ADA TITLE II TRANSITION PLAN

prepared for

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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.

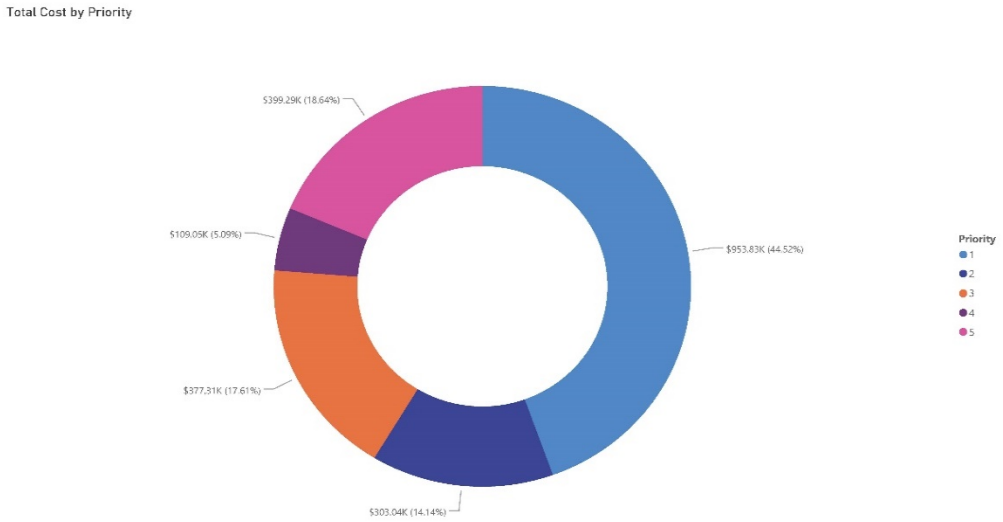
1.3 Process and Scope

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



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;

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

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

TABLE 1.4- TRANSITION PLAN PHASING SUMMARY

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

2. PURPOSE AND SCOPE

2.1 Overview of the City of Redmond

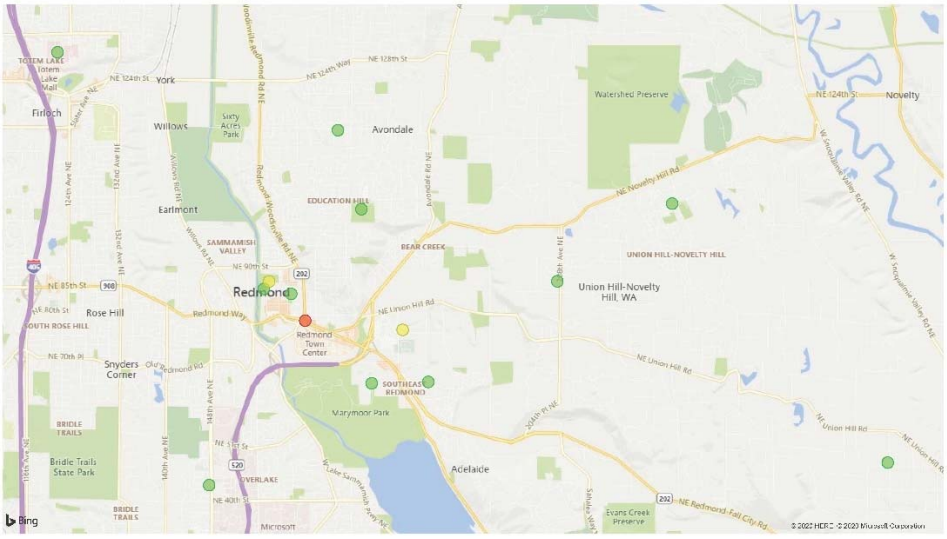
The City of Redmond provides police and fire protection services, emergency medical services, disaster preparedness, planning and zoning, street maintenance and construction, and parks and recreation, in addition to general administrative services.

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

The City of Redmond is governed by a Mayor/council, non-partisan form of government. The Mayor and each of the seven City Council members are elected directly by the people to staggered four-year terms. All members represent the community at-large rather than individual districts or areas fo 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 commisioned officer for police protection is 85.

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



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

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

2.2 Purpose of the Transition Plan

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

2.3 Basis for Probable Costs

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

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

2.4 Scope of Work

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

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

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

2.5 Physical Barrier Assessments

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

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

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

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

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

Individual assessment reports for each property surveyed included:

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

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

3. ACCESSIBILITY REQUIREMENTS

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

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

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

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

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

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

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

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

4. POLICIES AND PROGRAM REVIEW

4.1 Community Services

Requirement:

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

Findings:

- The City has an ADA Program which states that the City will make every reasonable effort to provide equal access to all City facilities, services, programs and activities for citizens with disabilities in accordance with the ADA and Section 504 of the Rehabilitation Act of 1973. The ADA Program includes information on Program Modification, Inclusions Services and Personal Services. The ADA Program states that if a personal attendant is needed for personal services the personal attendant will not be charged registration fees, transportation fees or admission fees while accompanying a paying participant. See Appendix D for the ADA Program document.

- The City of Redmond has several different online publications with information about community news and activities, business news, and municipal governmental meetings and activities. These include: “Focus on Redmond,” which is published quarterly; an “Activity Guide” which is published 3 times per year (Spring/Summer, Fall and Winter); and “Choose Your Adventure,” a summer camp guide. The publications are available online and may also be available in printed form.

- The city has an online “Enews” subscription which provides instant, automated email notifications whenever new information is posted on the city website. The subscription is available to anyone and the subscriber has the option to choose their topics of information and how often they are delivered.

- “Let’s Connect Redmond,” an online community conversation portal, is available for information on upcoming plans, programs and projects. This site offers users the opportunity to provide feedback, ask questions and post comments to the city. Users can provide feedback to city government by completing the surveys/questionnaires that the city posts on the site.

- The City of Redmond offers a variety of activities for all age groups. According to municipal publications and the official website, registrations for programs can be completed online, by phone or in person at Redmond Community Center at Marymoor Village, Redmond City Hall or the Old Fire House Teen Center.

Recommendations:

- It is recommended that all publications be provided in an alternative format such as large print, Braille, audiotape, computer disk, pictorial signage as applicable, for individuals with disabilities, when requested.

- It is recommended that when individual program and activity or building information is logged into the data base, the notifications should denote whether an activity or program is taking place in an accessible facility, and that accommodations can be made to accommodate a participant with a disability.

- For any activity taking place in a swimming pool, ensure that the pool has a pool lift which complies with the 2010 ADA Standards for Accessible Design.

- All notifications (written/print, website, posters, etc.) should state: *"if you need an accommodation in order to participate in this program (wheelchair access, sign language interpreter, written materials in alternate format) please contact……."*

- The City of Redmond can stipulate advanced notice for a sign language interpreter, but it should be no greater than one (1) week. The contact number which is provided must be a TDD/relay number or email.

- Information about the current accessibility of facilities where programs, services and City offices take place needs to be coordinated with the offices who operate the programs and services. If an applicant or participant needs to be accommodated, it may require moving the program to an accessible location or the City employee (tax collector, etc.) must meet the resident at an accessible location within the variety of City facilities.

4.2 Housing

Requirements:

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

Findings:

- The City of Redmond is a member of A Regional Coalition for Housing (ARCH). ARCH is a partnership of King County and East King County Cities. ARCH assists member governments in developing housing policies, strategies, programs and development regulations, coordinates the cities' financial support to groups creating affordable housing for low– and moderate-income households; and assists people looking for affordable rental and ownership housing. ARCH's member governments have supported a wide range of housing created and operated by local organizations and private developers that serve individuals, families, seniors, the homeless, and persons with special needs.

- The King County Housing Authority provides rental housing and rental assistance programs in Redmond.

- According to the King County Housing Authority website, they do not receive any operating funds from the State of Washington, King County or the region's cities. Funds received from member municipalities support affordable housing developments.

- The King County Housing Authority application forms are in PDF format.

- The King County Housing Authority has a reasonable accommodations policy listed on its website.

Recommendations:

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

4.3 Personnel and Internal Policies and Programs

Requirements:

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

Findings:

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

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

Recommendations:

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

4.4 Human Resource – Position Descriptions

Requirements:

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

Findings:

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

Recommendations:

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

4.5 ADA Coordinator

Requirements:

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

Findings:

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

Recommendations:

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

4.6 Public Grievance Procedures

Requirements:

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

Findings:

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

Recommendations:

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

4.7 City Website

Requirements:

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

Existing standards and guidelines can help web developers create and maintain accessible websites. For example, the Wed 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.

- The City website is partially, but not fully accessible. Navigation and most pages of the website are accessible and meet Section 508 requirements, but not all.

- Using a web open source automated scan called ADAScan to evaluate the City of Redmond website, the website content passed 38 out of 45 of the applicable automated tests. 69 tests were performed, however, 24 of the tests did not apply to the City's website. 7 areas failed. The results are shown in Appendix F.

Recommendation:

- A complete and thorough review of the City of Redmond website accessibility using the current WCAG 2.1 guidelines should be performed. A full analysis of the City's website, which is very extensive, can be conducted by a website consultant. Such a review can be conducted by website accessibility specialists for no fee, or for a nominal fee if the City of Redmond commits to a contract with a web consultant to perform appropriate accessibility changes to the website.

- Web Content Accessibility Guidelines (WCAG) are technical guidelines referenced when testing for ADA website accessibility. WCAG 2.1 A and AA is considered the minimum standard for ADA website compliance. Core WCAG issues must be resolved via manual testing, programming code changes, and continuous accessibility best practices.

5. COMPLIANCE STRATEGY

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

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

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

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

6. PRIORITIES

6.1 Physical Barrier Priorities

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

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

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

Priority 1: ***Path of Travel-Accessible Van Parking –*** Access to a public facility begins with accessible parking. Van accessible parking is deemed the most important barrier. Those with the most severe disabilities tend to require a van accessible space to accommodate their vehicle and mobility device. In addition, when only the minimum number of accessible spaces is required, it must be a van accessible space. This priority includes all barriers associated with the compliance of a van accessible space including signage, restriping, constructing or reconfiguring the pavement to accommodate the required number of spaces.

Accessible Car Parking – Access to a public facility begins with accessible parking. Car accessible parking is deemed the second most important barrier. This priority includes all barriers associated with the compliance of a van accessible space including signage, restriping, constructing or reconfiguring the pavement to accommodate the required number of accessible spaces.

Accessible Approach and Entrances – A public agency is required to take measures to provide access to a place of public accommodation and employee areas from public sidewalks, parking, or public transportation. The DOJ dictates the minimum width, cross and running slope, signage, and handrail requirements associated with pedestrian accessible routes of travel. These measures include, for example, installing an entrance ramp, correcting tripping hazards or lessening the slope of a curb ramp. At least one route of travel to each amenity or feature should be safe and accessible for everyone, including people with disabilities.

Priority 2: ***Elements used for programs, services, and activities-*** Barriers may include play equipment, picnic tables, public counters, benches, and trash receptacles.

Priority 3: ***Restrooms, Signage -*** Barriers may include widening of toilet stalls, installation of grab bars, and lowering lavatories and mirrors.

Priority 4: ***Access to Auxiliary Features and Amenities –*** A public agency is required to take measures to provide access to auxiliary features and amenities along paths of travel, for instance, kiosks, water fountains, and kitchen appliances.

Priority 5: ***Employee-only Areas-*** Employee-only areas are required to have accessible entrances and exits, and accessible paths of travel within interior work areas and work stations. Corridors in employee-only areas, employee-only restrooms, employee-only kitchens and employee-only break rooms are considered public areas (rather than employee-only areas) under the ADA, and therefore, are required to fully comply with accessibility regulations governing those types of areas.

Employee areas have been set as the lowest priority, due to the fact that the total estimated cost for barrier removal in public areas is the more pressing need.

Some of the existing accessibility barriers require a minimal amount of effort or expense to remove and are found throughout the system. These types of barrier removals are called “Low Hanging Fruit,” or easy barrier removal. “Low hanging fruit” is defined as accessibility barrier removal which can be incorporated into recurring work being completed on a life cycle basis, and which is relatively low in cost.

6.2 Facility Phases

The City of Redmond has established an accessibility priority rating for facilities using public usage criteria. Usage rates were determined by general visual observation by the City of Redmond staff. Priorities by level of community usage of individual facilities are:

- Priority One- City Hall, Hartman Park - Redmond Pool (exterior), Redmond Community Center at Marymoor Village, Trinity Building
- Priority Two- Old Fire Station Teen Center, Public Safety Building
- Priority Three- Building 11- Decant Facility, Building 1 - Public Works MOC, Building 3 – Facilities Workgroup Modular, Building 5 - Central Stores Warehouse, Building 8 - Parks MOC, King County Commuter Parking, Municipal Campus Parking Garage
- Priority Four- Fire Station 11 and Old Medic One Building, Fire Station 16 and Shop, Police Garage North, Police Garage South, Medic 23 Quarters at Evergreen Hospital
- Priority Five- Fire Station 12, Fire Station 13, Fire Station 14, Fire Station 17, Fire Station 18

The number of amenities, services, and programs available at a facility are primary factors affecting facility usage levels. Distance required to travel from residences, proximity to public transportation, and safety are secondary factors affecting usage.

7. CITY OF REDMOND FUNDING LEVELS

The total amount of revenue in the 2019/2020 budget was approximately $797.7 million. The majority of the funds are allocated to expenses not related to physical facility improvements, such as wages, insurance, equipment, and other program expenses. The existing revenue level is not anticipated to increase significantly in the future.

The Capital Investment Program (CIP) for the City of Redmond follows a six-year approach focused on continued investment in current and future projects. The current CIP involves projects that include ADA components, such as plans to improve the City's transportation infrastructure to accommodate people with disabilities, the development of the Downtown Park, the improvement of sidewalks in the Downtown area, and the installation of an adaptive traffic signal system.

Funding of $150,000 was approved for the 2019/2020 budget to evaluate deficiencies in all City buildings.

Based on the information above, the annual funding level for barrier removal can be no greater than the funds available for Capital Projects at a maximum, although some barriers may be removed through maintenance project funds, such as easy barrier removals (EBRs).

8. TRANSITION PLAN COMPONENTS

8.1 Overview

The 2020 Transition Plan is a snapshot in time to evaluate and prioritize accessibility barrier removal throughout the City of Redmond system. The Transition Plan will be a living document, and not a static view of the existing state of ADA compliance at the City of Redmond. As such, it can be modified and updated on a periodic basis to reflect barrier removal efforts, changes in economic conditions, new and revised strategies, and reflect future public input.

The Transition Plan is a flexible document, as strategies, priorities and funding opportunities change. The City of Redmond demographics may vary from the current demographic composition of King County. Public preferences for recreational types may change, while funding priorities and funding levels may change as well.

The Transition Plan will require modification as conditions and priorities are changed, new ADA requirements are issued by DOJ, and/or unanticipated policy or fiscal needs shifts occur.

8.2 System Barrier Summary

The removal of all identified physical accessibility barriers in the system is estimated to cost $2,142,513. The existing barrier planning level cost estimate totals for each facility and individual barrier priorities are summarized in Table 8.2 below:

TABLE 8.2- ACCESSIBILITY SUMMARY BY FACILITY

Facility / Building	Priority 1		Priority 2		Priority 3		Priority 4		Priority 5		Total	
	Est. Cost	Items	Est. Cost	Items	Est. Cost	Items	Est. Cost	Items	Est. Cost	Items	Est. Cost	Items
Building 11 Decant Facility	$17,732	10	$1,715	3	$555	1	$200	1			$20,202	15
Building 1-Public Works MOC	$107,244	49	$21,728	9	$9,162	24			$46,504	17	$184,636	99
Building 3-Facilities Workgroup Modular	$14,073	10	$720	1	$3,780	18	1300	1			$19,873	30
Building 5 Central Stores Warehouse	$46,235	14	$1,706	3	$12,555	5	280	1			$60,776	23
Building 8 Parks MOC	$41,554	23	$13,521	6	$18,002	16	$7,440	5			$80,517	50
City Hall	$35,636	30	$28,888	18	$22,385	36	$7,598	2	$200	1	$94,706	87
Fire Station 11 and Old Medic One Building	$30,822	10	$1,385	2	$1,418	7			$172,554	91	$206,179	110
Fire Station 12	$12,073	3	$1,805	1	$740	2			$65,950	43	$80,567	49
Fire Station 13	$16,384	14	$9,658	7	$24,613	16	$4,428	5	$500	1	$55,583	43
Fire Station 14	$39,478	21	$5,617	8	$32,021	21	$7,347	4	$11,846	6	$96,308	60
Fire Station 16 and Shop Building	$69,833	25	$26,230	12	$38,677	28	9480	4	$6,044	4	$150,264	73
Fire Station 17	$35,599	19	$13,430	19	$31,978	19	$10,087	6	$14,462	13	$105,555	76
Fire Station 18	$8,330	12	$5,486	9	$13,828	15	$1,098	1	$5,850	4	$34,591	41
Hartman Park - Redmond Pool (exterior)	$37,182	11						1			$37,182	12
King County Commuter Parking	$25,723	13									$25,723	13
Medic 23 Quarters at Evergreen Hospital	$3,317	3	$400	1					$33,350	12	$37,067	16

Facility / Building	Priority 1		Priority 2		Priority 3		Priority 4		Priority 5		Total	
	Est. Cost	Items	Est. Cost	Items	Est. Cost	Items	Est. Cost	Items	Est. Cost	Items	Est. Cost	Items
Municipal Campus Parking Garage	$24,112	21									$24,112	21
Old Fire Station Teen Center	$116,171	49	$23,298	21	$9,136	13	$20,450	6	$36,764	8	$205,817	97
Police Garage North	$4,789	5									$4,789	5
Police Garage South	$1,189	1									$1,189	1
Public Safety Building	$75,305	41	$128,329	22	$110,510	110	$28,585	11			$342,730	184
Redmond Community Center @ Marymoor Village	$90,046	26	$14,260	26	$30,644	20	4071	2	$5,268	7	$144,288	81
Test Site												
Trinity Building	$101,007	19	$4,862	10	$17,308	31	$6,684	5			$129,860	65
Grand Total	**$953,831**	**429**	**$303,033**	**178**	**$377,311**	**382**	**$109,047**	**55**	**$399,290**	**207**	**$2,142,513**	**1251**

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

8.3 Barrier Removal Strategy

The City of Redmond has adopted a multi-phase strategy using the ranking criteria of facility usage levels to determine the phases for barrier removal. The long-term goal is to make all unique amenities and at least one of each type of recurring amenity accessible. In order to meet the programmatic requirement for accessibility of programs, facilities and services to the disabled by local agencies, the District will make accommodations for the disabled when requested. For further explanation of the obligations of a public agency, see Appendix C, section 1.2.1.

The planned phases for barrier removal are:

- Phase 1: City Hall, Hartman Park - Redmond Pool (exterior), Redmond Community Center at Marymoor Village, Trinity Building
- Phase 2: Old Fire Station Teen Center, Public Safety Building
- Phase 3: Building 11 Decant Facility, Building 1 - Public Works MOC, Building 3 – Facilities Workgroup Modular, Building 5 Central Stores Warehouse, Building 8 Parks MOC, King County Commuter Parking, Municipal Campus Parking Garage
- Phase 4: Fire Station 11 and Old Medic One Building, Fire Station 16 and Shop, Police Garage North, Police Garage South, Medic 23 Quarters at Evergreen Hospital
- Phase 5: Fire Station 12, Fire Station 13, Fire Station 14, Fire Station 17, Fire Station 18

The planning level cost estimates for each phase are summarized below:

TABLE 8.3- PHASING PLAN

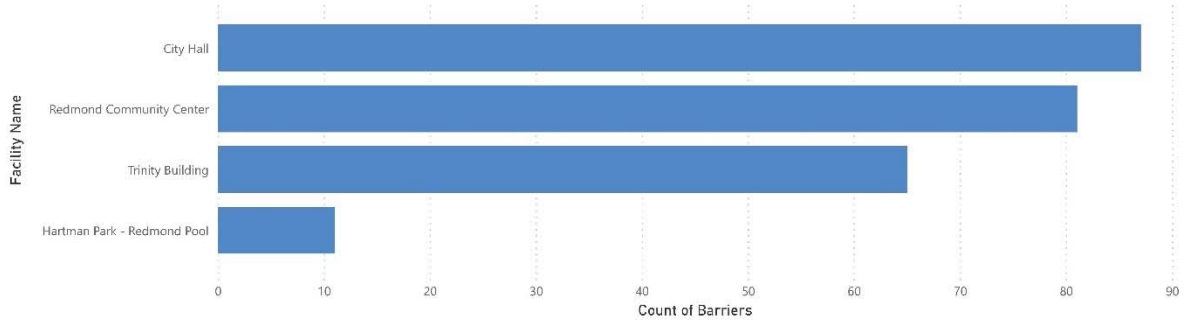
Phases	Estimated Cost	Barriers
Phase 1	$406.1 K	244
Phase 2	$548.5 K	281
Phase 3	$415.8 K	251

Phases	Estimated Cost	Barriers
Phase 4	$399.5 K	205
Phase 5	$372.6 K	269
Totals	**$2,142,500**	**1,250**

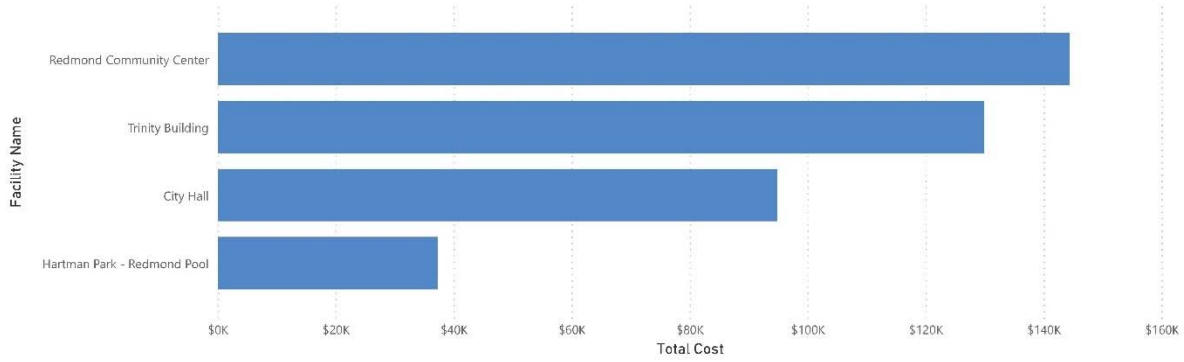
NOTE: Due to rounding, the totals shown in this table and the individual tables in the Appendices differ from Table 8.2, System Barrier Summary, and the tables in the AssetCalc management database by approximately $13.

Phase One

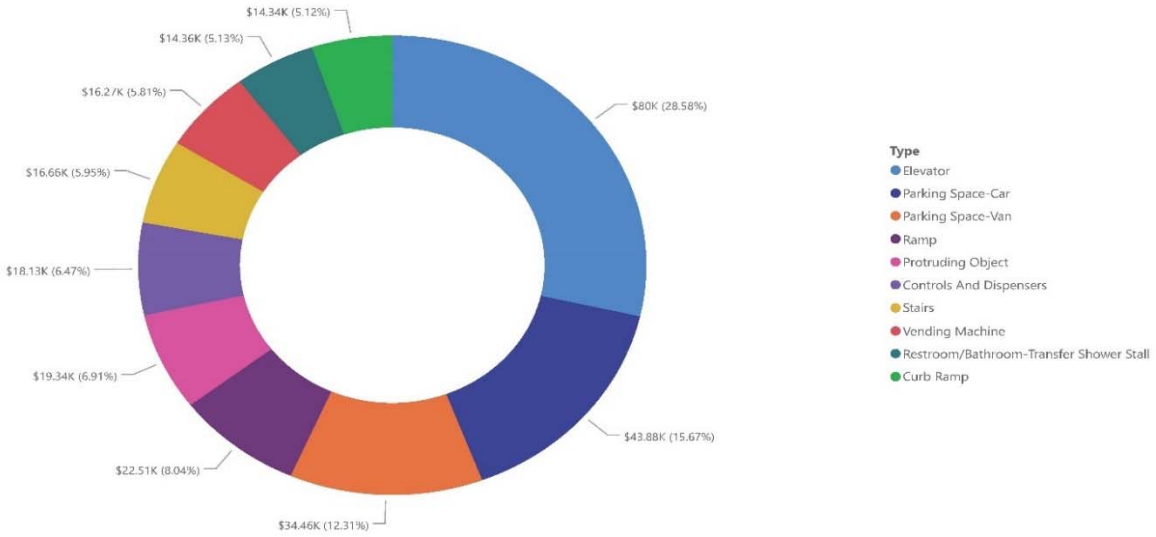
Phase 1: Number of Barriers By Facility



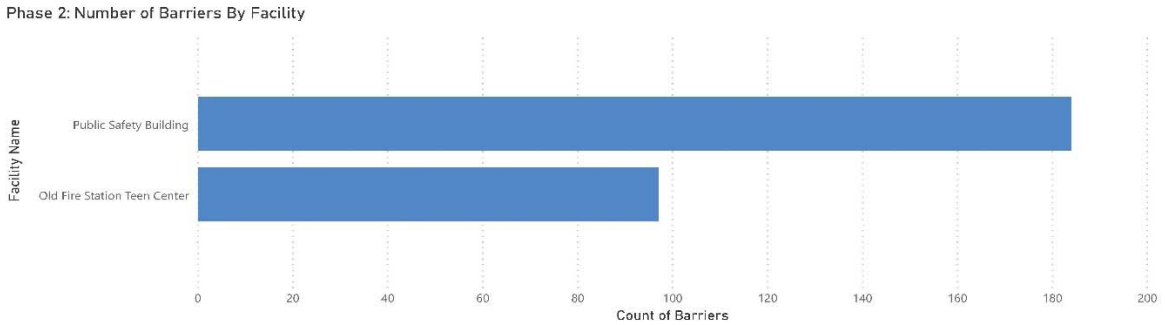
Phase 1: Total Cost by Facility Name

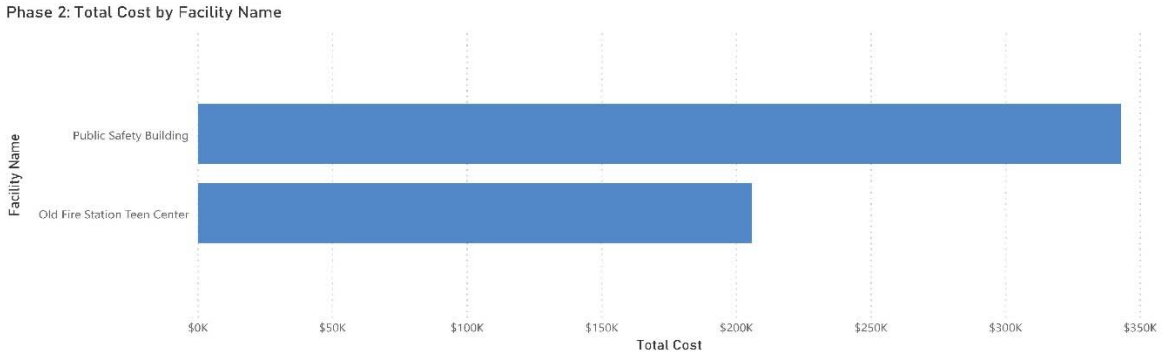


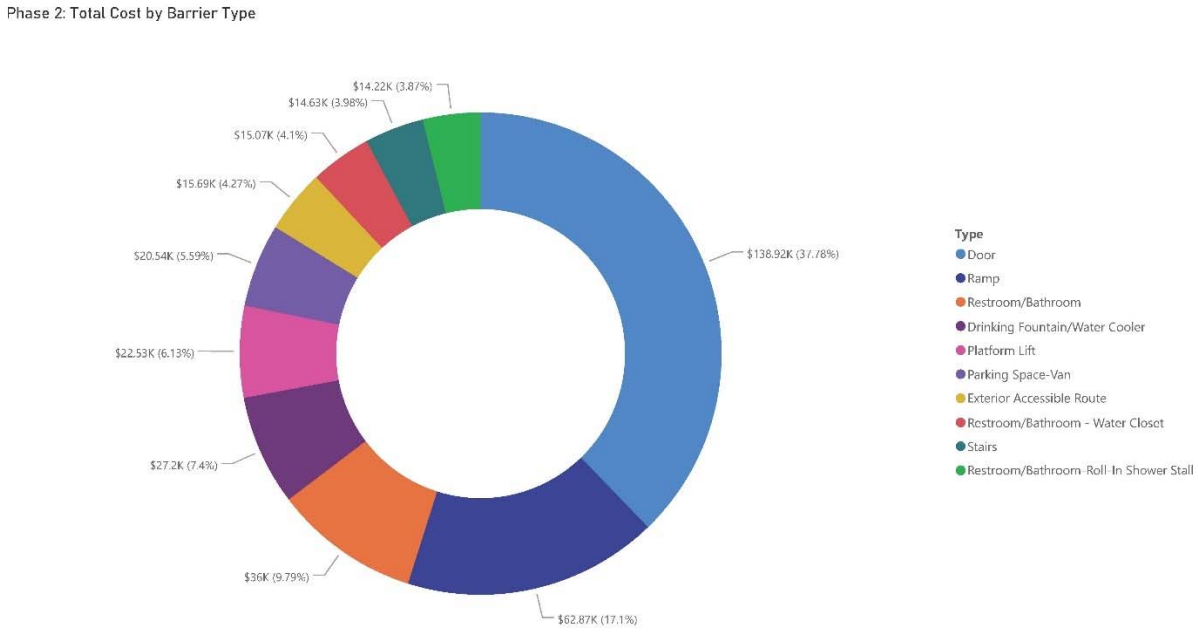
Phase 1: Total Cost by Barrier Type



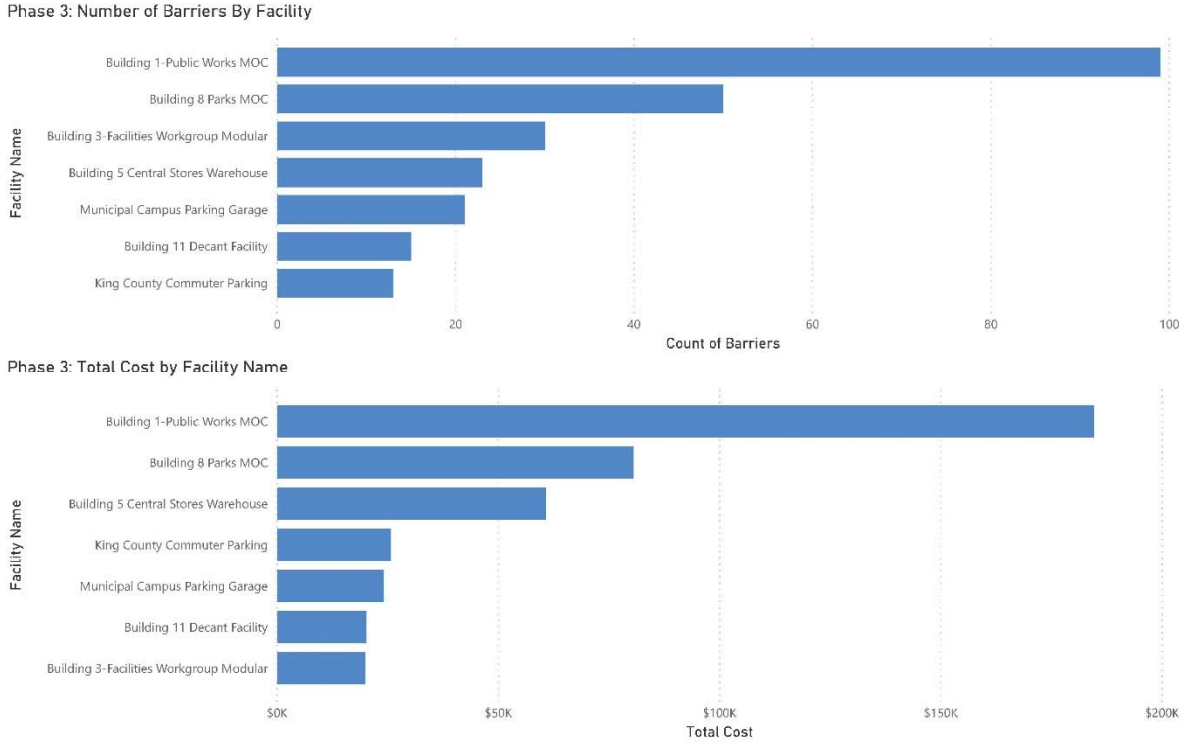
Phase Two


Phase 2: Number of Barriers By Facility
Facility Name
Public Safety Building
Old Fire Station Teen Center
0
20
40
60
80
100
120
140
160
180
200
Count of Barriers

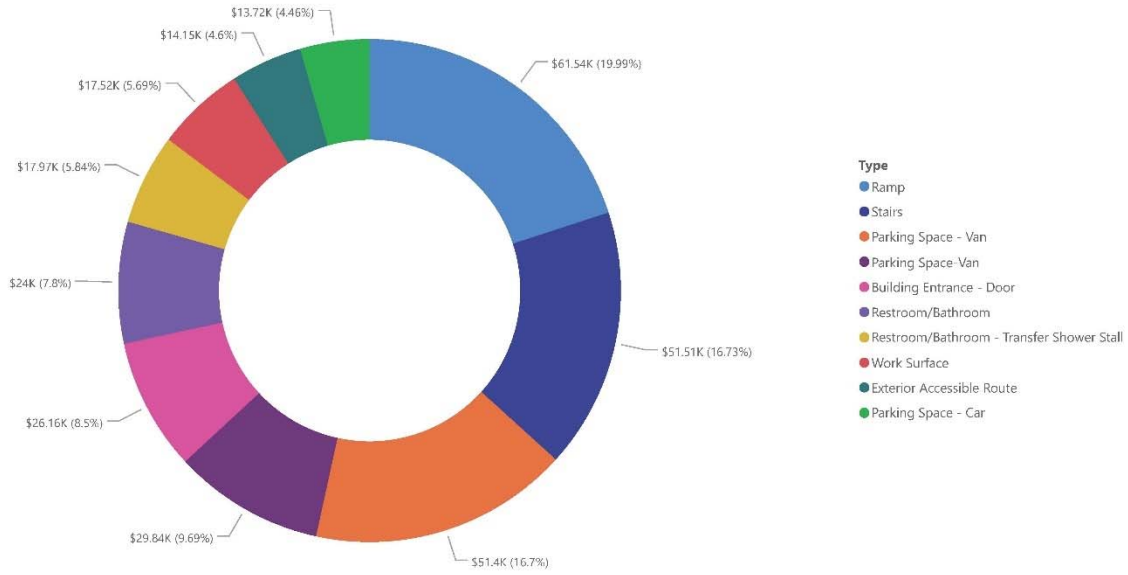

Phase 2: Total Cost by Facility Name
Facility Name
Public Safety Building
Old Fire Station Teen Center
$0K
$50K
$100K
$150K
$200K
$250K
$300K
$350K
Total Cost


Phase 2: Total Cost by Barrier Type
$14.22K (3.87%)
$14.63K (3.98%)
$15.07K (4.1%)
$15.69K (4.27%)
$20.54K (5.59%)
$22.53K (6.13%)
$27.2K (7.4%)
$36K (9.79%)
$62.87K (17.1%)
$138.92K (37.78%)
Type
Door
Ramp
Restroom/Bathroom
Drinking Fountain/Water Cooler
Platform Lift
Parking Space-Van
Exterior Accessible Route
Restroom/Bathroom - Water Closet
Stairs
Restroom/Bathroom-Roll-In Shower Stall

Phase Three

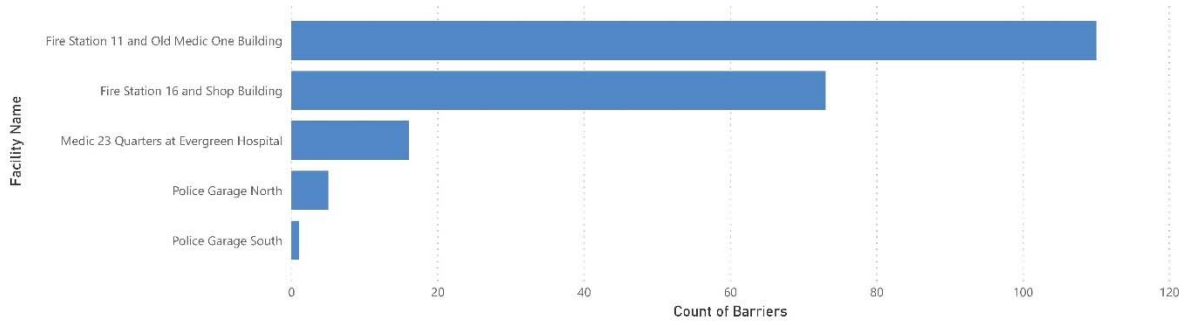

Phase 3: Number of Barriers By Facility
Facility Name
Building 1-Public Works MOC
Building 8 Parks MOC
Building 3-Facilities Workgroup Modular
Building 5 Central Stores Warehouse
Municipal Campus Parking Garage
Building 11 Decant Facility
King County Commuter Parking
0
20
40
60
80
100
Count of Barriers
Phase 3: Total Cost by Facility Name
Facility Name
Building 1-Public Works MOC
Building 8 Parks MOC
Building 5 Central Stores Warehouse
King County Commuter Parking
Municipal Campus Parking Garage
Building 11 Decant Facility
Building 3-Facilities Workgroup Modular
$0K
$50K
$100K
$150K
$200K
Total Cost

Phase 3: Total Cost by Barrier Type

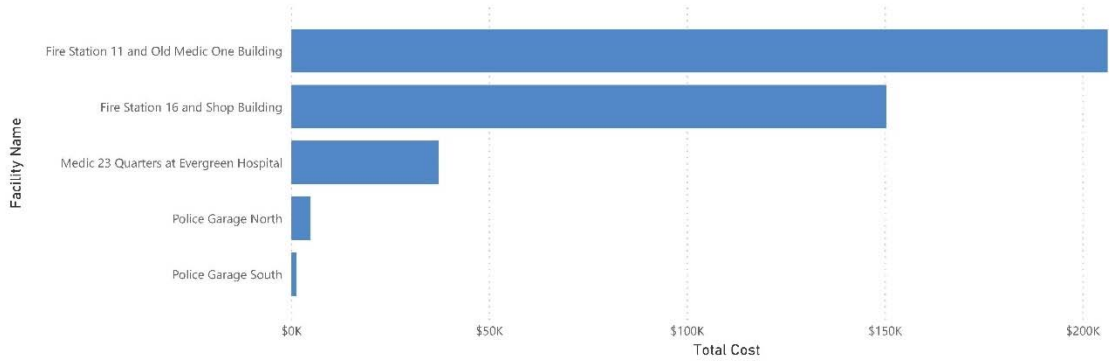


Phase Four

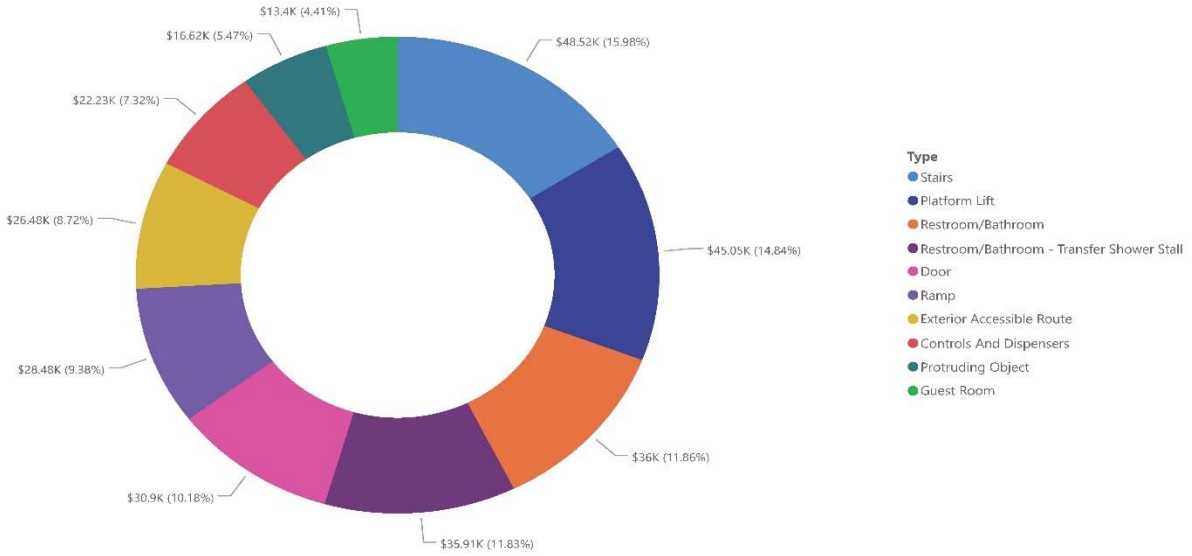
Phase 4: Number of Barriers By Facility



Phase 4: Total Cost by Facility Name

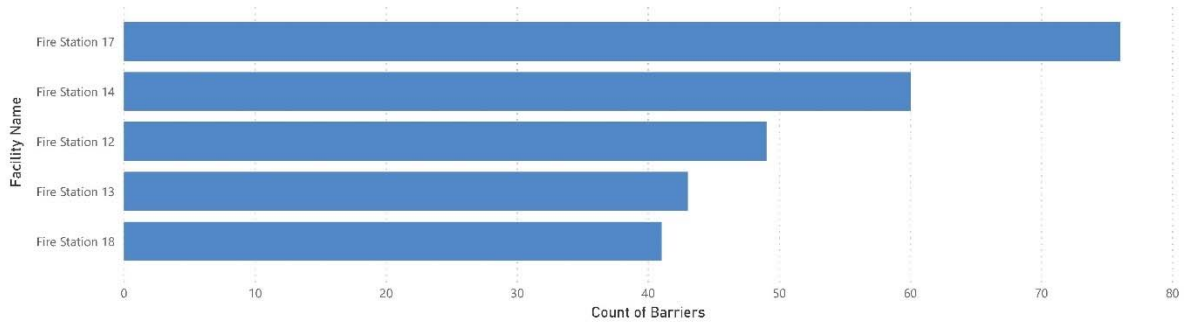


Phase 4: Total Cost by Barrier Type

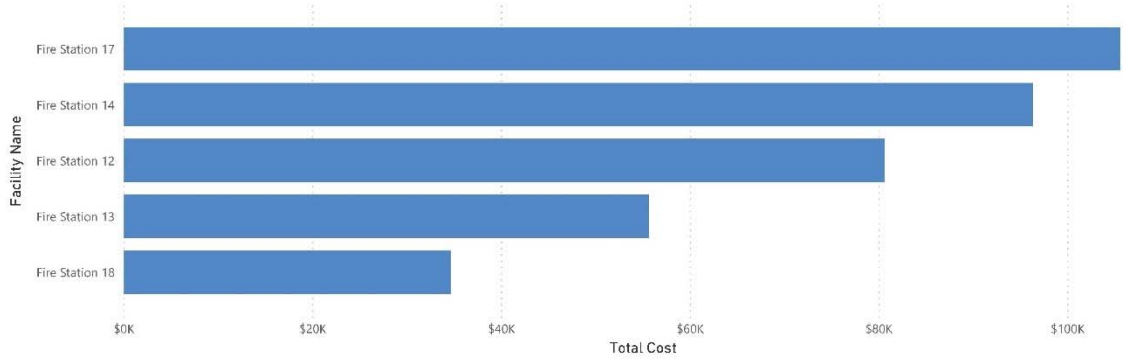


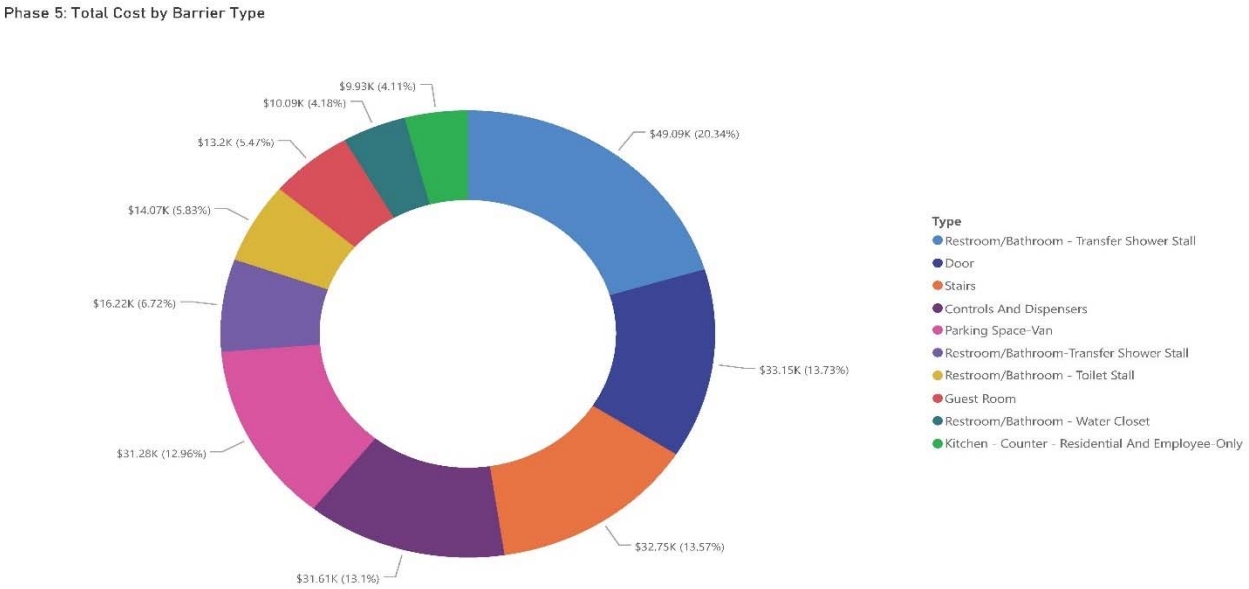
Phase Five

Phase 5: Number of Barriers By Facility



Phase 5: Total Cost by Facility Name





See Appendix B for the full listing of barriers in each phase.

8.4 Conclusion

The establishment of planned phases for barrier removal is determined by the criteria adopted by City of Redmond, the regulations of the Americans with Disabilities Act, and by the necessity to schedule barrier removals within an established framework. The timing of the completion of each phase of barrier removal is subject to a number of factors. The framework timeline will be determined by the following factors, as well as potential unknown additional factors, which will determine any changes to and specificity of the Transition Plan which may be required in future years:

- Funding sources and funding timelines
- Level of ADA barrier removal, with the highest ranking given to the highest use areas
- Opportunity to combine ADA barrier removal with scheduled capital improvements, such as playground replacements, parking lot renovations, restroom repairs or park reconstruction
- Development of a work program to eliminate “low hanging fruit” (easily removed barriers)
- Realistic time frame for accomplishment based on fiscal capability
- Demographic distributions
- Input from the community

Planning level estimated values for barrier removal will change over time due to inflation, changes in construction practices and materials, and unanticipated changes or additions to accessibility regulations. It is expected that the total cost of required accessibility barrier removal will change over time due to completion of individual barrier removal efforts and due to funding of capital projects which incorporate barrier removal in the immediate and distant future.

9. CERTIFICATION

EMG has completed a Comprehensive Accessibility Evaluation of the City of Redmond, including a policies and programs review, and evaluations of physical properties of the municipality in King County, Washington, in accordance the requirements of 28 CRF Part 35, the 2010 ADA Design Standards for Accessible Design, and the State of Washington Building Code sections related to accessibility.

The conclusions and recommendations presented in this report are based on the evaluations of programs, policies and properties under the jurisdiction of the City of Redmond, associated documentation related to the properties, and input from the City of Redmond staff.

Accessibility evaluations were conducted by EMG Project Architects and Project Engineers during site visits to individual properties. Project Architects' and Engineers' observations were made during site visits conducted in 2019. Cost estimates for barrier removal are planning level cost estimates based on EMG's experience with similar properties.

The assessments were performed at the Client's request using methods and procedures consistent with good commercial and customary practice for assessing compliance with the Title II provisions of the Americans with Disabilities Act (ADA) including the requirements of 28 CRF Part 35, and applicable state requirements. Accessibility barriers in areas which were not readily accessible, and/or may not have been visible, may exist. Individual facility reports describe property conditions at the time that the observations and research were conducted. The individual facility reports are not an engineering evaluation of physical conditions. The Self-Evaluation did not include engineering evaluations or engineering calculations to determine the adequacy of the park or facility's original design, or to determine engineered cost estimates.

The opinions EMG expresses in this report were formed utilizing the degree of skill and care ordinarily exercised by any prudent architect or engineer in the same community under similar circumstances. EMG assumes no responsibility or liability for the accuracy of information contained in this report which has been obtained from the Client or the Client's representatives, from other interested parties, or from the public domain. The conclusions presented represent EMG's professional judgment based on information obtained over the course of this assignment. The conclusions presented are based on the data provided, observations made, and conditions that existed specifically on the date of the assessments of individual properties.

EMG certifies that EMG has no undisclosed interest in the subject property, EMG's relationship with the Client is at arms-length, and that EMG's employment and compensation are not contingent upon the findings or estimated costs to remove barriers.

This report has been prepared on behalf of and exclusively for the use of the City of Redmond for the purposes stated herein. The purpose for which this report shall be used shall be limited to the use as stated in the contract between the client and EMG. This report, or any of the information contained therein, is not for the use or benefit of, nor may it be relied upon by any other person or entity, for any purpose without the advance written consent of EMG. Any reuse or distribution without such consent shall be at the client's or recipient's sole risk, without liability to EMG.

If you have any questions regarding this report, please contact Jim Cave, Program Manager, (800) 766-0660 x 6554, Jim.Cave@bvna.com.

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Certified by:

Tracy A. Trisko

Tracy Trisko, RLA, Senior Project Manager, Accessibility Technical Lead
tracy.trisko@bvna.com

10. APPENDICES

Appendix A - Accessibility Barriers by Facility
Appendix B - Barriers by Transition Plan Phase
Appendix C - Americans with Disabilities Act (ADA) Title II Requirements
Appendix D - City of Redmond ADA Program
Appendix E - Title II ADA Coordinator Role
Appendix F - City of Redmond Website
Appendix G - Disability Etiquette
Appendix H – Public Survey Responses

APPENDIX A
ACCESSIBILITY BARRIERS BY FACILITY

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202152	Building 11 Decant Facility / INTERIOR	Interior Access Route	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	$ 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	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

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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
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

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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	$ 1,400

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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	$ 6,300
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	$ 5,000
201059	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	A compliant accessible route is not provided from the property line to the site facilities. Access from public sidewalk to P1 Provide an accessible route from accessible parking spaces, passenger loading zones, public streets, public sidewalks, and public transportation stops. At least one accessible route shall be provided within the site from accessible parking spaces and accessible passenger loading zones; public streets and sidewalks; and public transportation stops to the accessible building or facility entrance they serve. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 991

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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	$ 3,567
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

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	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	$ -

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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 maximumunder 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 permit ted 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

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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	$ 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	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	$ 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

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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 rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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	5	$ 7,181
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	$ 1,124
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	$ 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

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Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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
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	$ 1,400

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Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201094	Building 1-Public Works MOC / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking lot P3 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	$ 1,400
201075	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the ramp are not compliant. Ramp RP1 The ramp should be removed and replaced with a compliant ramp. Ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a ramp run shall be 44".	1	$ 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	WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant. Ramp RP1 Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for	1	$ 6,520
201090	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the ramp are not compliant. Ramp RP2 The ramp should be removed and replaced with a compliant ramp. Ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a ramp run shall be 44".	1	$ 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	WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant. Ramp RP2 Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for	1	$ 7,172
201100	Building 1-Public Works MOC / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Reception Area Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	$ 500

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201098	Building 1-Public Works MOC / INTERIOR	Employee Work Areas	The service counter does not have 36" wide section that is 36" maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 30" wide section that is 36" maximum, with knee and toe clearance, that is oriented for a forward approach. Reception/Front Desk Provide a compliant section of the counter maximum 36" height with either a compliant parallel or a compliant forward approach to the counter. For a parallel approach, a portion of service counter must be 36" minimum wide and 36" maximum above finished floor. Clear space of minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a parallel approach, with the 48" dimension centered on the compliant portion of the counter. For a forward approach, a portion of service counter must be 30" wide and 36" high maximum. Knee and toe clearance shall be provided for a forward approach. Clear floor space minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a forward approach with the 30" dimension centered on the 30" width of the compliant counter section. Clear space at the counter shall be maximum 2.08% in all directions and a firm and stable surface.	2	$ 1,804
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

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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 maximumunder 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 permit ted 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	$ 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	WASHINGTON: The slopes of the exterior accessible route are not compliant. Sidewalk Leading to Main Entrance Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 2,973
201144	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The threshold at the accessible door is greater than ½" in height. South Elevation Shop Exterior Door Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	1	$ 179
201096	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". South Elevation-Shop Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	$ 676
201097	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The pull side of the accessible door does not have the required maneuvering clearances. South Elevation-Shop Exterior Door Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	$ 1,250
201067	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	Steps do not have uniform and compliant riser heights and/or tread depths. Stairs ST1 Replace the stairway. All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum.	1	$ 918

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201068	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	Handrails are not compliant. Stairs ST1 Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	$ 1,956
201069	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stairs ST2 Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.	3	$ 140

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Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201070	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	Handrails are not compliant. Stairs ST2 Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	$ 1,956
201071	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	Stairs have open risers. Stairs ST2 Replace with compliant stairs that have closed risers. Open risers are not permitted.	1	$ 3,360
201072	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stairs ST3 Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.	3	$ 140

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Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201073	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	Handrails are not compliant. Stairs ST3 Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	$ 1,956
201074	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	Stairs have open risers. Stairs ST3 Replace with compliant stairs that have closed risers. Open risers are not permitted.	1	$ 3,360

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Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201141	Building 1-Public Works MOC / INTERIOR	Interior Access Route	Handrails are not compliant. Stairs ST4-Shop Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.	5	$ 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	Handrails are not compliant. Stairs ST5- Shop Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.	5	$ 4,890
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

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201101	Building 1-Public Works MOC / INTERIOR	Employee Work Areas	The work surface is not compliant. Throughout building Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground.	2	$ 2,061
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	$ 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	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

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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 maximumunder 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 permit ted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.	5	$ 720
203044	Building 1-Public Works MOC / INTERIOR	Kitchen	The height of the counter is greater than 34". Water Quality Lab Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	5	$ 1,986

BUILDING 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	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	$ 14,427

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201109	Building 1-Public Works MOC / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Water-waste Quality Room Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	5	$ 200
201112	Building 1-Public Works MOC / INTERIOR	Restroom	Pipes are not insulated. Women's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	$ 65
201113	Building 1-Public Works MOC / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	$ 355
201114	Building 1-Public Works MOC / INTERIOR	Restroom	The rear grab bar in the wheelchair stall is not compliant. Women's Restroom Remove and install a compliant rear grab bar in the wheelchair stall. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 355

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201115	Building 1-Public Works MOC / INTERIOR	Restroom	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	$ 1,368

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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	$ 1,124
201121	Building 1-Public Works MOC / INTERIOR	Restroom	WASHINGTON: The transfer shower stall is not compliant. Women's Restroom Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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	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	A transfer seat is provided but is not compliant. 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.	5	$ -
201123	Building 1-Public Works MOC / INTERIOR	Restroom	The provided signage does not have raised or indented characters or pictograph symbols. Women's Restroom 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.	3	$ 55
201138	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. 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

BUILDING 11 DECANT FACILITY					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202486	Building 1-Public Works MOC / INTERIOR	Restroom	The locker area does not have a compliant bench. Women'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
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	A compliant accessible route is not provided from the property line to the site facilities. Access from public sidewalk to P1 Provide an accessible route from accessible parking spaces, passenger loading zones, public streets, public sidewalks, and public transportation stops. At least one accessible route shall be provided within the site from accessible parking spaces and accessible passenger loading zones; public streets and sidewalks; and public transportation stops to the accessible building or facility entrance they serve. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 991
201050	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Access Route From P1 to Main Entrance Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 3,567
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

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	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	$ -
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 maximumunder 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 permit ted 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

BUILDING 1-PUBLIC WORKS MOC					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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	$ 5,439
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

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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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	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

BUILDING 1-PUBLIC WORKS MOC					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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 rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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	5	$ 7,181
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	$ 1,124
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	$ 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	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
201094	Building 1-Public Works MOC / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking lot P3 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	$ 1,400
201075	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the ramp are not compliant. Ramp RP1 The ramp should be removed and replaced with a compliant ramp. Ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a ramp run shall be 44".	1	$ 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	WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant. Ramp RP1 Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	$ 6,520
201090	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the ramp are not compliant. Ramp RP2 The ramp should be removed and replaced with a compliant ramp. Ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a ramp run shall be 44".	1	$ 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	WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant. Ramp RP2 Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	$ 7,172
201100	Building 1-Public Works MOC / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Reception Area Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	$ 500

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	The service counter does not have 36" wide section that is 36" maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 30" wide section that is 36" maximum, with knee and toe clearance, that is oriented for a forward approach. Reception/Front Desk Provide a compliant section of the counter maximum 36" height with either a compliant parallel or a compliant forward approach to the counter. For a parallel approach, a portion of service counter must be 36" minimum wide and 36" maximum above finished floor. Clear space of minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a parallel approach, with the 48" dimension centered on the compliant portion of the counter. For a forward approach, a portion of service counter must be 30" wide and 36" high maximum. Knee and toe clearance shall be provided for a forward approach. Clear floor space minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a forward approach with the 30" dimension centered on the 30" width of the compliant counter section. Clear space at the counter shall be maximum 2.08% in all directions and a firm and stable surface.	2	$ 1,804
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

BUILDING 1-PUBLIC WORKS MOC					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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 maximumunder 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 permit ted 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	$ 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	WASHINGTON: The slopes of the exterior accessible route are not compliant. Sidewalk Leading to Main Entrance Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 2,973
201144	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The threshold at the accessible door is greater than ½" in height. South Elevation Shop Exterior Door Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	1	$ 179
201096	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". South Elevation-Shop Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	$ 676
201097	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The pull side of the accessible door does not have the required maneuvering clearances. South Elevation-Shop Exterior Door Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	$ 1,250
201067	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	Steps do not have uniform and compliant riser heights and/or tread depths. Stairs ST1 Replace the stairway. All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum.	1	$ 918

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	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	$ 1,956
201069	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stairs ST2 Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.	3	$ 140

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	Handrails are not compliant. Stairs ST2 Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	$ 1,956
201071	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	Stairs have open risers. Stairs ST2 Replace with compliant stairs that have closed risers. Open risers are not permitted.	1	$ 3,360
201072	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stairs ST3 Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.	3	$ 140

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	Handrails are not compliant. Stairs ST3 Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	$ 1,956
201074	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	Stairs have open risers. Stairs ST3 Replace with compliant stairs that have closed risers. Open risers are not permitted.	1	$ 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	Handrails are not compliant. Stairs ST4-Shop Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.	5	$ 1,956
201145	Building 1-Public Works MOC / INTERIOR	Interior Access Route	Handrails are not compliant. Stairs ST5- Shop Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.	5	$ 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	The work surface is not compliant. Throughout building Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground.	2	$ 2,061
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	$ 1,000
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

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	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 maximumunder 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 permit ted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.	5	$ 720
203044	Building 1-Public Works MOC / INTERIOR	Kitchen	The height of the counter is greater than 34". Water Quality Lab Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	5	$ 1,986

BUILDING 1-PUBLIC WORKS MOC					
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	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	$ 14,427
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

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	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	$ 1,368
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

BUILDING 1-PUBLIC WORKS MOC					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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	$ 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	WASHINGTON. The transfer shower stall is not compliant. Women's Restroom Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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	5	$ 7,181
201122	Building 1-Public Works MOC / INTERIOR	Restroom	A transfer seat is provided but is not compliant. 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.	5	$ -

BUILDING 1-PUBLIC WORKS MOC					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201123	Building 1-Public Works MOC / INTERIOR	Restroom	The provided signage does not have raised or indented characters or pictograph symbols. Women's Restroom 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.	3	$ 55
201138	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. 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
202486	Building 1-Public Works MOC / INTERIOR	Restroom	The locker area does not have a compliant bench. Women'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
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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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. 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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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 4inches 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	WASHINGTON: A van stall, access aisle, and signage are not provided and the slope and/or ground surface is/are not compliant. Parking Lot 1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Parking spaces and access aisles shall be at the same level as the parking spaces they serve. Changes in vertical level are not permitted. Van parking stalls and access aisles shall have 98" minimum vertical clearance. Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	$ 11,860
206040	Building 5 Central Stores Warehouse / EXTERIOR	Exterior Access Route	The ramp is required but not provided. Ramp R-1 Provide a compliant ramp or reduce the walking surface to maximum 1:20 (5%) running slope. This barrier must be removed in conjunction with barrier ID 201642. The cost estimate for this barrier removal is based on providing a ramp, rather than grading the running slope to maximum 1:20 (5%). Ramp runs shall have a running slope not steeper than 1:12, and a cross slope not steeper than 1:48. [EXCEPTION: In existing sites built pre-1/26/92, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations.Where slopes are steeper than 1:10 but not steeper than 1:8, the rise shall be 3" maximum. Where slopes are steeper than 1:12 but not steeper than 1:10, the rise shall be 6" maximum.] The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" minimum. The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" minimum. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] Ramp runs shall have maximum 30" rise. Ramp landings shall be located at the top and bottom of ramp runs, and at turns of ramp direction. Landings shall be 1:48 maximum slope in any direction. Landings shall be minimum 60" length, and as wide as the ramp run, except ramp landings at turns which shall be minimum 60" x 60" minimum. All ramp runs with a rise of 6" or greater shall have handrails on each side of the ramp. Handrails shall be compliant. The top of the handrail gripping surface shall be 34" minimum to 38" maximum vertically above the ramp surface. Provide edge protection on the sides of each ramp run which rises more than 6" and on ramp landings. Compliant edge protection shall be provided on each side of ramp runs and at each side of ramp landings. Compliant edge protection is EITHER a curb or barrier that prevents the passage of a 4" diameter sphere where the sphere is within 4" of the ramp surface OR an extension of the ramp surface 12" minimum beyond the inner face of the rail. [EXCEPTIONS: 1. Edge protection shall not be required on ramps that are not required to have handrails and have sides. 2. Edge protection shall not be required on the sides of ramp landings serving an adjoining ramp run or stairway. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of 1/2" maximum within 10" horizontally of the minimum required landing area.] Ramps and their approaches shall be designed so that water will not accumulate on walking surfaces.	1	$ 11,916
206041	Building 5 Central Stores Warehouse / EXTERIOR	Exterior Access Route	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 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.]	1	$ 3,260
201648	Building 5 Central Stores Warehouse / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. 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 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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 5 CENTRAL STORES WAREHOUSE					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201657	Building 5 Central Stores Warehouse / INTERIOR	Restroom	The entire restroom is not compliant due to limited room dimensions. 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	$ 12,000
201658	Building 5 Central Stores Warehouse / INTERIOR	Interior Access Route	Handrails are not compliant. Stair ST-1 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.]	1	$ 6,520
201659	Building 5 Central Stores Warehouse / INTERIOR	Interior Access Route	Handrails are not compliant. Stair ST-2 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.]	1	$ 6,520
206469	Building 5 Central Stores Warehouse / 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-3 Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.	3	$ 70
206470	Building 5 Central Stores Warehouse / EXTERIOR	Exterior Access Route	Steps do not have uniform and compliant riser heights and/or tread depths. Stairs ST-3 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	$ 382

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Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
206471	Building 5 Central Stores Warehouse / EXTERIOR	Exterior Access Route	Handrails are not compliant or are not provided. Stairs ST-3 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.]	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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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. 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 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	$ 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**

CITY HALL					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200172	City Hall / INTERIOR	Site Furnishings	The vending machines have operable parts which are not within reach range. 1st Floor Where provided, at least one of each type of depository, vending machine, change machine, and fuel dispenser shall comply. A clear floor or ground space shall be provided. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 16,270
200170	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 1st Floor Circulation Path Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 1,456
200222	City Hall / INTERIOR	Interior Access Route	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. 1st Floor Conference Rooms Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	$ 385
200224	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 1st Floor Conference Rooms Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 728
200171	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 1st Floor Kitchenette Install cane detectors. This barrier must be removed in conjunction with barrier ID 200556. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 728
200556	City Hall / INTERIOR	Interior Access Route	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. 1st Floor Kitchenette Remove and lower to a compliant reach range. This barrier must be removed in conjunction with barrier ID 200171. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 200
200178	City Hall / INTERIOR	Restroom	The locker area does not have a compliant bench. 1st Floor Men's & Women's Locker Rooms Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.	3	$ 3,000
200180	City Hall / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st Floor Men's & Women's Locker Rooms Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	$ 710
200181	City Hall / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. 1st Floor Men's & Women's Locker Rooms Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	$ 586

CITY HALL					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200182	City Hall / INTERIOR	Restroom	The coat hook is not within an allowable reach range. 1st Floor Men's & Women's Locker Rooms Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 230
200167	City Hall / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 1st Floor Men's & Women's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	$ 400
200162	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 1st Floor Men's & Women's Restroom Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 728
200165	City Hall / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st Floor Men's & Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	$ 710
200516	City Hall / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. 1st Floor Men's & Women's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	$ 586
200183	City Hall / INTERIOR	Restroom	The required clearance at the entry to the transfer stall is not provided. 1st Floor Men's Locker Room Reconfigure so shower has required clear floor space. Transfer type shower compartments shall be 36" by 36" clear inside dimensions measured at the center points of opposing sides and shall have a 36" wide minimum entry on the face of the shower compartment. Clearance of 36" wide minimum by 48" long minimum measured from the control wall shall be provided.	3	$ 3,000
200166	City Hall / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. 1st Floor Men's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]	3	$ 293
200163	City Hall / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. 1st Floor Men's Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 54" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	$ 1,250
200164	City Hall / INTERIOR	Restroom	The height of the water closet is not 17" minimum to 19" maximum above finished floor. 1st Floor Men's Restroom Remove and replace with a toilet that has a compliant seat height. The seat height of a water closet shall be 17" minimum and 19" maximum above the finish floor, measured to the top of the seat. Seats shall not be sprung to return to a lifted position. [EXCEPTIONS: 1. A water closet in a toilet room for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling units, the height of water closets shall be permitted to be 15" minimum and 19" maximum above the finish floor measured to the top of the seat.] [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 630
200173	City Hall / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st Floor Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	$ 355

CITY HALL					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200174	City Hall / INTERIOR	Restroom	The coat hook is not within an allowable reach range. 1st Floor Unisex Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 115
200175	City Hall / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 1st Floor Unisex Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	$ 200
200234	City Hall / INTERIOR	Restroom	The pull side of the accessible door does not have the required maneuvering clearances. 1st Floor Women's Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	3	$ 1,250
200194	City Hall / INTERIOR	Interior Access Route	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. 2nd Floor - Douglas Fir Room & Bear Creek Room Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	$ 110
200185	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 2nd Floor Circulation Path Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 728
200186	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 2nd Floor Circulation Path Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 728
200189	City Hall / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 2nd Floor Men's & Women's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	$ 400
200190	City Hall / INTERIOR	Restroom	The coat hook is not within an allowable reach range. 2nd Floor Men's & Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 230

CITY HALL					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200191	City Hall / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. 2nd Floor Men's & Women's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	$ 586
200192	City Hall / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 2nd Floor Men's & Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	$ 710
200193	City Hall / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. 2nd Floor Storage Room Relocate the shelving to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	5	$ 200
200187	City Hall / EXTERIOR	Entrance to Building	The threshold at the accessible door is greater than ½" in height. 2nd Floor Terrace Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). This barrier must be removed in conjunction with barrier ID 200557. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	1	$ 179
200557	City Hall / EXTERIOR	Entrance to Building	The threshold at the accessible door is greater than ½" in height. 2nd Floor Terrace Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	1	$ 179
200202	City Hall / INTERIOR	Interior Access Route	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. 3rd Floor Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	$ 605
200206	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 3rd Floor Circulation Path Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 728
200204	City Hall / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. 3rd Floor Elevator Lobby Area Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	$ 1,098
200195	City Hall / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. 3rd Floor Elevator Lobby Area Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	$ 1,804

CITY HALL					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200203	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 3rd Floor Kitchenette Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 728
200197	City Hall / INTERIOR	Restroom	The coat hook is not within an allowable reach range. 3rd Floor Men's & Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 230
200198	City Hall / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 3rd Floor Men's & Women's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	$ 400
200199	City Hall / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. 3rd Floor Men's & Women's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	$ 586
200200	City Hall / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 3rd Floor Men's & Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	$ 710
200201	City Hall / INTERIOR	Restroom	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. 3rd Floor Men's & Women's Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 1,260
200196	City Hall / INTERIOR	Restroom	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. 3rd Floor Men's Restroom Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	3	$ 366
200207	City Hall / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. 3rd Floor Service Desk Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	$ 1,804

CITY HALL					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200216	City Hall / INTERIOR	Interior Access Route	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. 4th Floor Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	$ 275
200219	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 4th Floor Circulation Path Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 1,456
200211	City Hall / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 4th Floor Men's & Women's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	$ 400
200212	City Hall / INTERIOR	Restroom	The coat hook is not within an allowable reach range. 4th Floor Men's & Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 230
200213	City Hall / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. 4th Floor Men's & Women's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	$ 586
200214	City Hall / INTERIOR	Restroom	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. 4th Floor Men's & Women's Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 1,260
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

CITY HALL					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
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.] 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.]	1	$ 728
200150	City Hall / INTERIOR	Common Areas		2	$ 1,804
200151	City Hall / INTERIOR	Common Areas	Assembly areas do not provide compliant aisle seats. Council Chambers Provide a minimum of 5% of the total number of aisle seats as aisle seats designated as accessible. Accessible aisle seats shall be the aisle seats located closest to accessible routes, and shall be dispersed among types of seating available to the public. Where armrests are provided on the seating in the immediate area, folding or retractable armrests shall be provided on the aisle side of the designated accessible aisle seat. Each designated aisle seat shall be identified by a sign or marker.	2	$ 330
200231	City Hall / INTERIOR	Common Areas	Assistive listening signage is not compliant or is not provided. Council Chambers Provide assistive listening signage. Each assembly area required to provide assistive listening systems shall provide signs informing patrons of the availability of the assistive listening system. Assistive listening signs shall comply and shall include the International Symbol of Access for Hearing Loss. [EXCEPTION: Where ticket offices or windows are provided, signs shall not be required at each assembly area provided that signs are displayed at each ticket office or window informing patrons of the availability of assistive listening systems].	3	$ 55
200232	City Hall / INTERIOR	Common Areas	The assistive listening device is not compliant or is not provided. Council Chambers Provide 3 additional assistive listening devices per the table at the bottom. Each assembly area required to provide assistive listening systems shall provide signs informing patrons of the availability of the assistive listening system. Assistive listening signs shall comply and shall include the International Symbol of Access for Hearing Loss. [EXCEPTION: Where ticket offices or windows are provided, signs shall not be required at each assembly area provided that signs are displayed at each ticket office or window informing patrons of the availability of assistive listening systems]. Receivers required for use with an assistive listening system shall include a 1/8" standard mono jack. Receivers required to be hearing-aid compatible shall interface with telecoils in hearing aids through the provision of neck loops. Neck loops and headsets that can be worn as neck loops are compatible with hearing aids. Receivers that are not compatible include earbuds, which may require removal of hearing aids, earphones, and headsets that must be worn over the ear, which can create disruptive interference in the transmission and can be uncomfortable for people wearing hearing aids. Assistive listening systems shall be capable of providing a sound pressure level of 110 dB minimum and 118 dB maximum with a dynamic range on the volume control of 50 dB. The signal-to-noise ratio for internally generated noise in assistive listening systems shall be 18 dB minimum. Peak clipping shall not exceed 18 dB of clipping relative to the peaks of speech. For 50 or less seating capacity, provide a minimum of 2 receivers, both of which shall be hearing-aid compatible. For 51 to 200 seating capacity, provide a minimum of 2 receivers, plus 1 per 25 seats over 50 seats, with a minimum two receivers which shall be hearing-aid compatible. For 201 to 500 seating capacity, provide a minimum of 2 receivers, plus 1 per 25 seats over 50 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 501 to 1000 seating capacity, provide a minimum of 20 receivers, plus 1 per 33 seats over 500 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 1001 to 2000 seating capacity, provide a minimum of 35 receivers, plus 1 per 50 seats over 1000 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 2001 and over seating capacity, provide a minimum of 55 receivers, plus 1 per 100 seats over 2000 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible.	2	$ 750
200160	City Hall / INTERIOR	Common Areas	The coat hook is not within an allowable reach range. Council Chambers Staff Entrance Corridor Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 115
200168	City Hall / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Council Chambers Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	$ 355
200155	City Hall / INTERIOR	Interior Access Route	The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds. Council Chambers Unisex Restroom Adjust the closer or replace with a door that requires no more than 5 pounds of force for pushing or pulling the door open. This barrier must be removed in conjunction with barrier ID 200156. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be maximum 5 pounds. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.	1	$ 366
200156	City Hall / INTERIOR	Interior Access Route	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Council Chambers Unisex Restroom Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. This barrier must be removed in conjunction with barrier ID 200155. The cost of this barrier removal is covered under ID 200155 and therefore, the cost of this ID is shown as $0. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	1	$ -

CITY HALL					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
200157	City Hall / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Council Chambers Unisex Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 115
200158	City Hall / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Council Chambers Unisex Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	$ 200
200159	City Hall / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Council Chambers Unisex Restroom Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 710
200139	City Hall / EXTERIOR	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	$ 1,750
200140	City Hall / EXTERIOR	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 2 (CR2) The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	$ 1,750
200141	City Hall / EXTERIOR	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 3 (CR3) The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	$ 1,750
200144	City Hall / EXTERIOR	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 4 (CR4) The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	$ 1,750
200145	City Hall / EXTERIOR	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 5 (CR5) The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	$ 1,750
200228	City Hall / INTERIOR	Interior Access Route	Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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, 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

CITY HALL					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200176	City Hall / INTERIOR	Common Areas	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Fitness Room Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 500
200188	City Hall / INTERIOR	Interior Access Route	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Heron Room, Chinook Room, Traffic Management Center Room Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	$ 165
200205	City Hall / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Human Resources Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	$ 1,804
200217	City Hall / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Office of the Mayor Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	$ 1,804
200142	City Hall / EXTERIOR	Accessible Parking	WASHINGTON: The car access aisle signage is not compliant or not provided. Parking Lot 1 - Access Aisle Serving Parking Stall P1 & P2 Stripe with a compliant vertical car accessible access aisle sign indicating "No Parking". The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	$ 280
200229	City Hall / EXTERIOR	Accessible Parking	WASHINGTON: The car access aisle signage is not compliant or not provided. Parking Lot 1 - Access Aisles Serving Parking Stalls P3 - P6 Stripe with a compliant vertical car accessible access aisle sign indicating "No Parking". The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	$ 560
200230	City Hall / EXTERIOR	Exterior Access Route	WASHINGTON: Where a detectable warning is located on a curb ramp run, the detectable warning is not compliant. Parking Lot 1 - Curb Ramps CR1 - CR6 Remove the detectable warning with truncated domes, and install a compliant detectable warning. The detectable warning surface shall contrast visually with adjacent surfaces, either light-on-dark or dark-on-light. The detectable warning shall extend 24" minimum in the direction of travel and extend the full width of the curb ramp. The detectable warnings shall be located so the edge nearest the curb line is 6" to 8" from the leading curb line adjacent the vehicular way. Truncated domes shall have a base diameter of .9" to 1.4", a top diameter of 50% to 65% of the base diameter, and a height of 0.2". The domes shall have base to base spacing of minimum 0.65", measured between the most adjacent domes on the grid. Domes shall be aligned in a square grid pattern. [Truncated domes are not currently required on curb ramps].	1	$ 3,840
200143	City Hall / EXTERIOR	Exterior Access Route	An accessible passenger loading/unloading zone is not provided where a loading/unloading area is present. Passenger Loading Zone Provide an accessible passenger loading/unloading zone. Passenger loading zones shall provide at least one accessible passenger loading zone in every continuous 100 linear feet of loading zone space, or fraction thereof, except bus loading areas. At least one accessible passenger loading zone shall be provided at an accessible entrance to a licensed medical care or licensed long term care facility where the period of stay exceeds 24 hours. The vehicular pull-up space shall be 96 inches wide minimum and 20 feet long minimum. The loading/unloading zone should allow the access aisle to be at the same level as the loading/unloading area it serves. The access aisle should be marked and separate from the loading/unloading area it serves. The access aisle shall be 60 inches wide minimum. Access aisles shall extend the full length of the vehicle pull-up spaces they serve. Access aisles shall be marked so as to discourage parking in them. Vehicle pull-up spaces and access aisles serving them shall comply. Access aisles shall be at the same level as the vehicle pull-up space they serve. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Vehicle pull-up spaces, access aisles serving them, and a vehicular route from an entrance to the passenger loading zone, and from the passenger loading zone to a vehicular exit shall provide vertical clearance of 114 inches minimum.	1	$ 3,200
200226	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Stair 1 (ST1) Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 2,184

CITY HALL					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200184	City Hall / INTERIOR	Interior Access Route	ADVISORY: The stair treads and edge of top landing do not have visual contrast on the leading edge. Stair 2 (ST2) ADVISORY: It is advisable, but not required, to install visual contrast on leading edge of each tread, and at the edge of the top landing, so that stair treads are more visible for people with low vision. The estimated cost of installation of visual contrast on each tread is $87.32 each.	2	$ -
200221	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Stair 3 (ST3) Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 2,184
200147	City Hall / EXTERIOR	Exterior Access Route	Handrails are not compliant or are provided. Stair 4 (ST4) Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	$ 815
200148	City Hall / 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 5 (ST5) Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.	3	$ 105
200149	City Hall / EXTERIOR	Exterior Access Route	Handrails are not compliant or are provided. Stair 5 (ST5) Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	$ 1,956
200152	City Hall / INTERIOR	Interior Access Route	ADVISORY: The stair treads and edge of top landing do not have visual contrast on the leading edge. Stair 6 (ST6) Council Chambers ADVISORY: It is advisable, but not required, to install visual contrast on leading edge of each tread, and at the edge of the top landing, so that stair treads are more visible for people with low vision. The estimated cost of installation of visual contrast on each tread is $87.32 each.	2	$ -

CITY HALL					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200153	City Hall / INTERIOR	Interior Access Route	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.]	1	$ 978
200169	City Hall / 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	$ 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 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.]	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 maximumunder 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 permit ted 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 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, 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 maximumunder 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 permit ted 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 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

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	The lavatory does not have the required knee clearance. Men's Restroom (Dorm Area) Modify the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger.6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15".	5	$ 720
204105	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 (Dorm Area) Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	5	$ 200
204106	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The height of controls are not compliant. Men's Restroom (Dorm Area) Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 204107. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	$ 200
204107	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Men's Restroom (Dorm Area) Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 204106. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	$ 200
204108	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 (Dorm Area) Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	5	$ 630
204109	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Men's Restroom (Dorm Area) Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	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 rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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	The ramp is required but not provided. Old Medic One Building Provide a compliant ramp or reduce the walking surface to maximum 1:20 (5%) running slope. This barrier must be removed in conjunction with barrier ID 204228. The cost estimate for this barrier removal is based on providing a ramp, rather than grading the running slope to maximum 1:20 (5%). Ramp runs shall have a running slope not steeper than 1:12, and a cross slope not steeper than 1:48. [EXCEPTION: In existing sites built pre-1/26/92, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations.Where slopes are steeper than 1:10 but not steeper than 1:8, the rise shall be 3" maximum. Where slopes are steeper than 1:12 but not steeper than 1:10, the rise shall be 6" maximum.] The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 44" minimum. The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 44" minimum. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] Ramp runs shall have maximum 30" rise. Ramp landings shall be located at the top and bottom of ramp runs, and at turns of ramp direction. Landings shall be 1:48 maximum slope in any direction. Landings shall be minimum 60" length, and as wide as the ramp run, except ramp landings at turns which shall be minimum 60" x 60" minimum. All ramp runs with a rise of 6" or greater shall have handrails on each side of the ramp. Handrails shall be compliant. The top of the handrail gripping surface shall be 34" minimum to 38" maximum vertically above the ramp surface. Provide edge protection on the sides of each ramp run which rises more than 6" and on ramp landings. Compliant edge protection shall be provided on each side of ramp runs and at each side of ramp landings. Compliant edge protection is EITHER a curb or barrier that prevents the passage of a 4" diameter sphere where the sphere is within 4" of the ramp surface OR an extension of the ramp surface 12" minimum beyond the inner face of the rail. [EXCEPTIONS: 1. Edge protection shall not be required on ramps that are not required to have handrails and have sides. 2. Edge protection shall not be required on the sides of ramp landings serving an adjoining ramp run or stairway. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of 1/2" maximum within 10" horizontally of the minimum required landing area.] Ramps and their approaches shall be designed so that water will not accumulate on walking surfaces.	5	$ 16,550
204157	Fire Station 11 and Old Medic One Building / EXTERIOR	Entrance to Building	The pull side of the accessible door does not have the required maneuvering clearances. Old Medic One Building Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	5	$ 1,250
204158	Fire Station 11 and Old Medic One Building / INTERIOR	Kitchen	The kitchen sink does not have knee and toe clearance. Old Medic One Building Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximumunder 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 permit ted 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
204159	Fire Station 11 and Old Medic One Building / INTERIOR	Kitchen	The location of the controls requires reaching across burners. Old Medic One Building Replace the stove or oven with a unit that does not require reaching across burners to access the controls. The location of controls shall not require reaching across burners.	5	$ 759
204160	Fire Station 11 and Old Medic One Building / INTERIOR	Kitchen	Controls and/or dispensers are not within an allowable reach range. Old Medic One Building Provide redundant controls and an additional microwave so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	$ 1,598
204161	Fire Station 11 and Old Medic One Building / INTERIOR	Kitchen	Controls and/or dispensers are not within an allowable reach range. Old Medic One Building Relocate the dispenser so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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 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.]	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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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 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.]	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	WASHINGTON: The transfer shower stall is not compliant. Women'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 rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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
204125	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. Women'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
204126	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The wheelchair stall door is not self closing. Women's Restroom (Dorm Area) Remove hinge hardware and replace with hardware which provides self-closing of the door.	5	$ 293
204127	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Women's Restroom (Dorm Area) Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	5	$ 710
204128	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 (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
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 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, 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 maximumunder 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 permit ted 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 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.]	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	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 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.]	5	$ -
204181	Fire Station 12 / INTERIOR	Restroom	Controls on dispensers are not compliant. Men's Restroom 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.	5	$ 200
204182	Fire Station 12 / 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.	5	$ 2,750

FIRE STATION 12					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
204183	Fire Station 12 / 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 rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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
204184	Fire Station 12 / 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.]	5	$ 115
204185	Fire Station 12 / INTERIOR	Restroom	The pull side of the accessible door does not have the required maneuvering clearances. 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 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.	5	$ 1,250
204219	Fire Station 12 / EXTERIOR	Exterior Access Route	A compliant accessible route is not provided from accessible parking to the public facility entrance. Parking Lot 1 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.	1	$ 44
204216	Fire Station 12 / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided and the slope and/or ground surface is/are not compliant. Parking Lot 1 - Stall 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%). 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	$ 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 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.]	5	$ 440
204187	Fire Station 12 / INTERIOR	Interior Access Route	Controls throughout the common area are not compliant. Throughout Building Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	$ 675
204198	Fire Station 12 / INTERIOR	Restroom	The door has less than 32" clear width. Unisex Restroom Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]	5	$ 1,124
204199	Fire Station 12 / INTERIOR	Restroom	The pull side of the accessible door does not have the required maneuvering clearances. Unisex Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with barrier ID 204200. The required depth of the maneuvering clearance is 54" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	5	$ 1,250
204200	Fire Station 12 / INTERIOR	Restroom	Clear widths are not 36" minimum (including protruding objects). Smaller widths of 32" min. to 36" a max. length of 24" and not separated by segments a min. of 48" long and 36" wide min. Unisex Restroom Ensure clear widths of 36" minimum. This barrier must be removed in conjunction with barrier ID 204199. Ensure smaller widths of minimum 32" to 36" are maximum length of 24" separated by segments minimum 48" long and minimum 36" wide.	5	$ 1,000
204201	Fire Station 12 / INTERIOR	Restroom	Pipes are not insulated. Unisex Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	5	$ 65

FIRE STATION 12					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
204202	Fire Station 12 / INTERIOR	Restroom	The height of controls are not compliant. Unisex Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 204203. The cost of this barrier removal is covered under ID 204203 and therefore, the cost of this ID is shown as $0. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	$ -
204203	Fire Station 12 / INTERIOR	Restroom	Controls on dispensers are not compliant. Unisex Restroom Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 204202. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	$ 200
204204	Fire Station 12 / INTERIOR	Restroom	The water closet in a single user / unisex restroom does not have the required clearance. Unisex Restroom Redesign to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	5	$ 1,368
204205	Fire Station 12 / INTERIOR	Restroom	Where provided, shelves are not located within 40" - 48" above the finished floor. Unisex Restroom Install minimum one shelf at a compliant height. Where shelves are provided, at least one shall comply. Accessible shelves in toilet rooms shall be minimum 40" and maximum 48" above the finished floor to the top of the shelf.	5	$ 200
204206	Fire Station 12 / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Unisex Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	$ 115

FIRE STATION 12					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
204207	Fire Station 12 / INTERIOR	Restroom	WASHINGTON: The transfer shower stall is not compliant. Unisex 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 rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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
204944	Fire Station 12 / INTERIOR	Restroom	The centerline of the toilet in the ambulatory stall is not 17" minimum to 19" maximum from the sidewall. Unisex Restroom 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"].	3	$ 630
204232	Fire Station 12 / 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.	5	$ 313
204188	Fire Station 12 / INTERIOR	Restroom	The provided signage is not mounted at the latch side of the door. 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 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.]	5	$ 55
204189	Fire Station 12 / 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 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.	5	$ 1,250
204190	Fire Station 12 / INTERIOR	Restroom	Controls on dispensers are not compliant. Women's Restroom Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	$ 200
204191	Fire Station 12 / 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.]	5	$ 293

FIRE STATION 12					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
204192	Fire Station 12 / INTERIOR	Restroom	The rear grab bar at the water closet is not compliant. Women's Restroom Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	5	$ 355
204193	Fire Station 12 / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	5	$ 355
204194	Fire Station 12 / INTERIOR	Restroom	The water closet in a single user / unisex restroom does not have the required clearance. Women's Restroom Relocate shelving to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	5	$ 500
204195	Fire Station 12 / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	$ 115
TOTAL ESTIMATED COST					**$ 80,566**

FIRE STATION 13					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200260	Fire Station 13 / INTERIOR	Transient Lodging	The required number of guest rooms with communication features is not provided. Dorm Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition).	3	$ 2,000
200262	Fire Station 13 / INTERIOR	Transient Lodging	The clear floor space at the bed is not compliant. Dorm Provide at least one sleeping area in the guest room with clear floor space minimum 30" by minimum 48" oriented parallel to the bed on both sides of the bed. [Exception: Where a single, parallel clear floor space is provided between 2 beds, a clear space is not required on both sides of a bed.]	2	$ 400
200278	Fire Station 13 / EXTERIOR	Entrance to Building	The threshold at the accessible door is greater than ½" in height. Employee Entrance Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	1	$ 179
200239	Fire Station 13 / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Entrance Lobby Provide a compliant counter. This barrier must be removed in conjunction with barrier ID 203062. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	$ 1,804
200240	Fire Station 13 / INTERIOR	Interior Access Route	Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Entrance Lobby Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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, 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 rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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 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.]	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 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, 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.Opera ble parts shall be operable with one hand and shall not 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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	$ 110
200447	Fire Station 14 / INTERIOR	Restroom	The lavatory does not have the required knee clearance. Men's Restroom Modify the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger.6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	3	$ 720

FIRE STATION 14					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200448	Fire Station 14 / INTERIOR	Restroom	The clear floor space at the urinal is less than minimum 30" by minimum 48". Men's Restroom Redesign to provide clear space at the urinal for a forward approach, The clear floor or ground space shall be 30" minimum by 48" minimum, with the 30" dimension parallel with the rear wall behind the urinal. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.]	3	$ 1,100
200449	Fire Station 14 / INTERIOR	Restroom	A wheelchair stall is not provided in a multi-user restroom. Men's Restroom Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.[ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground.	3	$ 2,750
200450	Fire Station 14 / INTERIOR	Restroom	WASHINGTON: The transfer shower stall is not compliant. Men's Restroom Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum.[EXCEPTIONS:1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]	3	$ 7,181
200451	Fire Station 14 / INTERIOR	Restroom	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Men's Restroom Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.	2	$ 300

FIRE STATION 14					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200452	Fire Station 14 / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Men's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 230
200433	Fire Station 14 / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Office Entrance Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	$ 1,250
200416	Fire Station 14 / EXTERIOR	Accessible Parking	The van parking space is less than 132" wide, where the van aisle is less than 96" wide. Parking Lot 1 Remove and re-stripe to provide a van space that is minimum 96" wide, with an adjacent aisle minimum 96" wide, or minimum 132" wide, with an adjacent aisle minimum 60" wide. This barrier must be removed in conjunction with barrier ID 200417 and 200564 - 200567. Van spaces shall be marked to define the width, and shall have a compliant adjacent access aisle. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to accessible stalls and aisles, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle.	1	$ 420
200417	Fire Station 14 / EXTERIOR	Accessible Parking	The parking space slope is greater than 1:50 (2%). Parking Lot 1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] This barrier must be removed in conjunction with barrier ID 200416 and 200564 - 200567. Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 6,300
200564	Fire Station 14 / EXTERIOR	Accessible Parking	WASHINGTON: Compliant signage is not provided at the van space. Parking Lot 1 Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). This barrier must be removed in conjunction with barrier ID 200416, 200417 and 200565 - 200567.The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	$ 280
200565	Fire Station 14 / EXTERIOR	Accessible Parking	WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Lot 1 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." This barrier must be removed in conjunction with barrier ID 200416, 200417 and 200564 - 200567. The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	$ 280
200566	Fire Station 14 / EXTERIOR	Accessible Parking	The access aisle slope is greater than 1:50 (2%). Parking Lot 1 Remove and replace with an adjacent access aisle that is at least 60" wide and has a slope of maximum 1:50 (2%) in all directions. This barrier must be removed in conjunction with barrier ID 200416, 200417 and 200564 - 200567. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 5,000
200567	Fire Station 14 / EXTERIOR	Exterior Access Route	A curb ramp is not provided where the accessible route crosses a curb. Parking Lot 1 Install a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 200416, 200417 and 200564 - 200566. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted.	1	$ 1,750
200465	Fire Station 14 / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	5	$ 1,400

FIRE STATION 14					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200466	Fire Station 14 / EXTERIOR	Exterior Access Route	A curb ramp is not provided where the accessible route crosses a curb. Parking Lot 2 Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted.	5	$ 1,750
200467	Fire Station 14 / EXTERIOR	Accessible Parking	A curb or wheelstop is not provided where needed to prevent encroachment of vehicles over the required accessible route clear width. Parking Lot 2 Install a curb or wheelstop to prevent the encroachment of vehicles over the required accessible route clear width of minimum 44".	1	$ 945
200453	Fire Station 14 / EXTERIOR	Entrance to Building	The accessible door has less than 32" clear width. Patio Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. This barrier must be removed in conjunction with barrier ID 200454. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]	1	$ 2,480
200454	Fire Station 14 / EXTERIOR	Entrance to Building	The threshold at the accessible door is greater than 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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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	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
200445	Fire Station 14 / INTERIOR	Restroom	WASHINGTON: The transfer shower stall is not compliant. Women's Restroom Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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
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 ½" in height. Fire Station - 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	$ 1,079
202294	Fire Station 16 and Shop Building / EXTERIOR	Entrance to Building	The threshold at the accessible door is greater than ½" in height. Fire Station - 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
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 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	$ 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 rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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

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, 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
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 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, 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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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 rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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

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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	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	$ 7,172
202259	Fire Station 16 and Shop Building / EXTERIOR	Exterior Access Route	WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stair 1 (ST1) Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.	3	$ 70
202328	Fire Station 16 and Shop Building / EXTERIOR	Exterior Access Route	WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stair 2 (ST2) Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.	3	$ 281
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 leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	$ 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 leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	$ 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 leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18' minimum by 18' minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	$ 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 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, 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	WASHINGTON: The transfer shower stall is not compliant. Men's and Women's Restrooms Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required hor-izontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and project-ing objects above the grab bar shall be 12" minimum.[EXCEPTIONS:1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fit-tings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and verti-cal grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or hori-zontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or sup-porting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]	3	$ 14,362
203361	Fire Station 17 / INTERIOR	Restroom	The shower controls are not mounted at a height 38" minimum and 48" maximum above the shower floor. Men's and Women's Restrooms Relocate the shower controls, shower spray unit, and faucet. In transfer type shower compartments, the controls, faucets, and shower spray unit shall be installed on the side wall opposite the seat, at a height 38" minimum and 48" maximum above the shower floor. The controls, shower spray unit and faucet shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. In transfer type compartments, grab bars shall be provided across the control wall and back wall to a point 18" from the control wall.	3	$ 650
203363	Fire Station 17 / INTERIOR	Restroom	A transfer seat is provided but is not compliant. Men's and Women's Restrooms Provide a compliant folding or non-folding seat. The shower seat shall be rectangular or L-shaped. All seats shall have the inside edge 2-1/2" maximum from the seat wall. The side edge of all seats shall be 1-1/2" from the adjacent rear wall. The forward edge of the rectangular seat shall extend 15" minimum to 16" maximum from the seat wall. At the narrower part of the L-shaped seat, the inside edge shall be 2-1/2" maximum from the seat wall, and the outside/front edge 15" minimum and 16" maximum from the seat wall. At the wider part of the L-shaped seat closer to the rear wall, the rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the rear wall and the outside/front edge shall be 22" minimum and 23" maximum from the seat wall. In transfer-type showers, the seat shall extend from the back wall to a point within 3" of the compartment entry. The top of the seat shall be 17" minimum and 19" maximum above the bathroom finish floor.	3	$ 1,209
203364	Fire Station 17 / INTERIOR	Restroom	The shower area does not have a compliant bench. Men's and Women's Restrooms Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.	3	$ 1,578
203365	Fire Station 17 / INTERIOR	Interior Access Route	Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Men's and Women's Restrooms Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 400

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	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Unisex Restroom - South Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 300
203378	Fire Station 17 / INTERIOR	Restroom	The accessible dispensers are not at compliant heights. Unisex Restroom - South Remove and relocate dispensers so that the highest operable part is at an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [Advisory for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 200
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 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, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style" Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.]	2	$ 110
200492	Fire Station 18 / INTERIOR	Transient Lodging	The clear floor space at the bed is not compliant. Dorm Room Provide at least one sleeping area in the guest room with clear floor space minimum 30" by minimum 48" oriented parallel to the bed on both sides of the bed. [Exception: Where a single, parallel clear floor space is provided between 2 beds, a clear space is not required on both sides of a bed.]	2	$ 400
200493	Fire Station 18 / INTERIOR	Transient Lodging	The required number of guest rooms with communication features is not provided. Dorm Room Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition).	3	$ 2,000
200507	Fire Station 18 / INTERIOR	Interior Access Route	The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds. Exercise Room Adjust the closer or replace with a door that requires no more than 5 pounds of force for pushing or pulling the door open. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be maximum 5 pounds. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.	1	$ 366
200481	Fire Station 18 / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Fire Office Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	$ 1,804

FIRE STATION 18					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200508	Fire Station 18 / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. Kitchen Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	$ 1,098
200509	Fire Station 18 / INTERIOR	Kitchen	The height of the counter is greater than 34". Kitchen Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	2	$ 1,986
200510	Fire Station 18 / INTERIOR	Kitchen	The kitchen sink does not have knee and toe clearance. Kitchen Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximumunder 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 permit ted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.	2	$ 720
200511	Fire Station 18 / INTERIOR	Kitchen	Items requiring a reach motion, but do not have an operable part, are not within compliant reach ranges. Kitchen Ensure at least one of each type of dispenser is within reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 93
200512	Fire Station 18 / INTERIOR	Kitchen	Controls throughout the common area are not compliant. Kitchen Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	$ 225
200889	Fire Station 18 / INTERIOR	Interior Access Route	Controls throughout the common area are not compliant. Laundry Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	$ 800

FIRE STATION 18					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200490	Fire Station 18 / INTERIOR	Common Areas	The height of the shelving is not within reach range. Laundry Room Install shelving within at least one of the allowable reach ranges. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	$ 200
200888	Fire Station 18	Interior Access Route	Controls throughout the common area are not compliant. Laundry Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	$ 800
200498	Fire Station 18 / INTERIOR	Restroom	The required clearance at the entry to the transfer stall is not provided. Men's & Women's Restroom Reconfigure so shower has required clear floor space. Transfer type shower compartments shall be 36" by 36" clear inside dimensions measured at the center points of opposing sides and shall have a 36" wide minimum entry on the face of the shower compartment. Clearance of 36" wide minimum by 48" long minimum measured from the control wall shall be provided.	3	$ 6,000
200500	Fire Station 18 / INTERIOR	Restroom	Controls on dispensers are not compliant. Men's Restroom Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	$ 200
200501	Fire Station 18 / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Men's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 115
200502	Fire Station 18 / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Men's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 115
200503	Fire Station 18 / INTERIOR	Restroom	Where provided, shelves are not located within 40" - 48" above the finished floor. Men's Restroom Install minimum one shelf at a compliant height. Where shelves are provided, at least one shall comply. Accessible shelves in toilet rooms shall be minimum 40" and maximum 48" above the finished floor to the top of the shelf.	3	$ 200

FIRE STATION 18					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200504	Fire Station 18 / INTERIOR	Restroom	A wheelchair stall is not provided in a multi-user restroom. Men's Restroom Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.[ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground.	3	$ 2,750
200505	Fire Station 18 / INTERIOR	Restroom	Pipes are not insulated. Men's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	$ 65
200471	Fire Station 18 / EXTERIOR	Accessible Parking	WASHINGTON: Signage is not located at the required height for the van accessible space. Parking Lot 1 Provide signage mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background, and "van accessible". Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	$ 280
200472	Fire Station 18 / EXTERIOR	Accessible Parking	WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Lot 1 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	$ 280
200473	Fire Station 18 / EXTERIOR	Exterior Access Route	WASHINGTON: The curb ramp width is less than 44". Parking Lot 1 - Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant ramp that has a minimum clear width of 44". This barrier must be removed in conjunction with barrier ID 200474. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.]	1	$ 1,750
200474	Fire Station 18 / EXTERIOR	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Parking Lot 1 - Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 200473. The cost of this barrier removal is covered under ID 200473 and therefore, the cost of this ID is shown as $0. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	$ -
200477	Fire Station 18 / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	5	$ 1,400

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

FIRE STATION 18					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200494	Fire Station 18 / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Women's Restroom Install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 710
200495	Fire Station 18 / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	$ 355
200496	Fire Station 18 / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Women's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]	3	$ 293
200497	Fire Station 18 / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 115
TOTAL ESTIMATED COST					**$ 34,590**

HARTMAN PARK - REDMOND POOL					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203448	Hartman Park - Redmond Pool / EXTERIOR	Exterior Access Route	A compliant turning space is not provided at a change of direction. Adjacent to Parking Stall P2-1 Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 250
203440	Hartman Park - Redmond Pool / EXTERIOR	Exterior Access Route	The curb ramp does not meet the slope requirements. Curb Ramp CR-1 The curb ramp should be removed and replaced with a compliant ramp with no greater than the maximum allowable slopes of a ramp. This barrier must be removed in conjunction with barrier ID 203442. Ramp runs shall have a running slope not steeper than 1:12 (8.33%). Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 (8.33%) maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. In facilities built before 1/26/92, the running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where flares are provided, flare slopes shall not be greater than 1:10 (10%). [EXCEPTION: In alterations, where there is no landing at the top of curb ramps, curb ramp flares shall be provided and shall not be steeper than 1:12.]	1	$ 1,750
203442	Hartman Park - Redmond Pool / EXTERIOR	Exterior Access Route	The adjacent surfaces at transitions to adjoining walks, gutters and streets at the curb ramp are not at the same level. Curb Ramp CR-1 Replace the curb ramp to ensure that the transitions to adjacent walks, gutters and streets are at the same level. This barrier must be removed in conjunction with barrier ID 203440. The cost of this barrier removal is covered under barrier ID 203440 and therefore, the cost is shown as $0. Provide compliant vertical level change at the intersection of the concrete curb ramp and the adjacent pavement. Changes in level of 1/4" high maximum shall be permitted to be vertical. Changes in level between 1/4" high minimum and 1/2" high maximum shall be beveled with a slope not steeper than 1:2. [Advisory 303.3 Beveled. A change in level of 1/2" is permitted to be 1/4" vertical plus 1/4" beveled. However, in no case may the combined change in level exceed 1/2". Changes in level exceeding 1/2" must comply with requirements for curb ramp slopes.] Changes in level greater than 1/2" high shall be ramped, and shall comply with curb ramp running slope requirements.	1	$ -
203443	Hartman Park - Redmond Pool / EXTERIOR	Exterior Access Route	A compliant turning space is not provided at a change of direction. Parking Lot 1 Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 250
203444	Hartman Park - Redmond Pool / EXTERIOR	Exterior Access Route	The accessible route has areas of vertical level changes in excess of 1/4" that are not beveled or ramped. Parking Lot 1 The accessible route should be repaired to eliminate vertical level changes greater than 1/4". Changes in level of 1/4" high maximum shall be permitted to be vertical. Changes in level between 1/4" high minimum and 1/2" high maximum shall be beveled with a slope not steeper than 1:2. Changes in level greater than 1/2" shall be ramped.	1	$ 40
203445	Hartman Park - Redmond Pool / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided and the slope and/or ground surface is/are not compliant. Parking Lots 1 and 2 Stripe with a compliant accessible van stall and access aisle. This barrier must be removed in conjunction with ID 203441. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Parking spaces and access aisles shall be at the same level as the parking spaces they serve. Changes in vertical level are not permitted. Van parking stalls and access aisles shall have 98" minimum vertical clearance. Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	$ 22,600
203441	Hartman Park - Redmond Pool / EXTERIOR	Accessible Parking	The minimum number of accessible parking spaces is not provided. Parking Lots 1 and 2 Provide required accessible parking spaces that are compliant with applicable standards. This barrier must be removed in conjunction with ID 203445. The cost for this barrier removal is covered by ID 203445, therefore the cost is shown as $0. Parking spaces shall be provided in accordance the below Table 208.2 (Except for allowed EXCEPTIONS). Where more than one parking facility is provided on a site, the number of accessible spaces provided on the site shall be calculated according to the number of spaces required for each parking facility. Total Number of Parking Spaces-Provided in Parking Facility/Minimum Number of Required Accessible Parking Spaces 1 to 25 requires 1 (van); 26 to 50 requires 2 (1 van and 1 car); 51 to 75 requires 3 (1 van and 2 cars); 76 to 100 requires 4 (1 van and 3 cars); 101 to 150 requires 5 (1 van and 4 cars); 151 to 200 requires 6 (1 van and 5 cars); 201 to 300 requires 7 (2 vans and 5 cars); 301 to 400 requires 8 (2 vans and 6 cars); 401 to 500 requires 9 (2 vans and 7 cars); 501 to 1000 requires 2 % of total (1/6 vans and 5/6 cars) 1001 and over requires 20, plus 1 for each 100, or fraction thereof, over 1000 (1/6 vans and 5/6 cars)	1	$ -

HARTMAN PARK - REDMOND POOL					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203446	Hartman Park - Redmond Pool / EXTERIOR	Accessible Parking	An access aisle is not provided. Parking Stall P2-1 Re-stripe and add an adjacent access aisle that is at least 60" wide and has a slope of maximum 1:48 (2.08%) in all directions. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] Access aisles shall adjoin an accessible route. Two parking spaces shall be permitted to share a common access aisle. Accessible routes must connect parking spaces to accessible entrances. In parking facilities where the accessible route must cross vehicular traffic lanes, marked crossings enhance pedestrian safety, particularly for people using wheelchairs and other mobility aids. Where possible, it is preferable that the accessible route not pass behind parked vehicles. Access aisles serving car and van parking spaces shall be 60" wide minimum. Access aisles shall extend the full length of the parking spaces they serve. Access aisles shall be marked so as to discourage parking in them. Access aisles shall not overlap the vehicular way. Access aisles shall be permitted to be placed on either side of the parking space except for angled van parking spaces which shall have access aisles located on the passenger side of the parking spaces. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Access aisles are required to be nearly level in all directions to provide a surface for wheelchair transfer to and from vehicles. The exception allows sufficient slope for drainage. Built-up curb ramps are not permitted to project into access aisles and parking spaces because they would create slopes greater than 1:48. Parking spaces for vans and access aisles and vehicular routes serving them shall provide a vertical clearance of 98" minimum. Width measurements of parking spaces and access aisles shall be made from the centerline of the markings. Where accessible stalls and aisles are not adjacent to accessible stalls and aisles, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle.	1	$ 420
203447	Hartman Park - Redmond Pool / EXTERIOR	Accessible Parking	The slope of the parking space is greater than 1:50 (2%). Parking Stall P2-1 Remove and replace with a parking space that has no more than 1:50 (2%) slope in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 6,300
203449	Hartman Park - Redmond Pool / EXTERIOR	Exterior Access Route	The ramp has a running slope in excess of 1:12 (8.33%) and/or cross slope in excess of 1:48 (2.08%). Ramp R-1 Remove the existing ramp and provide a compliant ramp. Ramp runs shall have a running slope not steeper than 1:12 (8.33%). [EXCEPTION: In existing sites, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. Where slopes are steeper than 1:10 but not steeper than 1:8, the rise shall be 3" maximum. Where slopes are steeper than 1:12 but not steeper than 1:10, the rise shall be 6" maximum.] Ramp runs shall have cross slopes not greater than 1:50 (2%). [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] Either regrade to a maximum running slope of 1:20 (5%) for the walking surface, or provide a compliant ramp. The cost estimate for this barrier removal is based on providing a compliant ramp. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 3,972
203450	Hartman Park - Redmond Pool / EXTERIOR	Exterior Access Route	The accessible route has cross slopes greater than 1:50 (2%). Route from Parking Lot 2 The walkway should be graded to a maximum 1:50 (2%) cross slope. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not exceeding 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 1,600
TOTAL ESTIMATED COST					**$ 37,182**

KING COUNTY COMMUTER PARKING					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202254	King County Commuter Parking	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 202255. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	$ 1,750
202255	King County Commuter Parking	Exterior Access Route	WASHINGTON: Where a detectable warning is located on a curb ramp run, the detectable warning is not compliant. Curb Ramp 1 (CR1) Remove the detectable warning with truncated domes, and install a compliant detectable warning. This barrier must be removed in conjunction with barrier ID 202254. The detectable warning surface shall contrast visually with adjacent surfaces, either light-on-dark or dark-on-light. The detectable warning shall extend 24" minimum in the direction of travel and extend the full width of the curb ramp. The detectable warnings shall be located so the edge nearest the curb line is 6" to 8" from the leading curb line adjacent the vehicular way. Truncated domes shall have a base diameter of .9" to 1.4", a top diameter of 50% to 65% of the base diameter, and a height of 0.2". The domes shall have base to base spacing of minimum 0.65", measured between the most adjacent domes on the grid. Domes shall be aligned in a square grid pattern. [Truncated domes are not currently required on curb ramps].	1	$ 640
202256	King County Commuter Parking	Exterior Access Route	The accessible route has gaps in the surface greater than 1/2" wide. Curb Ramp 1 (CR1) Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.	1	$ 224
203000	King County Commuter Parking	Accessible Parking	A standard accessible stall is not provided. Parking Lot Provide a standard accessible stall with an aisle at a location closest to an accessible facility entrance. This barrier must be removed in conjunction with barrier ID # 202246, 203001 & 203002. The cost to repair this barrier is included in the other barriers.The minimum width of a standard stall is 96". The width of an aisle serving a standard accessible stall shall be 60" minimum. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.]Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted.	1	$ 1,440
203001	King County Commuter Parking	Accessible Parking	WASHINGTON: Compliant signage is not provided at the standard space. Parking Lot Provide a mounted sign for an accessible standard car stall which shall include the International Symbol of Accessibility (ISA). This barrier must be removed in conjunction with barrier ID #202246, 203000 & 203002. The cost to repair this barrier is included in the other barriers.The ISA shall be white on a blue background. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	$ 840
203002	King County Commuter Parking	Accessible Parking	WASHINGTON: The car access aisle signage is not compliant or not provided. Parking Lot Provide a compliant vertical car accessible access aisle sign indicating "No Parking". This barrier must be removed in conjunction with barrier ID #202246, 203000, & 203001. The cost to repair this barrier is included in the other barriers.The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	$ 560
202246	King County Commuter Parking	Accessible Parking	The minimum number of accessible parking spaces is not provided. Parking Lot Provide required accessible parking spaces that are compliant with applicable standards. This barrier must be removed in conjunction with barrier ID 203000, 203001, & 203002. The cost to repair this barrier is included in the other barriers. Parking spaces shall be provided in accordance the below Table 208.2 (Except for allowed EXCEPTIONS). Where more than one parking facility is provided on a site, the number of accessible spaces provided on the site shall be calculated according to the number of spaces required for each parking facility. Total Number of Parking Spaces-Provided in Parking Facility/Minimum Number of Required Accessible Parking Spaces 1 to 25 requires 1 (van); 26 to 50 requires 2 (1 van and 1 car); 51 to 75 requires 3 (1 van and 2 cars); 76 to 100 requires 4 (1 van and 3 cars); 101 to 150 requires 5 (1 van and 4 cars); 151 to 200 requires 6 (1 van and 5 cars); 201 to 300 requires 7 (2 vans and 5 cars); 301 to 400 requires 8 (2 vans and 6 cars); 401 to 500 requires 9 (2 vans and 7 cars); 501 to 1000 requires 2 % of total (1/6 vans and 5/6 cars) 1001 and over requires 20, plus 1 for each 100, or fraction thereof, over 1000 (1/6 vans and 5/6 cars)	1	$ -
202249	King County Commuter Parking	Accessible Parking	The access aisle slope is greater than 1:50 (2%). Parking Lot - Access Aisle Serving Stalls P1 & P2 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 5,000
202250	King County Commuter Parking	Accessible Parking	WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Lot - Access Aisle Serving Stalls P1 & P2 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	$ 280
202253	King County Commuter Parking	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Parking Lot - Southwest Coner Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 1,189

KING COUNTY COMMUTER PARKING					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202248	King County Commuter Parking	Accessible Parking	The slope of the parking space is greater than 1:50 (2%). Parking Lot - Stall P1 Remove and replace with a parking space that has no more than 1:50 (2%) slope in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 6,300
202251	King County Commuter Parking	Accessible Parking	The parking space slope is greater than 1:50 (2%). Parking Lot - Stall P2 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 6,300
202252	King County Commuter Parking	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Parking Lot to Bus Stop - Southeast Corner Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 1,200
TOTAL ESTIMATED COST					**$ 25,723**

MEDIC 23 QUARTERS AT EVERGREEN HOSPITAL					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203414	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Common Areas	The height of the washing machine and dryer are greater than 36" to the top of the units. Garage Replace the washing machine and dryer with units of maximum height 36". This barrier must be removed in conjunction with ID 203763. The cost for this barrier removal is covered by ID 203763, therefore the cost is shown as $0. Top loading machines shall have the door to the laundry compartment located 36" maximum above the finish floor. Front loading machines shall have the bottom of the opening to the laundry compartment located 15" minimum and 36" maximum above the finish floor.	5	$ -
203415	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Interior Access Route	Operable parts or items requiring an obstructed forward reach motion are higher than 48" maximum height where the depth of the obstruction is 20" maximum, or greater than 44" maximum height where the depth of the obstruction is 20" to 25" maximum, or lower than minimum 15" height above finish floor. Garage Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	$ 400
203416	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Interior Access Route	Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Garage Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	$ 200
203763	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Common Areas	The washing machine and dryer controls are not within reach range. Garage Replace the washing machine and dryer with units that have controls within an obstructed high reach range. This barrier must be removed in conjunction with ID 203414. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20" , the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the washer or dryer shall be 36" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	5	$ 1,600
203422	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Kitchen	The location of the controls requires reaching across burners. Kitchen Replace the stove or oven with a unit that does not require reaching across burners to access the controls. The location of controls shall not require reaching across burners.	5	$ 759
203423	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Kitchen	Less than minimum one of each type of operable part is within reach range. Kitchen Install at least one of each type of operable part within reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 400
203424	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Kitchen	The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space. Kitchen Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	5	$ 1,688
203425	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Kitchen	The oven does not have an adjacent work surface which is a minimum height of 28" and maximum height of 34", or an adjustable work surface ranging from minimum 29" to 36" maximum. Kitchen Remove and install a kitchen work surface adjacent to the oven that is maximum 34" height or an adjustable work surface which can be adjusted from minimum 29" to maximum 36". The work surface shall be positioned adjacent to the latch side of a side-hinged oven door, or adjacent to one side of a bottom-hinged oven door. Modify or replace counter to provide a minimum 30" wide section with maximum height 34" with knee and toe clearance adjacent to the oven. The work surface shall also have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	5	$ 2,382
203426	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Interior Access Route	Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Kitchen Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	$ 900

MEDIC 23 QUARTERS AT EVERGREEN HOSPITAL					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203428	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Kitchen	The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Kitchen Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	5	$ 720
203429	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Kitchen Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	5	$ 400
203439	Medic 23 Quarters at Evergreen Hospital / EXTERIOR	Entrance to Building	The maneuvering clearance at the accessible door is not level and clear. Medic Station Entrance Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	$ 1,250
203419	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Interior Access Route	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Rec Room Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	$ 300
203437	Medic 23 Quarters at Evergreen Hospital / EXTERIOR	Exterior Access Route	A curb ramp is not provided where the accessible route crosses a curb. Route to Garage Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. The minimum clear width of a curb ramp run shall be 44". Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted.	1	$ 1,750
203438	Medic 23 Quarters at Evergreen Hospital / EXTERIOR	Exterior Access Route	The accessible route has cross slopes greater than 1:50 (2%). Route to Medic Station Entrance The walkway should be graded to a maximum 1:50 (2%) cross slope. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not exceeding 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 317

MEDIC 23 QUARTERS AT EVERGREEN HOSPITAL					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203430	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Restroom	The entire restroom is not compliant due to limited room dimensions. Water Closet and Shower Room Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Provide a turning space within the restroom. Turning space shall be either a circular space or a T- shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space “changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones.] At least one of each type of fixture, element, control or dispenser in each toilet room shall be accessible, within allowable reach ranges. The bottom of the reflective surface of mirrors, not including the frame, shall be 40" maximum above finish floor when above lavatories and counters, and 35" maximum when not above	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 ½" in height. Southwest Entrance 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 202245 & 202244. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	1	$ 179
202228	Municipal Campus Parking Garage / INTERIOR	Interior Access Route	Handrail extensions are not compliant. Southwest Stair Install handrails so that the gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of the stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. All extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	$ 2,119
202230	Municipal Campus Parking Garage / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Southwest Stair Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 2,184

MUNICIPAL CAMPUS PARKING GARAGE					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202235	Municipal Campus Parking Garage / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Southwest Stair - Level 1 Elevator & Stair Lobby Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 728
202233	Municipal Campus Parking Garage / EXTERIOR	Exterior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the accessible route. Southwest Stair- Level 4 Elevator & Stair Access Install cane detectors or lower the object so that the base of the object is maximum 27" above finish floor. Objects with leading edges more than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4 -1/2" maximum.]	1	$ 728
TOTAL ESTIMATED COST					**$ 24,112**

OLD FIRE STATION TEEN CENTER					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
197401	Old Fire Station Teen Center / EXTERIOR	Entrance to Building	The maneuvering clearance at the accessible door is not level and clear. Entrance E-1 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	$ 1,250
197412	Old Fire Station Teen Center / EXTERIOR	Entrance to Building	The maneuvering clearance at the accessible door is not level and clear. Entrance E-2 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	$ 1,250
197434	Old Fire Station Teen Center / EXTERIOR	Entrance to Building	The maneuvering clearance at the accessible door is not level and clear. Entrance E-3 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	$ 1,250
197393	Old Fire Station Teen Center / EXTERIOR	Entrance to Building	The pull side of the accessible door does not have the required maneuvering clearances. Entrance E-4 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	$ 1,250
197372	Old Fire Station Teen Center / INTERIOR	Entrance to Building	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Entrance E-4 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	1	$ 366
197354	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Front Desk Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 728
199234	Old Fire Station Teen Center / INTERIOR	Common Areas	The service counter does not have 36" wide section that is 36" maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 30" wide section that is 36" maximum, with knee and toe clearance, that is oriented for a forward approach. Front Desk Provide a compliant section of the counter maximum 36" height with either a compliant parallel or a compliant forward approach to the counter. For a parallel approach, a portion of service counter must be 36" minimum wide and 36" maximum above finished floor. Clear space of minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a parallel approach, with the 48" dimension centered on the compliant portion of the counter. For a forward approach, a portion of service counter must be 30" wide and 36" high maximum. Knee and toe clearance shall be provided for a forward approach. Clear floor space minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a forward approach with the 30" dimension centered on the 30" width of the compliant counter section. Clear space at the counter shall be maximum 2.08% in all directions and a firm and stable surface.	2	$ 1,804
197359	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Front Desk - Storage Room, Staff Office Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	$ 400
197355	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Front Desk, Bridge of Promise Office Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	$ 2,500
197340	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Front Entry, Couch Room Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 1,000

OLD FIRE STATION TEEN CENTER					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
197345	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Front Hallway Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	4	$ 5,439
197356	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The space between two doors in a series is less than 48" clear with doors open 90 degrees. Front Office Remove and replace with doors in a series that have at 48" of clear space between them, plus the width of any door swinging into the space. The distance between two hinged or pivoted doors in series and gates in series shall be 48" minimum plus the width of doors or gates swinging into the space.	1	$ 1,080
197358	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The threshold at the accessible door is greater than ½" in height. Front Office - Rear Storage Room Remove and replace with a threshold that is ½" 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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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	A platform lift is required but not provided. Recording Studio Install a platform lift. Platform lifts shall not be attendant-operated and shall provide unassisted entry and exit from the lift. Floor surfaces in platform lifts shall be firm, stable and slip resistant. Clear floor space in platform lifts shall be minimum 30" by minimum 48". Controls for platform lifts shall be within allowable reach ranges, and shall be operable without tight grasping, pinching, or twisting of the wrist. The force required to operate the controls shall not be greater than 5 lbs of force. Platform lifts shall have low-energy power-operated doors or gates. Doors shall remain open for 20 seconds minimum. End doors and gates shall provide a clear width 32" minimum. Side doors and gates shall provide a clear width 42" minimum. [EXCEPTION: Platform lifts serving two landings maximum and having doors or gates on opposite sides shall be permitted to have self-closing manual doors or gates.] If platforms are used, they shall conform with the applicable safety regulations of administrative authorizes having jurisdiction. Platform lifts shall comply with ASME A18.1 (1999 edition or 2003 edition). Platform lifts shall be permitted as a component of an accessible route in an existing building. Platform lifts can be part of the accessible means of egress where standby power is provided, and in the following situations: 1. An accessible route to a performing area and speakers' platforms in occupancies in Group A; 2. An accessible route to wheelchair spaces required to comply with the wheelchair space dispersion requirements; 3. An accessible route to spaces that are not open to the general public with an occupant load of not more than five; 4. An accessible route within a dwelling or sleeping unit; 5. An accessible route to wheelchair seating spaces located in outdoor dining terraces in A-5 occupancies where the means of egress from the dining terraces to a public way are open to the outdoors. 6. An accessible route to raised judges' benches, clerks' stations, jury boxes, witness stands and other raised or depressed areas in a court; 7. An accessible route where existing exterior site constraints make use of a ramp or elevator infeasible.	1	$ 22,525
197364	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Handrails are not compliant. Recording Studio Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.	1	$ 815
197353	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The existing signage is not mounted at the latch side of the door or at a compliant height. Recording Studio Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	$ 55
197368	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Recording Studio Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 400
197370	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Recording Studio Relocate the equipment or redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	$ 250
197366	Old Fire Station Teen Center / INTERIOR	Common Areas	The work surface height is not compliant. Knee and toe clearances are not provided. Recording Studio - Sound Booth Provide work surface tables at a compliant height. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing, other tables or fixtures for personal grooming.	2	$ 1,030
197367	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Recording Studio - Sound Booth Door Relocate equipment or redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	$ 1,250

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

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Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
197320	Old Fire Station Teen Center / INTERIOR	Common Areas	The work surface height is not compliant. Knee and toe clearances are not provided. Show Room - Sound Booth Provide work surface tables at a compliant height. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing, other tables or fixtures for personal grooming.	2	$ 4,764
197321	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The gate does not have a smooth surface within 10" of the ground measured vertically on the push side extending the full width of the gate. Show Room - Sound Booth Provide a swinging gate with a smooth surface within 10" of the ground measured vertically on the push side extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped.	2	$ 160
199421	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Handrails are not provided. Show Room - Sound Booth Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. If children are primary users, is there a second set of handrails with minimum 9" between lower and higher rail and is the lower rail 28" maximum from the ramp surface. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed by newel posts, other construction elements, or obstructions for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.]	1	$ 1,304
199422	Old Fire Station Teen Center / INTERIOR	Interior Access Route	A ramp is required but not provided. Show Room - Sound Booth Provide a compliant ramp or reduce the walking surface to maximum 1:20 (5%) running slope. The cost estimate for this barrier removal is based on providing a ramp, rather than grading the running slope to maximum 1:20 (5%). Ramp runs shall have a running slope not steeper than 1:12, and a cross slope not steeper than 1:48. [EXCEPTION: In existing sites built pre-1/26/92, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations.Where slopes are steeper than 1:10 but not steeper than 1:8, the rise shall be 3" maximum. Where slopes are steeper than 1:12 but not steeper than 1:10, the rise shall be 6" maximum.] The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" minimum. The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" minimum. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] Ramp runs shal have maximum 30" rise. Ramp landings shall be located at the top and bottom of ramp runs, and at turns of ramp direction. Landings shall be 1:48 maximum slope in any direction. Landings shall be minimum 60" length, and as wide as the ramp run, except ramp landings at turns which shall be minimum 60" x 60" minimum. All ramp runs with a rise of 6" or greater shall have handrails on each side of the ramp. Handrails shall be compliant. The top of the handrail gripping surface shall be 34" minimum to 38" maximum vertically above the ramp surface. Provide edge protection on the sides of each ramp run which rises more than 6" and on ramp landings. Compliant edge protection shall be provided on each side of ramp runs and at each side of ramp landings. Compliant edge protection is EITHER a curb or barrier that prevents the passage of a 4" diameter sphere where the sphere is within 4" of the ramp surface OR an extension of the ramp surface 12" minimum beyond the inner face of the rail. [EXCEPTIONS: 1. Edge protection shall not be required on ramps that are not required to have handrails and have sides. 2. Edge protection shall not be required on the sides of ramp landings serving an adjoining ramp run or stairway. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of 1/2" maximum within 10" horizontally of the minimum required landing area.] Ramps and their approaches shall be designed so that water will not accumulate on walking surfaces.	1	$ 12,578
199423	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The ramp run rises 6" or greater but has no handrails. Show Room - Sound Booth Install compliant handrails on each side of ramp.Handrails are required on ramp runs with a rise greater than 6". Handrails are not required on walking surfaces with running slopes less than 1:20. Handrails shall be provided on both sides of ramps. [EXCEPTION: In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.] Handrails shall be continuous within the full length of each ramp run. Inside handrails on ramps shall be continuous between runs. [EXCEPTION: In assembly areas, handrails on ramps shall not be required to be continuous in aisles serving seating.] Handrails shall be at a consistent height above the ramp on both sides of the ramp. Tops of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. [ADVISORY: The requirements for ramp handrails are for adults. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28", measured to the top of the gripping surface from the ramp surface or stair nosing, is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Ramp handrails shall extend horizontally above the landing for 12" minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run. Edge Protection: A curb or barrier shall be provided that prevents the passage of a 4" diameter sphere, where any portion of the sphere is within 4" of the finish floor or ground surface, or the surface of the ramp shall extend 12" minimum beyond the handrail. [EXCEPTIONS: 1. Edge protection is not required on ramps that are not required to have handrails and curb ramps with flares. 2. Edge protection is not required on the sides of ramp landings servings an adjoining ramp run. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of ½" maximum within 10" horizontally of the minimum landing area.]	1	$ 10,080

OLD FIRE STATION TEEN CENTER					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
199424	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The gate is less than 32" in width. Show Room - Sound Booth Gates shall have a minimum clear opening of 32" with the gate open 90°, measured between the face of the gate and the stop. Door and gate openings shall provide a clear width of 32" minimum. Clear openings of doorways or gates with swinging doors and gates shall be measured between the face of the door/gate and the stop, with the door/gate open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]	1	$ 568
199229	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Steps do not have uniform and compliant riser heights and/or tread depths. Show Room - Stage All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. This barrier must be removed in conjunction with ID 197313. The cost for this barrier removal is covered by ID 197313, therefore the cost is shown as $0. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum.	1	$ -
197312	Old Fire Station Teen Center / INTERIOR	Common Areas	An accessible route does not connect the assembly area wheelchair spaces with performing areas. Show Room - Stage Provide an accessible route between the wheelchair spaces in the assembly area and the performing area. Performing areas include stages, arena floors, dressing rooms, locker rooms, and other spaces used by performers. An accessible route is minimum 36" wide, maximum 1:20 (5%) running slope, and maximum 1:50 (2%) cross slope. A stairway is not acceptable as the only available path of travel along an accessible route.	2	$ 6,000
197313	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Stairs have open risers. Show Room - Stage Replace with compliant stairs that have closed risers. Open risers are not permitted. This barrier must be removed in conjunction with ID 199229.	1	$ 5,040
197315	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Handrails are not compliant. Show Room - Stage Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.	1	$ 3,260
197311	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Means of egress signage does not have tactile lettering. Show Room (2), Front Entry, Recording Studio, Couch Room Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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, 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 leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	$ 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

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Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
197342	Old Fire Station Teen Center / INTERIOR	Employee Work Areas	The door does not have 80" minimum vertical clearance from finish floor, excluding door closer hinged bar and door stops which can be 78" minimum. Staff Offices (2), Front Desk (2), Bridge of Promise Office Provide accessible door with 80" minimum vertical clearance. [EXCEPTION: Door closer and door stops can be 78" minimum.]	5	$ 13,000
197309	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The existing signage is not mounted at the latch side of the door or at a compliant height. Staff Offices, Staff Meeting Room Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	$ 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	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	$ 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 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, 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	Less than 3% of the detention cells are mobility cells. Jail Cells J106, J107, J111, J125, J127 Provide a minimum of 3%, but no fewer than one, of the total number of cells being altered or constructed until at least 3%, but no fewer than one, of the total number of cells in a facility. provide mobility features. Required mobility features are: Where separate holding cells are provided for adult male, juvenile male, adult female or juvenile female, one of each type shall comply. Where central holding cells are provided and are not separated by age or sex, at least one cell shall have mobility features. Provide a wheelchair toilet stall within the cell with minimum dimensions: 60" minimum wide by 56" minimum deep for a wall hung toilet or 60" minimum wide by 59" minimum deep for floor mounted toilet. The lavatory shall not overlap the required clear space at the toilet of minimum 60" measured from side wall and minimum 56" measured from rear wall. Measurements shall be perpendicular to the wall. A turning space minimum 60" in diameter, or a T-shaped space shall be provided within the cell. A T-shaped turning space shall be within a 60" square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each directions and the base shall be clear of obstructions 24" minimum. The approach to the turning space shall be 48" wide minimum and the exit 42" wide minimum. The bed shall have an adjacent clear space of 30" minimum by 48" minimum, with the 48" long dimension parallel with length of the bed. Where audible emergency alarm systems are provided to serve the occupants of cells, the cell shall be equipped with an visible emergency alarm system. [EXCEPTION: Visible alarms shall not be required where inmates or detainees are not allowed independent means of egress.] Where a bench is provided, the bench shall have adjacent clear space minimum 30" by minimum 48" at the end of the bench, with the 48" dimension parallel to the short axis of the bench. The bench shall have the following dimensions: 20" minimum to 24" maximum deep by 42" minimum long bench, fixed either against a wall or with backrest along the longer dimension. The top of the bench seat shall be 17" minimum and 19" maximum from finish floor. The backrest shall be minimum 42" long, with extension from a point 2" maximum above seat surface to 18" minimum above seat surface, and maximum 2 1/2" behind the rear edge of the seat. all parts of the seat have structural strength to support 250 LBS vertical or horizontal stress applied to all points on seat, fastener, or mounting device. When installed in possible wet locations, the surface of the seat shall be slip resistant, and designed to not accumulate water. [EXCEPTION: Alterations to cells shall not be required to comply except to the extent determined by the U. S. Attorney General.] Although these requirements do not specify that cells be accessible as a consequence of an alteration, Title II of the ADA requires that each service, program, or activity conducted by a public entity, when viewed in its entirety, be readily accessible to and usable by individuals with disabilities. This requirement must be met unless doing so would fundamentally alter the nature of a service, program, or activity or would result in undue financial and administrative burdens. Buildings, facilities, or portions thereof, in which people are detained for penal or correction purposes, or in which the liberty of the inmates is restricted for security reasons shall comply. Alterations to jails, prisons, and other detention and correctional facilities shall comply with the 2010 Standards, except that public entities shall provide compliant accessible mobility features for a minimum of 3%, but no fewer than one, of the total number of cells being altered until at least 3%, but no fewer than one, of the total number of cells in a facility shall provide compliant mobility features . Altered cells with mobility features shall be provided in each classification level. However, when alterations are made to specific cells, detention and correctional facility operators may satisfy their obligation to provide the required number of cells with mobility features by providing the required mobility features in substitute cells (cells other than those where alterations are originally planned), provided that each substitute cell— (i) Is located within the same prison site; (ii) Is integrated with other cells to the maximum extent feasible; (iii) Has, at a minimum, equal physical access as the altered cells to areas used by inmates or detainees for visitation, dining, recreation, educational programs, medical services, work programs, religious services, and participation in other programs that the facility offers to inmates or detainees; and, (iv) If it is technically infeasible to locate a substitute cell within the same prison site, a substitute cell must be provided at another prison site within the corrections system. [Advisory 807.2.4 Toilet and Bathing Facilities. In holding cells, housing cells, or rooms required to be accessible, these requirements do not require a separate toilet room.] Altered cells with mobility features shall be provided in each classification level. General holding cells and general housing cells shall be provided. [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	3	$ 13,550
201337	Public Safety Building / 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". 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.]	1	$ 293
201338	Public Safety Building / INTERIOR	Common Areas	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.	2	$ 290
202900	Public Safety Building / INTERIOR	Restroom	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.]	3	$ 115
202901	Public Safety Building / INTERIOR	Restroom	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.]	3	$ 200

PUBLIC SAFETY BUILDING					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202902	Public Safety Building / INTERIOR	Restroom	The entire restroom is not compliant due to limited room dimensions, non-compliant fixtures and layout. Jail Restroom/Shower J123 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 sinks and counters	3	$ 12,000
201343	Public Safety Building / INTERIOR	Restroom	WASHINGTON: The transfer shower stall is not compliant. Jail Restroom/Shower J123 Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required hor-izontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and project-ing objects above the grab bar shall be 12" minimum.[EXCEPTIONS:1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fit-tings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and verti-cal grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or hori-zontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or sup-porting 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
201344	Public Safety Building / INTERIOR	Restroom	The height of controls throughout the common area are not compliant. Jail Restroom/Shower J123 Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	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	WASHINGTON: The roll-in shower stall is not compliant. Men's Lockers 160 & Women's Lockers 163 Provide a compliant roll-in shower. SHOWER SIZE AND SEAT: Standard roll-in-type shower compartments shall have a clear inside dimension of 60" minimum in width and 30" minimum in depth, measured at the center point of opposing sides. An entry 60“ minimum in width shall be provided. Provide clearance of 60" minimum long adjacent to the 60" width of the open face of the shower compartment, and 30" minimum deep. [EXCEPTION: A lavatory shall be permitted at the end of the clearance opposite the seat.] A folding seat shall be provided on an end wall. [EXCEPTIONS: 1. A seat is not required to be installed in a shower for a single occupant accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located to permit the installation of a shower seat. 2. A fixed seat shall be permitted where the seat does not overlap the minimum clear inside dimension.] Alternate roll-in shower compartments shall have a clear inside dimension of 60" minimum in width, and 36" deep, measured at the center point of opposing sides. An entry 36" minimum in width shall be provided at one end of the 60" width of the compartment. A seat wall, 24" minimum and 36" maximum in length, shall be provided on the entry side of the compartment. A folding seat shall be provided on the seat wall opposite the back wall. [EXCEPTION: A seat is not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of a shower seat.] SHOWER SEATS: The height of shower compartment seats shall be 17 minimum and 19" maximum above the bathroom floor, measured to the top of the seat. In transfer-type and alternate roll-in-type showers, the seat shall extend along the seat wall to a point within 3" of the compartment entry. In standard roll-in-type showers, the seat shall extend from the control wall to a point within 3" of the compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the control wall of a roll-in-type shower. The rear edge of an L shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] In standard roll-in type showers, a grab bar shall be provided on the back wall beginning at the edge of the seat. The grab bars shall not be provided above the seat. The back wall grab bar shall extend the length of the wall but shall not be required to exceed 48" length. Where a side wall is provided opposite the seat within 72" of the seat wall, a grab bar shall be provided on the side wall opposite the seat. The side wall grab bar shall extend the length of the wall but shall not be required to exceed 30" length. In alternate roll-in type showers, grab bars shall be provided on the back wall and the end wall adjacent to the seat. Grab bars shall not be provided above the seat. For both standard and alternate roll-in showers, grab bars shall be 6" maximum from the adjacent wall. Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor, measured to the top of the gripping surface Grab bars with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Grab bars with a noncircular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below and at the ends of the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum. Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal grab bars may be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. CONTROLS: In standard roll-in showers, the controls and hand shower shall be located on the back wall above the grab bar, 48" maximum above the shower floor and 16" minimum and 27" maximum from the end wall behind the seat. In alternate roll-in showers, the controls and hand shower shall be located 38" minimum and 48" maximum above the shower floor. In alternate roll-in showers with	3	$ 9,500
201245	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 Lockers 160 & Women's Lockers 163 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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
201246	Public Safety Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Men's Lockers 160 & Women's Lockers 163 Install at least on coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 230
202823	Public Safety Building / INTERIOR	Restroom	The height of controls are not compliant. Men's Lockers 160 & Women's Lockers 163 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 400
201208	Public Safety Building / INTERIOR	Restroom	The pull side of the accessible door does not have the required maneuvering clearances. Men's Restroom 120 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	3	$ 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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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	The entire restroom is not compliant due to limited room dimensions. Men's Restroom 141 & Women's Restroom 142 Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Provide a turning space within the restroom. Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones.] At least one of each type of fixture, element, control or dispenser in each toilet room shall be accessible, within allowable reach ranges. The bottom of the reflective surface of mirrors, not including the frame, shall be 40" maximum above finish floor when above lavatories and counters, and 35" maximum when not above sinks and counters	3	$ 24,000
201226	Public Safety Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Men's Restroom 141 & Women's Restroom 142 Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 202764. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	$ 400
201227	Public Safety Building / INTERIOR	Restroom	The hardware at the accessible door requires tight grasping, pinching or twisting of the wrist to operate Men's Restroom 141 & Women's Restroom 142 Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	$ 586
202764	Public Safety Building / INTERIOR	Restroom	The height of controls are not compliant. Men's Restroom 141 & Women's Restroom 142 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 201226. The cost of this barrier removal is covered under ID 201226 and therefore, the cost of this ID is shown as $0. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ -
202820	Public Safety Building / INTERIOR	Restroom	The height of controls are not compliant. Men's Restroom 178, 179, 180, 182 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 200
202821	Public Safety Building / INTERIOR	Restroom	The shelf is not located between 40" minimum and 48" maximum above finish floor. Men's Restroom 178, 179, 180, 182 Relocate a shelf to 40" minimum and 48" maximum above finish floor.	3	$ 150

PUBLIC SAFETY BUILDING					
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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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 of 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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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 leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	$ 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 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

PUBLIC SAFETY BUILDING					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201201	Public Safety Building / INTERIOR	Interior Access Route	An accessible route does not connect the assembly area wheelchair spaces with performing areas. Training Room 116 Provide an accessible route between the wheelchair spaces in the assembly area and the performing area. Performing areas include stages, arena floors, dressing rooms, locker rooms, and other spaces used by performers. An accessible route is minimum 36" wide, maximum 1:20 (5%) running slope, and maximum 1:50 (2%) cross slope. A stairway is not acceptable as the only available path of travel along an accessible route.	2	$ 1,614
201202	Public Safety Building / INTERIOR	Interior Access Route	Handrails are not provided. Training Room 116 Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. If children are primary users, is there a second set of handrails with minimum 9" between lower and higher rail and is the lower rail 28" maximum from the ramp surface. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed by newel posts, other construction elements, or obstructions for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.]	1	$ 1,304
201203	Public Safety Building / INTERIOR	Interior Access Route	Handrails are not compliant - the gripping surface is not within 1.25" 2" in diameter, or does not provide a non circular grip that has a perimeter dimension of 4"- 6.25" max Training Room 116 Modify handrails to have a gripping surface 1.25" 2" in diameter or a non circular grip that has a perimeter dimension of 4"- 6.25" max	1	$ 7,700
201350	Public Safety Building / INTERIOR	Interior Access Route	The ramp running slope exceeds 1:12 (8.33%). Training Room 116 Remove and replace areas of the ramp run to provide a ramp run with maximum slopes 1:12 (8.33%). The cross slope of ramp surfaces shall be no greater than 1:50 (2.0%). [EXCEPTION: Cross slopes not greater than 1:48 are permitted.] Ramp runs shall have a running slope not steeper than 1:12. [EXCEPTION: In existing sites, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. Maximum Ramp Slope and Rise for Existing Sites, Buildings, and Facilities: Slope-Steeper than 1:10 but not steeper than 1:8; Maximum Rise is 3"; Steeper than 1:12 but not steeper than 1:10; Maximum Rise is 6". A slope steeper than 1:8 is prohibited.]	1	$ 13,240
201351	Public Safety Building / INTERIOR	Common Areas	Assembly areas do not provide wheelchair spaces. Training Room 116 Wheelchair spaces shall be provided. A single wheelchair space is minimum 36" wide. Where two wheelchair spaces adjoin, the wheelchair spaces shall be minimum 33" wide. When approached from the front or rear, wheelchair spaces shall be minimum 48" deep. Wheelchair spaces approached from the side shall be minimum 60" deep. One side of the wheelchair space shall connect to, but be separate from, an accessible route and shall not overlap the circulation path. In row seating, at least one companion seat shall be provided adjacent to each required wheelchair space. Number of Wheelchair Spaces in Assembly Areas Number of Seats- Minimum Number of Required Wheelchair Spaces: 4 to 25 requires 1; 26 to 50 requires 2; 51 to 150 requires 4; 151 to 300 requires 5; 301 to 500 requires 6; 501 to 5000 requires 6, plus 1 for each 150, or fraction thereof, between 501 through 5000; 5001 and over requires 36, plus 1 for each 200, or fraction thereof, over 5000. Wheelchair spaces shall provide compliant lines of sight. In providing lines of sight, wheelchair spaces shall be dispersed. Wheelchair spaces shall provide spectators with choices of seating locations and viewing angles that are substantially equivalent to, or better than, the choices of seating locations and viewing angles available to all other spectators. When the number of wheelchair spaces required has been met, further dispersion shall not be required. Wheelchair spaces shall be dispersed horizontally. [EXCEPTIONS: 1. Horizontal dispersion shall not be required in assembly areas with 300 or fewer seats if the companion seats required and wheelchair spaces are located within the 2nd or 3rd quartile of the total row length. Intermediate aisles shall be included in determining the total row length. If the row length in the 2nd and 3rd quartile of a row is insufficient to accommodate the required number of companion seats and wheelchair spaces, the additional companion seats and wheelchair spaces shall be permitted to be located in the 1st and 4th quartile of the row. 2. In row seating, two wheelchair spaces shall be permitted to be located side-by-side.] Wheelchair spaces shall be dispersed vertically at varying distances from the screen, performance area, or playing field. In addition, wheelchair spaces shall be located in each balcony or mezzanine that is located on an accessible route. [EXCEPTIONS: 1. Vertical dispersion shall not be required in assembly areas with 300 or fewer seats if the wheelchair spaces provide viewing angles that are equivalent to, or better than, the average viewing angle provided in the facility.]	2	$ 944
201352	Public Safety Building / INTERIOR	Common Areas	The assistive listening device is not compliant or is not provided. Training Room 116 Provide 3 assistive listening devices per the table at the bottom. Each assembly area required to provide assistive listening systems shall provide signs informing patrons of the availability of the assistive listening system. Assistive listening signs shall comply and shall include the International Symbol of Access for Hearing Loss. [EXCEPTION: Where ticket offices or windows are provided, signs shall not be required at each assembly area provided that signs are displayed at each ticket office or window informing patrons of the availability of assistive listening systems]. Receivers required for use with an assistive listening system shall include a 1/8" standard mono jack. Receivers required to be hearing-aid compatible shall interface with telecoils in hearing aids through the provision of neck loops. Neck loops and headsets that can be worn as neck loops are compatible with hearing aids. Receivers that are not compatible include earbuds, which may require removal of hearing aids, earphones, and headsets that must be worn over the ear, which can create disruptive interference in the transmission and can be uncomfortable for people wearing hearing aids. Assistive listening systems shall be capable of providing a sound pressure level of 110 dB minimum and 118 dB maximum with a dynamic range on the volume control of 50 dB. The signal-to-noise ratio for internally generated noise in assistive listening systems shall be 18 dB minimum. Peak clipping shall not exceed 18 dB of clipping relative to the peaks of speech. For 50 or less seating capacity, provide a minimum of 2 receivers, both of which shall be hearing-aid compatible. For 51 to 200 seating capacity, provide a minimum of 2 receivers, plus 1 per 25 seats over 50 seats, with a minimum two receivers which shall be hearing-aid compatible. For 201 to 500 seating capacity, provide a minimum of 2 receivers, plus 1 per 25 seats over 50 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 501 to 1000 seating capacity, provide a minimum of 20 receivers, plus 1 per 33 seats over 500 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 1001 to 2000 seating capacity, provide a minimum of 35 receivers, plus 1 per 50 seats over 1000 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 2001 and over seating capacity, provide a minimum of 55 receivers, plus 1 per 100 seats over 2000 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible.	2	$ 3,750
201353	Public Safety Building / INTERIOR	Common Areas	The work surface height is not compliant. Knee and toe clearances are not provided. Training Room 116 Provide work surface tables at a compliant height. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing, other tables or fixtures for personal grooming.	2	$ 450

PUBLIC SAFETY BUILDING					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201197	Public Safety Building / INTERIOR	Interior Access Route	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Training Room Lobby 118 Install accessible drinking fountain(s) with a 30" wide clear floor space. No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	4	$ 5,439
201182	Public Safety Building / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Unisex Restroom 111 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	$ 55
201183	Public Safety Building / INTERIOR	Restroom	Pipes are not insulated. Unisex Restroom 111 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	$ 65
201184	Public Safety Building / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Unisex Restroom 111 Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	$ 200
201185	Public Safety Building / INTERIOR	Restroom	The height of controls are not compliant. Unisex Restroom 111 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 200
201186	Public Safety Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Unisex Restroom 111 Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 115
201187	Public Safety Building / INTERIOR	Restroom	The shelf is not located between 40" minimum and 48" maximum above finish floor. Unisex Restroom 111 Relocate a shelf to 40" minimum and 48" maximum above finish floor.	3	$ 180
201188	Public Safety Building / INTERIOR	Restroom	The flush control is located on the closed side and/or is not within reach range. Unisex Restroom 111 Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments.	3	$ 313

PUBLIC SAFETY BUILDING					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201189	Public Safety Building / INTERIOR	Restroom	The height of the water closet is not 17" minimum to 19" maximum above finished floor. Unisex Restroom 111 Remove and replace with a toilet that has a compliant seat height. The seat height of a water closet shall be 17" minimum and 19" maximum above the finish floor, measured to the top of the seat. Seats shall not be sprung to return to a lifted position. [EXCEPTIONS: 1. A water closet in a toilet room for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling units, the height of water closets shall be permitted to be 15" minimum and 19" maximum above the finish floor measured to the top of the seat.] [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 630
201190	Public Safety Building / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Unisex Restroom 111 Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]	3	$ 293
201191	Public Safety Building / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Unisex Restroom 111 Install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 710
201192	Public Safety Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Unisex Restroom 111 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	$ 355
201229	Public Safety Building / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Vestibule 189 Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 728
201217	Public Safety Building / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Waiting 129 Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	$ 1,804
201307	Public Safety Building / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Waiting Room 230 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	$ 1,250
201255	Public Safety Building / INTERIOR	Restroom	The flush control is located on the closed side and/or is not within reach range. Women's Lockers 163 Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments.	3	$ 313
201256	Public Safety Building / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Women's Lockers 163 Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]	3	$ 293
201215	Public Safety Building / INTERIOR	Restroom	The force required to open the interior, hinged, non-fire door is more than 5 pounds. Women's Restroom 121 Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.	3	$ 366

PUBLIC SAFETY BUILDING					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201216	Public Safety Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Women's Restroom 121 Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	$ 200
201257	Public Safety Building / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Women's Restroom 167, 168, 169, 171, 172, 173 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	$ 55
201258	Public Safety Building / INTERIOR	Restroom	Pipes are not insulated. Women's Restroom 167, 168, 169, 171, 172, 173 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	$ 130
201259	Public Safety Building / INTERIOR	Restroom	The height of controls are not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 202826. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 600
201260	Public Safety Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	$ 200
201261	Public Safety Building / INTERIOR	Restroom	The wheelchair stall door is not self closing. Women's Restroom 167, 168, 169, 171, 172, 173 Remove hinge hardware and replace with hardware which provides self-closing of the door.	3	$ 293
201262	Public Safety Building / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	$ 293
201263	Public Safety Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Women's Restroom 167, 168, 169, 171, 172, 173 Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 115
201264	Public Safety Building / INTERIOR	Restroom	The flush control is located on the closed side and/or is not within reach range. Women's Restroom 167, 168, 169, 171, 172, 173 Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments.	3	$ 313

PUBLIC SAFETY BUILDING					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201265	Public Safety Building / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 710
201266	Public Safety Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom 167, 168, 169, 171, 172, 173 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	$ 355
201267	Public Safety Building / INTERIOR	Restroom	The height of controls are not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 500
201269	Public Safety Building / INTERIOR	Restroom	The locker area does not have a compliant bench. Women's Restroom 167, 168, 169, 171, 172, 173 Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.	3	$ 600
202826	Public Safety Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 201259. The cost of this barrier removal is covered under ID 201259 and therefore, the cost of this ID is shown as $0. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	$ -
201301	Public Safety Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Women's Restroom 258 Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	$ 200
201302	Public Safety Building / INTERIOR	Restroom	The height of controls are not compliant. Women's Restroom 258 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 500
201284	Public Safety Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Women's Restroom 285 Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	$ 200
201285	Public Safety Building / INTERIOR	Restroom	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Women's Restroom 285 Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 630

PUBLIC SAFETY BUILDING					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201286	Public Safety Building / INTERIOR	Restroom	The wheelchair stall door is not self closing. Women's Restroom 285 Remove hinge hardware and replace with hardware which provides self-closing of the door.	3	$ 293
201193	Public Safety Building / INTERIOR	Kitchen	The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Work Room 107 Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor.	2	$ 720
201194	Public Safety Building / INTERIOR	Kitchen	Controls throughout the common area are not compliant. Work Room 107 Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	$ 225
TOTAL ESTIMATED COST					**$ 342,721**

REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203311	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Administration Offices Relocate objects or install cane detectors. This barrier must be removed in conjunction with ID 203732. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 1,456
203732	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Administration Offices Remove and lower to a compliant reach range. This barrier must be removed in conjunction with ID 203311. The cost for this barrier removal is covered by ID 203311, therefore the cost is shown as $0. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ -
203232	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	The existing signage is not mounted at the latch side of the door or at a compliant height. Administration Offices, Class 116, Conference Rooms 124, 202, 203, 204 Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	$ 440
203224	Redmond Community Center @ Marymoor Village / EXTERIOR	Exterior Access Route	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Ballot Drop Box Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 200
203240	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Class 116 Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48' maximum and the low side reach shall be 15' minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10' maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 200
203236	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Class 116, Conference Rooms 117, 124, 202, 203, 204 Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	$ 5,000
203238	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	Protruding objects in the 27' to 80' range above finished floor protrude more than 4' into the circulation path along the interior accessible route. Class 116, Conference Rooms 124, 202, 203, 204 Relocate dispensers. This barrier must be removed in conjunction with ID 203239. The cost for this barrier removal is covered by ID 203239 and 203728. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 1,200
203239	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	The push side of the accessible door does not have the required maneuvering clearances. Class 116, Conference Rooms 202, 203, 204 Redesign to provide the required maneuvering clearance on the push side the door. This barrier must be removed in conjunction with ID 203238. The cost for this barrier removal is covered by ID 203238, therefore the cost is shown as $0. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	$ -

REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203237	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Class 116, Kitchen and Storage, Conference Rooms 124, 202, 203, 204 Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48' minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60' maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18' minimum by 18' minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	$ 550
203234	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Class 116, Kitchen, Conference Rooms 124, 202, 203, 204 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	1	$ 3,294
203271	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Classroom 206 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	$ 1,250
203235	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	At least one each of shelves, clothes rod, drawer, hook, closets or cabinets are not within reach range. Conference Room 117 Provide a minimum of one of each item within reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 150
203728	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Conference Room 124 Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with ID 203238. The cost for this barrier removal is covered by ID 203238, therefore the cost is shown as $0. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	$ -
203281	Redmond Community Center @ Marymoor Village / INTERIOR	Kitchen	The clear floor space at the refrigerator/freezer is not positioned for a parallel approach to the space dedicated for the refrigerator/freezer with the centerline of the clear floor or ground space offset 24" maximum from the centerline of the dedicated space. Employee Break Room Relocate the obstructions so that the clear floor space at the refrigerator/freezer is positioned for a parallel approach to the space dedicated for the refrigerator/freezer with the centerline of the clear floor or ground space offset 24" maximum from the centerline of the dedicated space. Floor or ground surfaces of a clear floor or ground space shall comply: Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Clear Floor spaces for appliances shall be permitted to overlap.	5	$ 701
203282	Redmond Community Center @ Marymoor Village / INTERIOR	Kitchen	The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space. Employee Break Room Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	5	$ 1,351

REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203283	Redmond Community Center @ Marymoor Village / INTERIOR	Kitchen	The kitchen sink does not have knee and toe clearance. Employee Break Room Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximumunder 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 permit ted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.	5	$ 720
203284	Redmond Community Center @ Marymoor Village / INTERIOR	Kitchen	Exposed pipes lack insulation and/or sharp or abrasive surfaces are present under the sink. Employee Break Room Provide insulation on all exposed pipes at sinks requiring knee and toe clearance. Modify or insulate sharp or abrasive surfaces under the sink. A minimum of one sink in a multi-sink kitchen shall be compliant.	5	$ 65
203285	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Employee Break Room and Fitness Center Office Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	$ 400
203310	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Entrance E-1 Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 300
203293	Redmond Community Center @ Marymoor Village / EXTERIOR	Exterior Access Route	The accessible route has gaps in the surface greater than 1/2" wide. Entrance E-2 Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.	1	$ 237
203313	Redmond Community Center @ Marymoor Village / EXTERIOR	Entrance to Building	The maneuvering clearance at the accessible door is not level and clear. Entrance E-3 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is X" minimum. The required side clearance is Y" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	$ 1,250
203267	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	Means of egress signage does not have tactile lettering. Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18' minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style' Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.]	2	$ 220
203309	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Fitness Center Relocate dispensers or provide cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 1,456

REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203305	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Fitness Center Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped.Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.]	2	$ 400
203307	Redmond Community Center @ Marymoor Village / INTERIOR	Common Areas	The dining table does not have compliant knee and toe clearance. Fitness Center - Employee Offices Provide dining tables with knee and toe clearance. Dining tables shall be minimum 28" and maximum 34" high. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	5	$ 1,000
203308	Redmond Community Center @ Marymoor Village / INTERIOR	Employee Work Areas	The work surface is not compliant. Fitness Center - Office Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground.	5	$ 1,030
203258	Redmond Community Center @ Marymoor Village / INTERIOR	Kitchen	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Kitchen Relocate part to a compliant reach range. This barrier must be removed in conjunction with ID 203259. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 200
203259	Redmond Community Center @ Marymoor Village / INTERIOR	Kitchen	Protruding objects in the 27' to 80' range above finished floor protrude more than 4' into the circulation path along the interior accessible route. Kitchen Relocate or install cane detectors. This barrier must be removed in conjunction with ID 203258. The cost for this barrier removal is covered by ID 203258, therefore the cost is shown as $0. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ -
203260	Redmond Community Center @ Marymoor Village / INTERIOR	Kitchen	The accessible sink is not installed with the front of the higher of the rim or counter surface 34' maximum above finished floor. Kitchen Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34' maximum above finished floor.	2	$ 720
203261	Redmond Community Center @ Marymoor Village / INTERIOR	Kitchen	Exposed pipes lack insulation and/or sharp or abrasive surfaces are present under the sink. Kitchen Provide insulation on all exposed pipes at sinks requiring knee and toe clearance. Modify or insulate sharp or abrasive surfaces under the sink. A minimum of one sink in a multi-sink kitchen shall be compliant.	2	$ 65
203262	Redmond Community Center @ Marymoor Village / INTERIOR	Kitchen	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Kitchen Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 400
203263	Redmond Community Center @ Marymoor Village / INTERIOR	Kitchen	A minimum 30" wide section of the counter is not a minimum height of 28" and maximum height of 34" with knee and toe clearance. Kitchen Remove and install a kitchen counter that has a minimum 30" wide section of the work surface at minimum 28" height and maximum 34" height, and provides knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	4	$ 2,382

REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203264	Redmond Community Center @ Marymoor Village / INTERIOR	Kitchen	The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space. Kitchen Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20' maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48' maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10' maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	4	$ 1,688
203265	Redmond Community Center @ Marymoor Village / INTERIOR	Concession Stand	The service counter does not have 36' wide section that is 36' maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 30" wide section that is 36" maximum, with knee and toe clearance, that is oriented for a forward approach. Kitchen Service Counter Provide a compliant section of the counter maximum 36" height with either a compliant parallel or a compliant forward approach to the counter. For a parallel approach, a portion of service counter must be 36' minimum wide and 36' maximum above finished floor. Clear space of minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a parallel approach, with the 48" dimension centered on the compliant portion of the counter. For a forward approach, a portion of service counter must be 30" wide and 36" high maximum. Knee and toe clearance shall be provided for a forward approach. Clear floor space minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a forward approach with the 30" dimension centered on the 30" width of the compliant counter section. Clear space at the counter shall be maximum 2.08% in all directions and a firm and stable surface.	2	$ 1,804
203266	Redmond Community Center @ Marymoor Village / INTERIOR	Concession Stand	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Kitchen Service Counter Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48' maximum and the low side reach shall be 15' minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10' maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 200
203299	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Lecture Hall 133 Relocate the dispenser. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 200
203300	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	The ramp running slope exceeds 1:12 (8.33%). Lecture Hall 133 Remove and replace areas of the ramp run to provide a ramp run with maximum slopes 1:12 (8.33%). This barrier must be removed in conjunction with ID 203301. The cost for this barrier removal is covered by ID 203301, therefore the cost is shown as $0. The cross slope of ramp surfaces shall be no greater than 1:50 (2.0%). [EXCEPTION: Cross slopes not greater than 1:48 are permitted.] Ramp runs shall have a running slope not steeper than 1:12. [EXCEPTION: In existing sites, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. Maximum Ramp Slope and Rise for Existing Sites, Buildings, and Facilities: Slope-Steeper than 1:10 but not steeper than 1:8; Maximum Rise is 3"; Steeper than 1:12 but not steeper than 1:10; Maximum Rise is 6". A slope steeper than 1:8 is prohibited.]	1	$ -
203301	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	The clear width of the ramp is less than 36". Lecture Hall 133 Remove and replace with a ramp that is at least 36" in width. This barrier must be removed in conjunction with ID 203300. The minimum clear width of a ramp shall be 36". The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" (915 mm) minimum. EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.	1	$ 18,536
203303	Redmond Community Center @ Marymoor Village / INTERIOR	Common Areas	The work surface height is not compliant. Knee and toe clearances are not provided. Lecture Hall 133 Provide work surface tables at a compliant height. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing, other tables or fixtures for personal grooming.	2	$ 1,000
203295	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	The rear grab bar in the wheelchair stall is not compliant. Men's and Women's Restrooms - Downstairs Remove and install a compliant rear grab bar in the wheelchair stall. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 710

REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203272	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	The provided signage is not mounted at the latch side of the door or at a compliant height. Men's and Women's Restrooms - Upstairs and Downstairs Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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.]	3	$ 220
203273	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	The lavatory is mounted higher than 34" to the higher of the rim or counter. Men's and Women's Restrooms - Upstairs and Downstairs Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15".	3	$ 2,880
203276	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. Men's and Women's Restrooms - Upstairs and Downstairs Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	$ 1,172
203277	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	The wheelchair stall door is not compliant. Men's and Women's Restrooms - Upstairs and Downstairs Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.	3	$ 2,000
203274	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	The urinal dimensions are not compliant. Men's Restrooms - Upstairs and Downstairs Replace or relocate the urinal. Urinals shall be the stall-type or the wall-hung type. Wall-hung urinals shall be installed with the rim 17" maximum above the finish floor or ground. Urinals shall be 13-1/2" deep minimum measured from the outer face of the urinal rim to the back of the fixture. Flush controls shall be hand operated or automatic. Flush controls shall be within allowable reach ranges.	3	$ 1,870
203275	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	The flush control is located on the closed side and is more than 48" high, for an obstructed forward reach range of maximum 20" horizontally. Men's Restrooms - Upstairs and Downstairs Remove and install a compliant flush control. Operable parts shall be placed within one or more of the allowable reach ranges	3	$ 626
203226	Redmond Community Center @ Marymoor Village / EXTERIOR	Accessible Parking	WASHINGTON: Signage is not located at the required height for the van accessible space. Parking Stall P-1 Provide signage mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background, and "van accessible". Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	$ 280
203227	Redmond Community Center @ Marymoor Village / EXTERIOR	Accessible Parking	The parking space slope is greater than 1:50 (2%). Parking Stall P-1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 6,300
203228	Redmond Community Center @ Marymoor Village / EXTERIOR	Accessible Parking	The access aisle slope is greater than 1:50 (2%). Parking Stall P-1 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 5,000

REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203287	Redmond Community Center @ Marymoor Village / EXTERIOR	Accessible Parking	WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Stall P-1 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	$ 280
203288	Redmond Community Center @ Marymoor Village / EXTERIOR	Accessible Parking	WASHINGTON: The car access aisle signage is not compliant or not provided. Parking Stalls P-2, P-3, P-4, P-5 Stripe with a compliant vertical car accessible access aisle sign indicating "No Parking". The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	$ 560
203290	Redmond Community Center @ Marymoor Village / EXTERIOR	Accessible Parking	The access aisle slope is greater than 1:50 (2%). Parking Stalls P-2, P-3, P-4, P-5 Remove and replace with an adjacent access aisle that is at least 60" wide and has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 10,000
203229	Redmond Community Center @ Marymoor Village / EXTERIOR	Accessible Parking	The slope of the parking space is greater than 1:50 (2%). Parking Stalls P-2, P-3, P-4, P-5 Remove and replace with a parking space that has no more than 1:50 (2%) slope in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 25,200
203225	Redmond Community Center @ Marymoor Village / EXTERIOR	Accessible Parking	WASHINGTON: Signage is not located at the required height for the standard accessible space. Parking Stalls P-2, P-3, P-4, P-5 Provide signage showing the International Symbol of Accessibility (ISA) mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	$ 1,120
203291	Redmond Community Center @ Marymoor Village / EXTERIOR	Exterior Access Route	A compliant turning space is not provided at a change of direction. Parking Stalls P-3 and P-5 Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 991
203314	Redmond Community Center @ Marymoor Village / EXTERIOR	Exterior Access Route	The accessible route has cross slopes greater than 1:50 (2%). Patio The walkway should be graded to a maximum 1:50 (2%) cross slope. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not exceeding 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 3,964
203315	Redmond Community Center @ Marymoor Village / EXTERIOR	Common Areas	The dining table does not have 30" x 48" clear floor space positioned for a forward approach. Patio Provide clear floor space minimum 30" wide by minimum 48" deep, positioned for a forward approach to the dining tables, with the 30" dimension parallel with the edge of the table. Clear ground surface shall not exceed 2.08% slope in all directions. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Dining tables shall be minimum 28" and maximum 34" high.	2	$ 237

REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203316	Redmond Community Center @ Marymoor Village / EXTERIOR	Site Furnishings	Clear ground space is not provided at the trash receptacle with lid requiring operation. Patio Relocate the trash receptacle or provide a clear ground space at the trash receptacle with closed lid. A compliant clear floor or ground space shall be provided. Floor or ground surfaces of a clear floor or ground space shall be stable, firm and slip resistant. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space.	2	$ 237
203312	Redmond Community Center @ Marymoor Village / EXTERIOR	Common Areas	A minimum of 5% ADA compliant dining seating and standing spaces are not provided. Patio Provide a minimum of 5% ADA compliant seating and standing spaces. At least one dining table must be compliant. The height of a dining table shall be minimum 28" and maximum 34". Provide a wheelchair space at the table with knee and toe clearance. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	2	$ 1,000
203294	Redmond Community Center @ Marymoor Village / EXTERIOR	Exterior Access Route	The accessible route has cross slopes greater than 1:50 (2%). Route from Public Sidewalk to Entrance E-1 The walkway should be graded to a maximum 1:50 (2%) cross slope. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not exceeding 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 1,982
203268	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stairwells Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.	2	$ 2,534
203269	Redmond Community Center @ Marymoor Village / INTERIOR	Interior Access Route	Handrail extensions are not compliant. Stairwells Install handrails so that the gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of the stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. All extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	$ 489
203242	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Unisex Restroom 118 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	3	$ 366
203256	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Unisex Restroom 118, Men's and Women's Restrooms - Upstairs and Downstairs Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 2,520

REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203247	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Unisex Restroom 118, Upstairs Restrooms - Men's and Women's Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	$ 600
203297	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	The space between the grab bar and projecting objects above the grab bar is less than 12" minimum. Unisex Restroom 119 Move the projecting object above the grab bar to 12" minimum from the top of the gripping surface of the grab bar. [EXCEPTION: The space between grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1-1/2" minimum.]	3	$ 200
203253	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	WASHINGTON: The shower and/or controls are not compliant in the roll-in shower. Unisex Restrooms 118 and 119 Install compliant shower spray unit and controls in the roll-in shower. This barrier must be removed in conjunction with barrier ID 203252. The cost of this barrier removal is covered under 203252. The shower shall have a shower spray unit with 59" minimum long hose which can be used as a hand-held unit or a fixed shower head at 48" maximum height. If a shower spray unit with hose is present, the shower spray unit shall be capable of being used as a hand-held as well as a fixed shower head. The shower spray unit have a control with a non-positive shut-off feature. An adjustable-height hand shower shall mounted on a vertical bar and installed so as to not obstruct the use of grab bars. [EXCEPTION: A fixed shower head located 48" maximum above the shower floor shall be permitted in lieu of a hand shower.] The shower spray unit shall deliver water with same pressure as the shower head. Shower spray units shall require maximum 5lbs of force to operate.	3	$ -
203251	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Unisex Restrooms 118 and 119, Upstairs Restrooms - Men's and Women's Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]	3	$ 1,172
203252	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	WASHINGTON: The transfer shower stall is not compliant. Unisex Restrooms 118, 119 Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required hor-izontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and project-ing objects above the grab bar shall be 12" minimum.[EXCEPTIONS:1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fit-tings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and verti-cal grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or hori-zontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or sup-porting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]	3	$ 14,362

REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203254	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	The height of controls are not compliant. Unisex Restrooms 118, 119 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 400
203257	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	A transfer seat is provided but is not compliant. Unisex Restrooms 118, 119 Provide a compliant folding or non-folding seat. This barrier must be removed in conjunction with barrier ID 203252. The cost of this barrier removal is covered under 203252. The shower seat shall be rectangular or L-shaped. All seats shall have the inside edge 2-1/2' maximum from the seat wall. The side edge of all seats shall be 1-1/2' from the adjacent rear wall. The forward edge of the rectangular seat shall extend 15' minimum to 16' maximum from the seat wall. At the narrower part of the L-shaped seat, the inside edge shall be 2-1/2" maximum from the seat wall, and the outside/front edge 15" minimum and 16" maximum from the seat wall. At the wider part of the L-shaped seat closer to the rear wall, the rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the rear wall and the outside/front edge shall be 22" minimum and 23" maximum from the seat wall. In transfer-type showers, the seat shall extend from the back wall to a point within 3" of the compartment entry. The top of the seat shall be 17" minimum and 19" maximum above the bathroom finish floor.	3	$ -
203248	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Unisex Restrooms 118, 119 Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. This barrier must be removed in conjunction with ID 203249. The cost for this barrier removal is covered by ID 203249, therefore the cost is shown as $0.	2	$ -
203249	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Unisex Restrooms 118, 119 Relocate part to a compliant reach range. This barrier must be removed in conjunction with ID 203249. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 600
203250	Redmond Community Center @ Marymoor Village / INTERIOR	Common Areas	The work surface height is not compliant. Knee and toe clearances are not provided. Unisex Restrooms 118, 119 Provide work surface at a compliant height. This barrier must be removed in conjunction with ID 203249. The cost for this barrier removal is covered by ID 203249, therefore the cost is shown as $0. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing, other tables or fixtures for personal grooming.	2	$ -
203244	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	Alcoves are not 36" wide min. if depth exceeds 24" with forward approach or 60" wide min. with parallel approach and depth exceeds 15" Unisex Restrooms 118, 119 Ensure alcoves 36" wide min. if depth exceeds 24" with forward approach or 60" wide min. with parallel approach and depth exceeds 15"?	2	$ 2,400
203245	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	WASHINGTON: The paper towel dispenser or dryer location is not compliant. Unisex Restrooms 118, 119 Relocate the paper towel dispenser. Towel dispensers or dryer controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" maximum = Reach height 48" maximum; Reach depth 2" maximum =Reach height 46" maximum; Reach depth 5" maximum = Reach height 42" maximum; Reach depth 6" maximum = Reach height 40" maximum; Reach depth 9" maximum = Reach height 36" maximum; Reach depth 11" maximum = Reach height 34" maximum [deeper reach than 11" is not allowed].	3	$ 400
203246	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Unisex Restrooms 118, 119 Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. This barrier must be removed in conjunction with ID 203245.	2	$ -
203241	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	The provided signage is not mounted at the latch side of the door or at a compliant height. Unisex Restrooms 118, 119 Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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.]	3	$ 110

REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203278	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	Controls on dispensers are not compliant. Women's Restrooms - Upstairs and Downstairs Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	$ 450
203279	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Women's Restrooms - Upstairs and Downstairs Relocate the dispenser. Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.	2	$ 400
203280	Redmond Community Center @ Marymoor Village / INTERIOR	Restroom	The wheelchair stall door is not self closing. Women's Restrooms - Upstairs and Downstairs Remove hinge hardware and replace with hardware which provides self-closing of the door.	3	$ 586
TOTAL REDMOND COMMUNITY CENTER AT MARYMOOR VILLAGE					**$ 144,283**

TRINITY BUILDING					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202525	Trinity 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. 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
202506	Trinity Building / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. 1st Floor 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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	$ 55
202507	Trinity Building / INTERIOR	Restroom	The wheelchair stall with a floor mounted water closet, in a multi-stall restroom, is less than 60" wide and 59" deep. 1st Floor Men's Restroom Redesign to provide compliant wheelchair stall with a floor mounted water closet. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 1,368
202508	Trinity Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st Floor Men's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	$ 355
202509	Trinity Building / INTERIOR	Restroom	The rear grab bar at the water closet is not compliant. 1st Floor Men's Restroom Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 355
202510	Trinity Building / INTERIOR	Restroom	The height of controls are not compliant. 1st Floor Men's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 200

TRINITY BUILDING					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202511	Trinity Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. 1st Floor 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
202512	Trinity Building / INTERIOR	Restroom	The wheelchair stall door is not self closing. 1st Floor Men's Restroom Remove hinge hardware and replace with hardware which provides self-closing of the door.	3	$ 293
202513	Trinity Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. 1st Floor 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
202514	Trinity Building / INTERIOR	Restroom	The height of controls are not compliant. 1st Floor Men's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 200
202521	Trinity Building / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. 1st Floor 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
202522	Trinity Building / INTERIOR	Restroom	The height of controls are not compliant. 1st Floor 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

TRINITY BUILDING					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202523	Trinity Building / INTERIOR	Restroom	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".	3	$ 720
202524	Trinity Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. 1st Floor Unisex Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 115
206022	Trinity Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st Floor Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	$ 355
202515	Trinity Building / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. 1st Floor Women's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	$ 55
202516	Trinity Building / INTERIOR	Restroom	The grab bars at the water closet are not provided. 1st Floor Women's Restroom Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 710

TRINITY BUILDING					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202517	Trinity Building / INTERIOR	Restroom	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. 1st Floor Women's Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 630
202518	Trinity Building / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. 1st Floor 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
202519	Trinity Building / INTERIOR	Restroom	The lavatory does not have the required clear floor space of minimum 30" by minimum 48". 1st Floor Women's Restroom 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".	3	$ 25
202520	Trinity Building / INTERIOR	Restroom	Pipes are not insulated. 1st 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
206039	Trinity Building / INTERIOR	Amenity not evaluated	The amenity cannot be accessed and, therefore, cannot be evaluated. 1st Floor Women's Restroom Lockers The amenity could not be accessed, and therefore the amenity was not evaluated for compliance with accessibility codes and regulations.	0	$ -
202545	Trinity Building / INTERIOR	Employee Work Areas	The work surface is not compliant. 2nd Floor Copier 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
202544	Trinity Building / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. 2nd Floor Corridor Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	$ 1,000
202547	Trinity Building / INTERIOR	Employee Work Areas	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 2nd Floor Corridor Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 728

TRINITY BUILDING					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
206032	Trinity Building / INTERIOR	Kitchen	The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space. 2nd Floor Kitchenette Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	4	$ 844
202526	Trinity Building / INTERIOR	Interior Access Route	The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). 2nd Floor Kitchenette/Breakroom Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	2	$ 720
202527	Trinity Building / INTERIOR	Interior Access Route	Operable parts or items requiring an obstructed forward reach motion are higher than 48" maximum height where the depth of the obstruction is 20" maximum, or greater than 44" maximum height where the depth of the obstruction is 20" to 25" maximum, or lower than minimum 15" height above finish floor. 2nd Floor Kitchenette/Breakroom Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 186
202528	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 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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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
202529	Trinity Building / INTERIOR	Restroom	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.]	3	$ 1,124
202532	Trinity Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. 2nd Floor 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

TRINITY BUILDING					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202533	Trinity Building / INTERIOR	Restroom	A wheelchair stall is not provided in a multi-user restroom. 2nd Floor Men's Restroom Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16” minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. If the toilet paper dispenser is above the grab bar, the outlet of the dispenser shall be located within an area 24" minimum to 36" maximum. from rear wall behind the water closet. If the toilet paper dispenser is below the grab bar, the outlet of the dispenser shall be located within an area 24" minimum to 42" maximum from the rear wall. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground.	3	$ 3,105
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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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

TRINITY BUILDING					
Barrier ID	Facility	Type	Detail and Resolution	Priority	Cost Estimate
202539	Trinity Building / INTERIOR	Restroom	A wheelchair stall is not provided in a multi-user restroom. 2nd Floor Women's Restroom Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16” minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. If the toilet paper dispenser is above the grab bar, the outlet of the dispenser shall be located within an area 24" minimum to 36" maximum. from rear wall behind the water closet. If the toilet paper dispenser is below the grab bar, the outlet of the dispenser shall be located within an area 24" minimum to 42" maximum from the rear wall. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 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
202543	Trinity Building / INTERIOR	Restroom	Controls on dispensers are not compliant. 2nd Floor Women's Restroom Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	$ 400
202546	Trinity Building / INTERIOR	Employee Work Areas	The height of controls throughout the common area are not compliant. 2nd Floor-Main office space Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	$ 500
202552	Trinity Building / EXTERIOR	Exterior Access Route	WASHINGTON: An exterior accessible route is not provided. Building exterior Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 358
202491	Trinity Building / INTERIOR	Interior Access Route	The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Corridor Door Near Door D-1 Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped.Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.]	2	$ 200
202490	Trinity Building / EXTERIOR	Entrance to Building	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Door D-1 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	1	$ 366

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	The locker room does not have at least one of the coat hooks within reach range. Locker Room Walk-in Closet Provide at least one of the coat hooks within reach range. Where coat hooks or shelves are provided in dressing, fitting or locker rooms without individual compartments, at least one of each type shall comply. Where coat hooks or shelves are provided in individual compartments, at least one of each type shall be provided in individual compartments in dressing, fitting, or locker rooms required to comply. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	$ 200
202496	Trinity Building / INTERIOR	Interior Access Route	Clear widths are less than 36" minimum, including protruding objects. Locker Room Walk-in Closet Relocate the shelf, bench and/or clothes rack to ensure clear widths of 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to be 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.]	1	$ 500
202498	Trinity Building / INTERIOR	Interior Access Route	The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Locker Room Walk-in Closet Door Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped.Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.]	2	$ 200
202503	Trinity Building / INTERIOR	Employee Work Areas	The height of controls throughout the common area are not compliant. Meeting Room Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	$ 500
202504	Trinity Building / INTERIOR	Interior Access Route	The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Meeting Room Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	2	$ 720
202505	Trinity Building / INTERIOR	Interior Access Route	Operable parts or items requiring an obstructed forward reach motion are higher than 48" maximum height where the depth of the obstruction is 20" maximum, or greater than 44" maximum height where the depth of the obstruction is 20" to 25" maximum, or lower than minimum 15" height above finish floor. Meeting Room Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 250
202488	Trinity Building / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	$ 1,400
202551	Trinity Building / EXTERIOR	Site Furnishings	The picnic table does not allow a clear space for forward wheelchair approach with knee and toe clearance. Picnic Table near Door D-2 Provide a compliant picnic table that allows a clear space of 30" x 48" positioned for forward approach. Provide knee clearance, which shall be considered space under an element between 9" and 27" above the finish floor or ground. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. The knee clearance shall be 11" deep minimum at 9" above finish floor or ground, and 8" deep minimum at 27 inches above the finish floor or ground. Provide toe clearance between the finish floor or ground surface and a height of 9", width of 30" minimum, and depth of 17" minimum to 25" maximum. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the finish floor or ground shall not be considered toe clearance. Clear space shall be maximum 2.08% in all directions and a firm and stable surface.	2	$ 1,300

TRINITY BUILDING					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202493	Trinity Building / INTERIOR	Interior Access Route	Handrails are not compliant. Stairs by Door D-1 Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.	1	$ 3,260
202494	Trinity Building / INTERIOR	Interior Access Route	Handrails are not compliant. Stairs Near Door D-2 Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.	1	$ 6,520
206033	Trinity Building / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Storage /Shop Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	$ 800
202553	Trinity Building / INTERIOR	Interior Access Route	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.	1	$ 2,000
202550	Trinity Building / EXTERIOR	Exterior Access Route	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.	1	$ 99
TOTAL ESTIMATED COST					**$ 129,858**

APPENDIX B
BARRIERS BY TRANSITION PLAN PHASE

Phases	Estimated Cost	Barriers
Phase One	$406,026	244
Phase Two	$548,530	281
Phase Three	$415,829	251
Phase Four	$399,482	205
Phase Five	$372,597	269
Total Phases 1-5	**$2,142,464**	**1250**

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203448	Hartman Park - Redmond Pool / EXTERIOR	Exterior Access Route	A compliant turning space is not provided at a change of direction. Adjacent to Parking Stall P2-1 Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	250
203440	Hartman Park - Redmond Pool / EXTERIOR	Exterior Access Route	The curb ramp does not meet the slope requirements. Curb Ramp CR-1 The curb ramp should be removed and replaced with a compliant ramp with no greater than the maximum allowable slopes of a ramp. This barrier must be removed in conjunction with barrier ID 203442. Ramp runs shall have a running slope not steeper than 1:12 (8.33%). Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 (8.33%) maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. In facilities built before 1/26/92, the running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where flares are provided, flare slopes shall not be greater than 1:10 (10%). [EXCEPTION: In alterations, where there is no landing at the top of curb ramps, curb ramp flares shall be provided and shall not be steeper than 1:12.]	1	1750
203442	Hartman Park - Redmond Pool / EXTERIOR	Exterior Access Route	The adjacent surfaces at transitions to adjoining walks, gutters and streets at the curb ramp are not at the same level. Curb Ramp CR-1 Replace the curb ramp to ensure that the transitions to adjacent walks, gutters and streets are at the same level. This barrier must be removed in conjunction with barrier ID 203440. The cost of this barrier removal is covered under barrier ID 203440 and therefore, the cost is shown as $0. Provide compliant vertical level change at the intersection of the concrete curb ramp and the adjacent pavement. Changes in level of 1/4" high maximum shall be permitted to be vertical. Changes in level between 1/4" high minimum and 1/2" high maximum shall be beveled with a slope not steeper than 1:2. [Advisory 303.3 Beveled. A change in level of 1/2" is permitted to be 1/4" vertical plus 1/4" beveled. However, in no case may the combined change in level exceed 1/2". Changes in level exceeding 1/2" must comply with requirements for curb ramp slopes.] Changes in level greater than 1/2" high shall be ramped, and shall comply with curb ramp running slope requirements.	1	0
203443	Hartman Park - Redmond Pool / EXTERIOR	Exterior Access Route	A compliant turning space is not provided at a change of direction. Parking Lot 1 Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	250
203444	Hartman Park - Redmond Pool / EXTERIOR	Exterior Access Route	The accessible route has areas of vertical level changes in excess of 1/4" that are not beveled or ramped. Parking Lot 1 The accessible route should be repaired to eliminate vertical level changes greater than 1/4". Changes in level of 1/4" high maximum shall be permitted to be vertical. Changes in level between 1/4" high minimum and 1/2" high maximum shall be beveled with a slope not steeper than 1:2. Changes in level greater than 1/2" shall be ramped.	1	40

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203445	Hartman Park - Redmond Pool / EXTERIOR	Accessible Parking	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	22600
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	0
203446	Hartman Park - Redmond Pool / EXTERIOR	Accessible Parking	An access aisle is not provided. Parking Stall P2-1 Re-stripe and add an adjacent access aisle that is at least 60" wide and has a slope of maximum 1:48 (2.08%) in all directions. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] Access aisles shall adjoin an accessible route. Two parking spaces shall be permitted to share a common access aisle. Accessible routes must connect parking spaces to accessible entrances. In parking facilities where the accessible route must cross vehicular traffic lanes, marked crossings enhance pedestrian safety, particularly for people using wheelchairs and other mobility aids. Where possible, it is preferable that the accessible route not pass behind parked vehicles. Access aisles serving car and van parking spaces shall be 60" wide minimum. Access aisles shall extend the full length of the parking spaces they serve. Access aisles shall be marked so as to discourage parking in them. Access aisles shall not overlap the vehicular way. Access aisles shall be permitted to be placed on either side of the parking space except for angled van parking spaces which shall have access aisles located on the passenger side of the parking spaces. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Access aisles are required to be nearly level in all directions to provide a surface for wheelchair transfer to and from vehicles. The exception allows sufficient slope for drainage. Built-up curb ramps are not permitted to project into access aisles and parking spaces because they would create slopes greater than 1:48. Parking spaces for vans and access aisles and vehicular routes serving them shall provide a vertical clearance of 98" minimum. Width measurements of parking spaces and access aisles shall be made from the centerline of the markings. Where accessible stalls and aisles are not adjacent to accessible stalls and aisles, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle.	1	420
203447	Hartman Park - Redmond Pool / EXTERIOR	Accessible Parking	The slope of the parking space is greater than 1:50 (2%). Parking Stall P2-1 Remove and replace with a parking space that has no more than 1:50 (2%) slope in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	6300
203449	Hartman Park - Redmond Pool / EXTERIOR	Exterior Access Route	The ramp has a running slope in excess of 1:12 (8.33%) and/or cross slope in excess of 1:48 (2.08%). Ramp R-1 Remove the existing ramp and provide a compliant ramp. Ramp runs shall have a running slope not steeper than 1:12 (8.33%). [EXCEPTION: In existing sites, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. Where slopes are steeper than 1:10 but not steeper than 1:8, the rise shall be 3" maximum. Where slopes are steeper than 1:12 but not steeper than 1:10, the rise shall be 6" maximum.] Ramp runs shall have cross slopes not greater than 1:50 (2%). [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] Either regrade to a maximum running slope of 1:20 (5%) for the walking surface, or provide a compliant ramp. The cost estimate for this barrier removal is based on providing a compliant ramp. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	3972

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203450	Hartman Park - Redmond Pool / EXTERIOR	Exterior Access Route	The accessible route has cross slopes greater than 1:50 (2%). Route from Parking Lot 2 The walkway should be graded to a maximum 1:50 (2%) cross slope. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not exceeding 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	1600
200172	City Hall / INTERIOR	Site Furnishings	The vending machines have operable parts which are not within reach range. 1st Floor Where provided, at least one of each type of depository, vending machine, change machine, and fuel dispenser shall comply. A clear floor or ground space shall be provided. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	16270
200170	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 1st Floor Circulation Path Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	1456
200222	City Hall / INTERIOR	Interior Access Route	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. 1st Floor Conference Rooms Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	385
200224	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 1st Floor Conference Rooms Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	728
200171	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 1st Floor Kitchenette Install cane detectors. This barrier must be removed in conjunction with barrier ID 200556. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	728

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200556	City Hall / INTERIOR	Interior Access Route	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. 1st Floor Kitchenette Remove and lower to a compliant reach range. This barrier must be removed in conjunction with barrier ID 200171. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	200
200178	City Hall / INTERIOR	Restroom	The locker area does not have a compliant bench. 1st Floor Men's & Women's Locker Rooms Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.	3	3000
200180	City Hall / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st Floor Men's & Women's Locker Rooms Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	710
200181	City Hall / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. 1st Floor Men's & Women's Locker Rooms Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	586
200182	City Hall / INTERIOR	Restroom	The coat hook is not within an allowable reach range. 1st Floor Men's & Women's Locker Rooms Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	230
200167	City Hall / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 1st Floor Men's & Women's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	400
200162	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 1st Floor Men's & Women's Restroom Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	728

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200165	City Hall / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st Floor Men's & Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	710
200516	City Hall / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. 1st Floor Men's & Women's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	586
200183	City Hall / INTERIOR	Restroom	The required clearance at the entry to the transfer stall is not provided. 1st Floor Men's Locker Room Reconfigure so shower has required clear floor space. Transfer type shower compartments shall be 36" by 36" clear inside dimensions measured at the center points of opposing sides and shall have a 36" wide minimum entry on the face of the shower compartment. Clearance of 36" wide minimum by 48" long minimum measured from the control wall shall be provided.	3	3000
200166	City Hall / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. 1st Floor Men's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]	3	293
200163	City Hall / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. 1st Floor Men's Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 54" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
200164	City Hall / INTERIOR	Restroom	The height of the water closet is not 17" minimum to 19" maximum above finished floor. 1st Floor Men's Restroom Remove and replace with a toilet that has a compliant seat height. The seat height of a water closet shall be 17" minimum and 19" maximum above the finish floor, measured to the top of the seat. Seats shall not be sprung to return to a lifted position. [EXCEPTIONS: 1. A water closet in a toilet room for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling units, the height of water closets shall be permitted to be 15" minimum and 19" maximum above the finish floor measured to the top of the seat.] [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	630
200173	City Hall / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st Floor Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	355

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200174	City Hall / INTERIOR	Restroom	The coat hook is not within an allowable reach range. 1st Floor Unisex Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	115
200175	City Hall / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 1st Floor Unisex Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	200
200234	City Hall / INTERIOR	Restroom	The pull side of the accessible door does not have the required maneuvering clearances. 1st Floor Women's Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	3	1250
200194	City Hall / INTERIOR	Interior Access Route	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. 2nd Floor - Douglas Fir Room & Bear Creek Room Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	110
200185	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 2nd Floor Circulation Path Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	728
200186	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 2nd Floor Circulation Path Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	728
200189	City Hall / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 2nd Floor Men's & Women's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	400

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200190	City Hall / INTERIOR	Restroom	The coat hook is not within an allowable reach range. 2nd Floor Men's & Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	230
200191	City Hall / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. 2nd Floor Men's & Women's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	586
200192	City Hall / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 2nd Floor Men's & Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	710
200193	City Hall / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. 2nd Floor Storage Room Relocate the shelving to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	5	200
200187	City Hall / EXTERIOR	Entrance to Building	The threshold at the accessible door is greater than ½" in height. 2nd Floor Terrace Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). This barrier must be removed in conjunction with barrier ID 200557. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	1	179
200557	City Hall / EXTERIOR	Entrance to Building	The threshold at the accessible door is greater than ½" in height. 2nd Floor Terrace Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	1	179

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200202	City Hall / INTERIOR	Interior Access Route	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. 3rd Floor Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	605
200206	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 3rd Floor Circulation Path Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	728
200204	City Hall / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. 3rd Floor Elevator Lobby Area Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	1098
200195	City Hall / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. 3rd Floor Elevator Lobby Area Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	1804
200203	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 3rd Floor Kitchenette Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	728

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200197	City Hall / INTERIOR	Restroom	The coat hook is not within an allowable reach range. 3rd Floor Men's & Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	230
200198	City Hall / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 3rd Floor Men's & Women's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	400
200199	City Hall / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. 3rd Floor Men's & Women's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	586
200200	City Hall / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 3rd Floor Men's & Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	710
200201	City Hall / INTERIOR	Restroom	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. 3rd Floor Men's & Women's Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	1260
200196	City Hall / INTERIOR	Restroom	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. 3rd Floor Men's Restroom Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	3	366

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200207	City Hall / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. 3rd Floor Service Desk Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	1804
200216	City Hall / INTERIOR	Interior Access Route	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. 4th Floor Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	275
200219	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 4th Floor Circulation Path Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	1456
200211	City Hall / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 4th Floor Men's & Women's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	400
200212	City Hall / INTERIOR	Restroom	The coat hook is not within an allowable reach range. 4th Floor Men's & Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	230
200213	City Hall / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. 4th Floor Men's & Women's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	586

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200214	City Hall / INTERIOR	Restroom	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. 4th Floor Men's & Women's Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	1260
200215	City Hall / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 4th Floor Men's & Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	710
200218	City Hall / EXTERIOR	Entrance to Building	The threshold at the accessible door is greater than ½" in height. 4th Floor Terrace Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	1	179
200209	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Accounts Payable Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	728
200150	City Hall / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Council Chambers Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	1804
200151	City Hall / INTERIOR	Common Areas	Assembly areas do not provide compliant aisle seats. Council Chambers Provide a minimum of 5% of the total number of aisle seats as aisle seats designated as accessible. Accessible aisle seats shall be the aisle seats located closest to accessible routes, and shall be dispersed among types of seating available to the public. Where armrests are provided on the seating in the immediate area, folding or retractable armrests shall be provided on the aisle side of the designated accessible aisle seat. Each designated aisle seat shall be identified by a sign or marker.	2	330
200231	City Hall / INTERIOR	Common Areas	Assistive listening signage is not compliant or is not provided. Council Chambers Provide assistive listening signage. Each assembly area required to provide assistive listening systems shall provide signs informing patrons of the availability of the assistive listening system. Assistive listening signs shall comply and shall include the International Symbol of Access for Hearing Loss. [EXCEPTION: Where ticket offices or windows are provided, signs shall not be required at each assembly area provided that signs are displayed at each ticket office or window informing patrons of the availability of assistive listening systems].	3	55

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200232	City Hall / INTERIOR	Common Areas	The assistive listening device is not compliant or is not provided. Council Chambers Provide 3 additional assistive listening devices per the table at the bottom. Each assembly area required to provide assistive listening systems shall provide signs informing patrons of the availability of the assistive listening system. Assistive listening signs shall comply and shall include the International Symbol of Access for Hearing Loss. [EXCEPTION: Where ticket offices or windows are provided, signs shall not be required at each assembly area provided that signs are displayed at each ticket office or window informing patrons of the availability of assistive listening systems]. Receivers required for use with an assistive listening system shall include a 1/8" standard mono jack. Receivers required to be hearing-aid compatible shall interface with telecoils in hearing aids through the provision of neck loops. Neck loops and headsets that can be worn as neck loops are compatible with hearing aids. Receivers that are not compatible include earbuds, which may require removal of hearing aids, earphones, and headsets that must be worn over the ear, which can create disruptive interference in the transmission and can be uncomfortable for people wearing hearing aids. Assistive listening systems shall be capable of providing a sound pressure level of 110 dB minimum and 118 dB maximum with a dynamic range on the volume control of 50 dB. The signal-to-noise ratio for internally generated noise in assistive listening systems shall be 18 dB minimum. Peak clipping shall not exceed 18 dB of clipping relative to the peaks of speech. For 50 or less seating capacity, provide a minimum of 2 receivers, both of which shall be hearing-aid compatible. For 51 to 200 seating capacity, provide a minimum of 2 receivers, plus 1 per 25 seats over 50 seats, with a minimum two receivers which shall be hearing-aid compatible. For 201 to 500 seating capacity, provide a minimum of 2 receivers, plus 1 per 25 seats over 50 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 501 to 1000 seating capacity, provide a minimum of 20 receivers, plus 1 per 33 seats over 500 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 1001 to 2000 seating capacity, provide a minimum of 35 receivers, plus 1 per 50 seats over 1000 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 2001 and over seating capacity, provide a minimum of 55 receivers, plus 1 per 100 seats over 2000 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible.	2	750
200160	City Hall / INTERIOR	Common Areas	The coat hook is not within an allowable reach range. Council Chambers Staff Entrance Corridor Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	115
200168	City Hall / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Council Chambers Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	355
200155	City Hall / INTERIOR	Interior Access Route	The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds. Council Chambers Unisex Restroom Adjust the closer or replace with a door that requires no more than 5 pounds of force for pushing or pulling the door open. This barrier must be removed in conjunction with barrier ID 200156. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be maximum 5 pounds. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.	1	366
200156	City Hall / INTERIOR	Interior Access Route	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Council Chambers Unisex Restroom Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. This barrier must be removed in conjunction with barrier ID 200155. The cost of this barrier removal is covered under ID 200155 and therefore, the cost of this ID is shown as $0. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	1	0

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200157	City Hall / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Council Chambers Unisex Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	115
200158	City Hall / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Council Chambers Unisex Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	200
200159	City Hall / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Council Chambers Unisex Restroom Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	710
200139	City Hall / EXTERIOR	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	1750
200140	City Hall / EXTERIOR	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 2 (CR2) The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	1750
200141	City Hall / EXTERIOR	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 3 (CR3) The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	1750
200144	City Hall / EXTERIOR	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 4 (CR4) The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	1750

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200145	City Hall / EXTERIOR	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 5 (CR5) The curb ramp should be removed and replaced with a compliant curb ramp. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	1750
200228	City Hall / INTERIOR	Interior Access Route	Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style" Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.]	2	275
200176	City Hall / INTERIOR	Common Areas	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Fitness Room Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	500
200188	City Hall / INTERIOR	Interior Access Route	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Heron Room, Chinook Room, Traffic Management Center Room Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	165
200205	City Hall / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Human Resources Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	1804
200217	City Hall / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Office of the Mayor Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	1804

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200142	City Hall / EXTERIOR	Accessible Parking	WASHINGTON: The car access aisle signage is not compliant or not provided. Parking Lot 1 - Access Aisle Serving Parking Stall P1 & P2 Stripe with a compliant vertical car accessible access aisle sign indicating "No Parking". The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	280
200229	City Hall / EXTERIOR	Accessible Parking	WASHINGTON: The car access aisle signage is not compliant or not provided. Parking Lot 1 - Access Aisles Serving Parking Stalls P3 - P6 Stripe with a compliant vertical car accessible access aisle sign indicating "No Parking". The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	560
200230	City Hall / EXTERIOR	Exterior Access Route	WASHINGTON: Where a detectable warning is located on a curb ramp run, the detectable warning is not compliant. Parking Lot 1 - Curb Ramps CR1 - CR6 Remove the detectable warning with truncated domes, and install a compliant detectable warning. The detectable warning surface shall contrast visually with adjacent surfaces, either light-on-dark or dark-on-light. The detectable warning shall extend 24" minimum in the direction of travel and extend the full width of the curb ramp. The detectable warnings shall be located so the edge nearest the curb line is 6" to 8" from the leading curb line adjacent the vehicular way. Truncated domes shall have a base diameter of .9" to 1.4", a top diameter of 50% to 65% of the base diameter, and a height of 0.2". The domes shall have base to base spacing of minimum 0.65", measured between the most adjacent domes on the grid. Domes shall be aligned in a square grid pattern. [Truncated domes are not currently required on curb ramps].	1	3840
200143	City Hall / EXTERIOR	Exterior Access Route	An accessible passenger loading/unloading zone is not provided where a loading/unloading area is present. Passenger Loading Zone Provide an accessible passenger loading/unloading zone. Passenger loading zones shall provide at least one accessible passenger loading zone in every continuous 100 linear feet of loading zone space, or fraction thereof, except bus loading areas. At least one accessible passenger loading zone shall be provided at an accessible entrance to a licensed medical care or licensed long term care facility where the period of stay exceeds 24 hours. The vehicular pull-up space shall be 96 inches wide minimum and 20 feet long minimum. The loading/unloading zone should allow the access aisle to be at the same level as the loading/unloading area it serves. The access aisle should be marked and separate from the loading/unloading area it serves. The access aisle shall be 60 inches wide minimum. Access aisles shall extend the full length of the vehicle pull-up spaces they serve. Access aisles shall be marked so as to discourage parking in them. Vehicle pull-up spaces and access aisles serving them shall comply. Access aisles shall be at the same level as the vehicle pull-up space they serve. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Vehicle pull-up spaces, access aisles serving them, and a vehicular route from an entrance to the passenger loading zone, and from the passenger loading zone to a vehicular exit shall provide vertical clearance of 114 inches minimum.	1	3200
200226	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Stair 1 (ST1) Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	2184
200184	City Hall / INTERIOR	Interior Access Route	ADVISORY: The stair treads and edge of top landing do not have visual contrast on the leading edge. Stair 2 (ST2) ADVISORY: It is advisable, but not required, to install visual contrast on leading edge of each tread, and at the edge of the top landing, so that stair treads are more visible for people with low vision. The estimated cost of installation of visual contrast on each tread is $87.32 each.	2	0
200221	City Hall / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Stair 3 (ST3) Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	2184

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200147	City Hall / EXTERIOR	Exterior Access Route	Handrails are not compliant or are provided. Stair 4 (ST4) Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	815
200148	City Hall / 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 5 (ST5) Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.	3	105
200149	City Hall / EXTERIOR	Exterior Access Route	Handrails are not compliant or are provided. Stair 5 (ST5) Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	1956
200152	City Hall / INTERIOR	Interior Access Route	ADVISORY: The stair treads and edge of top landing do not have visual contrast on the leading edge. Stair 6 (ST6) Council Chambers ADVISORY: It is advisable, but not required, to install visual contrast on leading edge of each tread, and at the edge of the top landing, so that stair treads are more visible for people with low vision. The estimated cost of installation of visual contrast on each tread is $87.32 each.	2	0

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200153	City Hall / INTERIOR	Interior Access Route	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.]	1	978
200169	City Hall / 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	6500
203311	Redmond Community Center @ Marymoor Village/ INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Administration Offices Relocate objects or install cane detectors. This barrier must be removed in conjunction with ID 203732. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	1456
203732	Redmond Community Center @ Marymoor Village/ INTERIOR	Interior Access Route	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Administration Offices Remove and lower to a compliant reach range. This barrier must be removed in conjunction with ID 203311. The cost for this barrier removal is covered by ID 203311, therefore the cost is shown as $0. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	0

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203232	Redmond Community Center / INTERIOR	Interior Access Route	The existing signage is not mounted at the latch side of the door or at a compliant height. Administration Offices, Class 116, Conference Rooms 124, 202, 203, 204 Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	440
203224	Redmond Community Center @ Marymoor Village / EXTERIOR	Exterior Access Route	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Ballot Drop Box Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	200
203240	Redmond Community Center @ Marymoor Village/ INTERIOR	Interior Access Route	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Class 116 Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48' maximum and the low side reach shall be 15' minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10' maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	200
203236	Redmond Community Center @ Marymoor Village/ INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Class 116, Conference Rooms 117, 124, 202, 203, 204 Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	5000
203238	Redmond Community Center @ Marymoor Village/ INTERIOR	Interior Access Route	Protruding objects in the 27' to 80' range above finished floor protrude more than 4' into the circulation path along the interior accessible route. Class 116, Conference Rooms 124, 202, 203, 204 Relocate dispensers. This barrier must be removed in conjunction with ID 203239. The cost for this barrier removal is covered by ID 203239 and 203728. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	1200
203239	Redmond Community Center @ Marymoor Village/ INTERIOR	Interior Access Route	The push side of the accessible door does not have the required maneuvering clearances. Class 116, Conference Rooms 202, 203, 204 Redesign to provide the required maneuvering clearance on the push side the door. This barrier must be removed in conjunction with ID 203238. The cost for this barrier removal is covered by ID 203238, therefore the cost is shown as $0. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	0

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203237	Redmond Community Center @ Marymoor Village/ INTERIOR	Interior Access Route	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Class 116, Kitchen and Storage, Conference Rooms 124, 202, 203, 204 Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48' minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60' maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18' minimum by 18' minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	550
203234	Redmond Community Center @ Marymoor Village/ INTERIOR	Interior Access Route	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Class 116, Kitchen, Conference Rooms 124, 202, 203, 204 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	1	3294
203271	Redmond Community Center @ Marymoor Village/ INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Classroom 206 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
203235	Redmond Community Center @ Marymoor Village/ INTERIOR	Interior Access Route	At least one each of shelves, clothes rod, drawer, hook, closets or cabinets are not within reach range. Conference Room 117 Provide a minimum of one of each item within reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	150
203728	Redmond Community Center @ Marymoor Village/ INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Conference Room 124 Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with ID 203238. The cost for this barrier removal is covered by ID 203238, therefore the cost is shown as $0. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	0
203281	Redmond Community Center @ Marymoor Village/ INTERIOR	Kitchen	The clear floor space at the refrigerator/freezer is not positioned for a parallel approach to the space dedicated for the refrigerator/freezer with the centerline of the clear floor or ground space offset 24" maximum from the centerline of the dedicated space. Employee Break Room Relocate the obstructions so that the clear floor space at the refrigerator/freezer is positioned for a parallel approach to the space dedicated for the refrigerator/freezer with the centerline of the clear floor or ground space offset 24" maximum from the centerline of the dedicated space. Floor or ground surfaces of a clear floor or ground space shall comply: Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Clear Floor spaces for appliances shall be permitted to overlap.	5	701

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203282	Redmond Community Center @ Marymoor Village/ INTERIOR	Kitchen	The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space. Employee Break Room Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	5	1351
203283	Redmond Community Center @ Marymoor Village/ INTERIOR	Kitchen	The kitchen sink does not have knee and toe clearance. Employee Break Room Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximumunder 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 permit ted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.	5	720
203284	Redmond Community Center @ Marymoor Village/ INTERIOR	Kitchen	Exposed pipes lack insulation and/or sharp or abrasive surfaces are present under the sink. Employee Break Room Provide insulation on all exposed pipes at sinks requiring knee and toe clearance. Modify or insulate sharp or abrasive surfaces under the sink. A minimum of one sink in a multi-sink kitchen shall be compliant.	5	65
203285	Redmond Community Center / INTERIOR	Interior Access Route	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Employee Break Room and Fitness Center Office Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	400

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203310	Redmond Community Center @ Marymoor Village/ INTERIOR	Interior Access Route	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Entrance E-1 Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	300
203293	Redmond Community Center @ Marymoor Village / EXTERIOR	Exterior Access Route	The accessible route has gaps in the surface greater than 1/2" wide. Entrance E-2 Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.	1	237
203313	Redmond Community Center @ Marymoor Village / EXTERIOR	Entrance to Building	The maneuvering clearance at the accessible door is not level and clear. Entrance E-3 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is X" minimum. The required side clearance is Y" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
203267	Redmond Community Center @ Marymoor Village/ INTERIOR	Interior Access Route	Means of egress signage does not have tactile lettering. Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18' minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style' Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.]	2	220
203309	Redmond Community Center @ Marymoor Village/ INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Fitness Center Relocate dispensers or provide cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	1456
203305	Redmond Community Center @ Marymoor Village/ INTERIOR	Interior Access Route	The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Fitness Center Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped.Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.]	2	400

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203307	Redmond Community Center @ Marymoor Village/ INTERIOR	Common Areas	The dining table does not have compliant knee and toe clearance. Fitness Center - Employee Offices Provide dining tables with knee and toe clearance. Dining tables shall be minimum 28" and maximum 34" high. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	5	1000
203308	Redmond Community Center @ Marymoor Village/ INTERIOR	Employee Work Areas	The work surface is not compliant. Fitness Center - Office Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground.	5	1030
203258	Redmond Community Center @ Marymoor Village/ INTERIOR	Kitchen	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Kitchen Relocate part to a compliant reach range. This barrier must be removed in conjunction with ID 203259. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	200
203259	Redmond Community Center @ Marymoor Village/ INTERIOR	Kitchen	Protruding objects in the 27' to 80' range above finished floor protrude more than 4' into the circulation path along the interior accessible route. Kitchen Relocate or install cane detectors. This barrier must be removed in conjunction with ID 203258. The cost for this barrier removal is covered by ID 203258, therefore the cost is shown as $0. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	0
203260	Redmond Community Center @ Marymoor Village/ INTERIOR	Kitchen	The accessible sink is not installed with the front of the higher of the rim or counter surface 34' maximum above finished floor. Kitchen Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34' maximum above finished floor.	2	720
203261	Redmond Community Center @ Marymoor Village/ INTERIOR	Kitchen	Exposed pipes lack insulation and/or sharp or abrasive surfaces are present under the sink. Kitchen Provide insulation on all exposed pipes at sinks requiring knee and toe clearance. Modify or insulate sharp or abrasive surfaces under the sink. A minimum of one sink in a multi-sink kitchen shall be compliant.	2	65
203262	Redmond Community Center @ Marymoor Village/ INTERIOR	Kitchen	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Kitchen Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	400

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203263	Redmond Community Center @ Marymoor Village/ INTERIOR	Kitchen	A minimum 30" wide section of the counter is not a minimum height of 28" and maximum height of 34" with knee and toe clearance. Kitchen Remove and install a kitchen counter that has a minimum 30" wide section of the work surface at minimum 28" height and maximum 34" height, and provides knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	4	2382
203264	Redmond Community Center @ Marymoor Village/ INTERIOR	Kitchen	The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space. Kitchen Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20' maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48' maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10' maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	4	1688
203265	Redmond Community Center @ Marymoor Village/ INTERIOR	Concession Stand	The service counter does not have 36' wide section that is 36' maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 30" wide section that is 36" maximum, with knee and toe clearance, that is oriented for a forward approach. Kitchen Service Counter Provide a compliant section of the counter maximum 36" height with either a compliant parallel or a compliant forward approach to the counter. For a parallel approach, a portion of service counter must be 36' minimum wide and 36' maximum above finished floor. Clear space of minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a parallel approach, with the 48" dimension centered on the compliant portion of the counter. For a forward approach, a portion of service counter must be 30" wide and 36" high maximum. Knee and toe clearance shall be provided for a forward approach. Clear floor space minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a forward approach with the 30" dimension centered on the 30" width of the compliant counter section. Clear space at the counter shall be maximum 2.08% in all directions and a firm and stable surface.	2	1804
203266	Redmond Community Center @ Marymoor Village/ INTERIOR	Concession Stand	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Kitchen Service Counter Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48' maximum and the low side reach shall be 15' minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10' maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	200
203299	Redmond Community Center @ Marymoor Village/ INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Lecture Hall 133 Relocate the dispenser. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	200
203300	Redmond Community Center @ Marymoor Village/ INTERIOR	Interior Access Route	The ramp running slope exceeds 1:12 (8.33%). Lecture Hall 133 Remove and replace areas of the ramp run to provide a ramp run with maximum slopes 1:12 (8.33%). This barrier must be removed in conjunction with ID 203301. The cost for this barrier removal is covered by ID 203301, therefore the cost is shown as $0. The cross slope of ramp surfaces shall be no greater than 1:50 (2.0%). [EXCEPTION: Cross slopes not greater than 1:48 are permitted.] Ramp runs shall have a running slope not steeper than 1:12. [EXCEPTION: In existing sites, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. Maximum Ramp Slope and Rise for Existing Sites, Buildings, and Facilities: Slope-Steeper than 1:10 but not steeper than 1:8; Maximum Rise is 3"; Steeper than 1:12 but not steeper than 1:10; Maximum Rise is 6". A slope steeper than 1:8 is prohibited.]	1	0
203301	Redmond Community Center @ Marymoor Village/ INTERIOR	Interior Access Route	The clear width of the ramp is less than 36". Lecture Hall 133 Remove and replace with a ramp that is at least 36" in width. This barrier must be removed in conjunction with ID 203300. The minimum clear width of a ramp shall be 36". The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" (915 mm) minimum. EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.	1	18536

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203303	Redmond Community Center @ Marymoor Village/ INTERIOR	Common Areas	The work surface height is not compliant. Knee and toe clearances are not provided. Lecture Hall 133 Provide work surface tables at a compliant height. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing, other tables or fixtures for personal grooming.	2	1000
203295	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	The rear grab bar in the wheelchair stall is not compliant. Men's and Women's Restrooms - Downstairs Remove and install a compliant rear grab bar in the wheelchair stall. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	710
203272	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	The provided signage is not mounted at the latch side of the door or at a compliant height. Men's and Women's Restrooms - Upstairs and Downstairs Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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.]	3	220

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203273	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	The lavatory is mounted higher than 34" to the higher of the rim or counter. Men's and Women's Restrooms - Upstairs and Downstairs Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15".	3	2880
203276	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. Men's and Women's Restrooms - Upstairs and Downstairs Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	1172
203277	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	The wheelchair stall door is not compliant. Men's and Women's Restrooms - Upstairs and Downstairs Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.	3	2000
203274	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	The urinal dimensions are not compliant. Men's Restrooms - Upstairs and Downstairs Replace or relocate the urinal. Urinals shall be the stall-type or the wall-hung type. Wall-hung urinals shall be installed with the rim 17" maximum above the finish floor or ground. Urinals shall be 13-1/2" deep minimum measured from the outer face of the urinal rim to the back of the fixture. Flush controls shall be hand operated or automatic. Flush controls shall be within allowable reach ranges.	3	1870
203275	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	The flush control is located on the closed side and is more than 48" high, for an obstructed forward reach range of maximum 20" horizontally. Men's Restrooms - Upstairs and Downstairs Remove and install a compliant flush control. Operable parts shall be placed within one or more of the allowable reach ranges	3	626
203226	Redmond Community Center @ Marymoor Village/ EXTERIOR	Accessible Parking	WASHINGTON: Signage is not located at the required height for the van accessible space. Parking Stall P-1 Provide signage mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background, and "van accessible". Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	280

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203227	Redmond Community Center @ Marymoor Village/ EXTERIOR	Accessible Parking	The parking space slope is greater than 1:50 (2%). Parking Stall P-1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	6300
203228	Redmond Community Center @ Marymoor Village/ EXTERIOR	Accessible Parking	The access aisle slope is greater than 1:50 (2%). Parking Stall P-1 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	5000
203287	Redmond Community Center @ Marymoor Village/ EXTERIOR	Accessible Parking	WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Stall P-1 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	280
203288	Redmond Community Center @ Marymoor Village/ EXTERIOR	Accessible Parking	WASHINGTON: The car access aisle signage is not compliant or not provided. Parking Stalls P-2, P-3, P-4, P-5 Stripe with a compliant vertical car accessible access aisle sign indicating "No Parking". The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	560
203290	Redmond Community Center @ Marymoor Village/ EXTERIOR	Accessible Parking	The access aisle slope is greater than 1:50 (2%). Parking Stalls P-2, P-3, P-4, P-5 Remove and replace with an adjacent access aisle that is at least 60" wide and has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	10000
203229	Redmond Community Center @ Marymoor Village/ EXTERIOR	Accessible Parking	The slope of the parking space is greater than 1:50 (2%). Parking Stalls P-2, P-3, P-4, P-5 Remove and replace with a parking space that has no more than 1:50 (2%) slope in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles shall be level with surface slopes not exceeding 1:50 in all directions. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	25200
203225	Redmond Community Center @ Marymoor Village/ EXTERIOR	Accessible Parking	WASHINGTON: Signage is not located at the required height for the standard accessible space. Parking Stalls P-2, P-3, P-4, P-5 Provide signage showing the International Symbol of Accessibility (ISA) mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	1120

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203291	Redmond Community Center @ Marymoor Village/ EXTERIOR	Exterior Access Route	A compliant turning space is not provided at a change of direction. Parking Stalls P-3 and P-5 Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	991
203314	Redmond Community Center @ Marymoor Village/ EXTERIOR	Exterior Access Route	The accessible route has cross slopes greater than 1:50 (2%). Patio The walkway should be graded to a maximum 1:50 (2%) cross slope. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not exceeding 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	3964
203315	Redmond Community Center @ Marymoor Village/ EXTERIOR	Common Areas	The dining table does not have 30" x 48" clear floor space positioned for a forward approach. Patio Provide clear floor space minimum 30" wide by minimum 48" deep, positioned for a forward approach to the dining tables, with the 30" dimension parallel with the edge of the table. Clear ground surface shall not exceed 2.08% slope in all directions. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Dining tables shall be minimum 28" and maximum 34" high.	2	237
203316	Redmond Community Center / EXTERIOR	Site Furnishings	Clear ground space is not provided at the trash receptacle with lid requiring operation. Patio Relocate the trash receptacle or provide a clear ground space at the trash receptacle with closed lid. A compliant clear floor or ground space shall be provided. Floor or ground surfaces of a clear floor or ground space shall be stable, firm and slip resistant. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space.	2	237
203312	Redmond Community Center @ Marymoor Village/ EXTERIOR	Common Areas	A minimum of 5% ADA compliant dining seating and standing spaces are not provided. Patio Provide a minimum of 5% ADA compliant seating and standing spaces. At least one dining table must be compliant. The height of a dining table shall be minimum 28" and maximum 34". Provide a wheelchair space at the table with knee and toe clearance. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	2	1000

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203294	Redmond Community Center @ Marymoor Village/ INTERIOR	Exterior Access Route	The accessible route has cross slopes greater than 1:50 (2%). Route from Public Sidewalk to Entrance E-1 The walkway should be graded to a maximum 1:50 (2%) cross slope. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not exceeding 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	1982
203268	Redmond Community Center @ Marymoor Village/ INTERIOR	Interior Access Route	WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stairwells Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.	2	2534
203269	Redmond Community Center @ Marymoor Village/ INTERIOR	Interior Access Route	Handrail extensions are not compliant. Stairwells Install handrails so that the gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of the stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. All extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	489
203242	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Unisex Restroom 118 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	3	366
203256	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Unisex Restroom 118, Men's and Women's Restrooms - Upstairs and Downstairs Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	2520

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203247	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Unisex Restroom 118, Upstairs Restrooms - Men's and Women's Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	600
203297	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	The space between the grab bar and projecting objects above the grab bar is less than 12" minimum. Unisex Restroom 119 Move the projecting object above the grab bar to 12" minimum from the top of the gripping surface of the grab bar. [EXCEPTION: The space between grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1-1/2" minimum.]	3	200
203253	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	WASHINGTON: The shower and/or controls are not compliant in the roll-in shower. Unisex Restrooms 118 and 119 Install compliant shower spray unit and controls in the roll-in shower. This barrier must be removed in conjunction with barrier ID 203252. The cost of this barrier removal is covered under 203252. The shower shall have a shower spray unit with 59" minimum long hose which can be used as a hand-held unit or a fixed shower head at 48" maximum height. If a shower spray unit with hose is present, the shower spray unit shall be capable of being used as a hand-held as well as a fixed shower head. The shower spray unit have a control with a non-positive shut-off feature. An adjustable-height hand shower shall mounted on a vertical bar and installed so as to not obstruct the use of grab bars. [EXCEPTION: A fixed shower head located 48" maximum above the shower floor shall be permitted in lieu of a hand shower.] The shower spray unit shall deliver water with same pressure as the shower head. Shower spray units shall require maximum 5lbs of force to operate.	3	0
203251	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Unisex Restrooms 118 and 119, Upstairs Restrooms - Men's and Women's Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]	3	1172
203252	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	WASHINGTON: The transfer shower stall is not compliant. Unisex Restrooms 118, 119 Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required hor-izontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and project-ing objects above the grab bar shall be 12" minimum.[EXCEPTIONS:1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum	3	14362

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203254	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	The height of controls are not compliant. Unisex Restrooms 118, 119 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	400
203257	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	A transfer seat is provided but is not compliant. Unisex Restrooms 118, 119 Provide a compliant folding or non-folding seat. This barrier must be removed in conjunction with barrier ID 203252. The cost of this barrier removal is covered under 203252. The shower seat shall be rectangular or L-shaped. All seats shall have the inside edge 2-1/2' maximum from the seat wall. The side edge of all seats shall be 1-1/2' from the adjacent rear wall. The forward edge of the rectangular seat shall extend 15' minimum to 16' maximum from the seat wall. At the narrower part of the L-shaped seat, the inside edge shall be 2-1/2" maximum from the seat wall, and the outside/front edge 15" minimum and 16" maximum from the seat wall. At the wider part of the L-shaped seat closer to the rear wall, the rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the rear wall and the outside/front edge shall be 22" minimum and 23" maximum from the seat wall. In transfer-type showers, the seat shall extend from the back wall to a point within 3" of the compartment entry. The top of the seat shall be 17" minimum and 19" maximum above the bathroom finish floor.	3	0
203248	Redmond Community Center / INTERIOR	Restroom	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Unisex Restrooms 118, 119 Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. This barrier must be removed in conjunction with ID 203249. The cost for this barrier removal is covered by ID 203249, therefore the cost is shown as $0.	2	0
203249	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Unisex Restrooms 118, 119 Relocate part to a compliant reach range. This barrier must be removed in conjunction with ID 203249. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	600
203250	Redmond Community Center @ Marymoor Village/ INTERIOR	Common Areas	The work surface height is not compliant. Knee and toe clearances are not provided. Unisex Restrooms 118, 119 Provide work surface at a compliant height. This barrier must be removed in conjunction with ID 203249. The cost for this barrier removal is covered by ID 203249, therefore the cost is shown as $0. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing, other tables or fixtures for personal grooming.	2	0
203244	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	Alcoves are not 36" wide min. if depth exceeds 24" with forward approach or 60" wide min. with parallel approach and depth exceeds 15" Unisex Restrooms 118, 119 Ensure alcoves 36" wide min. if depth exceeds 24" with forward approach or 60" wide min. with parallel approach and depth exceeds 15"?	2	2400

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203245	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	WASHINGTON: The paper towel dispenser or dryer location is not compliant. Unisex Restrooms 118, 119 Relocate the paper towel dispenser. Towel dispensers or dryer controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" maximum = Reach height 48" maximum; Reach depth 2" maximum =Reach height 46" maximum; Reach depth 5" maximum = Reach height 42" maximum; Reach depth 6" maximum = Reach height 40" maximum; Reach depth 9" maximum = Reach height 36" maximum; Reach depth 11" maximum = Reach height 34" maximum [deeper reach than 11" is not allowed].	3	400
203246	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Unisex Restrooms 118, 119 Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. This barrier must be removed in conjunction with ID 203245.	2	0
203241	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	The provided signage is not mounted at the latch side of the door or at a compliant height. Unisex Restrooms 118, 119 Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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.]	3	110
203278	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	Controls on dispensers are not compliant. Women's Restrooms - Upstairs and Downstairs Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	450
203279	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Women's Restrooms - Upstairs and Downstairs Relocate the dispenser. Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.	2	400
203280	Redmond Community Center @ Marymoor Village/ INTERIOR	Restroom	The wheelchair stall door is not self closing. Women's Restrooms - Upstairs and Downstairs Remove hinge hardware and replace with hardware which provides self-closing of the door.	3	586
202525	Redmond Community Center @ Marymoor Village/ INTERIOR	Common Areas	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. 1st Floor Corridor Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3-1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	4	5439

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202506	Trinity Building / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. 1st Floor 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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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	1368
202508	Trinity Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st Floor Men's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	355
202509	Trinity Building / INTERIOR	Restroom	The rear grab bar at the water closet is not compliant. 1st Floor Men's Restroom Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	355

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202510	Trinity Building / INTERIOR	Restroom	The height of controls are not compliant. 1st Floor Men's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	200
202511	Trinity Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. 1st Floor 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
202512	Trinity Building / INTERIOR	Restroom	The wheelchair stall door is not self closing. 1st Floor Men's Restroom Remove hinge hardware and replace with hardware which provides self-closing of the door.	3	293
202513	Trinity Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. 1st Floor 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
202514	Trinity Building / INTERIOR	Restroom	The height of controls are not compliant. 1st Floor Men's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	200

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202521	Trinity Building / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. 1st Floor 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
202522	Trinity Building / INTERIOR	Restroom	The height of controls are not compliant. 1st Floor 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
202523	Trinity Building / INTERIOR	Restroom	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".	3	720
202524	Trinity Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. 1st Floor Unisex Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	115

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
206022	Trinity Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st Floor Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	355
202515	Trinity Building / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. 1st Floor Women's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	55
202516	Trinity Building / INTERIOR	Restroom	The grab bars at the water closet are not provided. 1st Floor Women's Restroom Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	710
202517	Trinity Building / INTERIOR	Restroom	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. 1st Floor Women's Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	630

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202518	Trinity Building / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. 1st Floor 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
202519	Trinity Building / INTERIOR	Restroom	The lavatory does not have the required clear floor space of minimum 30" by minimum 48". 1st Floor Women's Restroom 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".	3	25
202520	Trinity Building / INTERIOR	Restroom	Pipes are not insulated. 1st 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
206039	Trinity Building / INTERIOR	Amenity not evaluated	The amenity cannot be accessed and, therefore, cannot be evaluated. 1st Floor Women's Restroom Lockers The amenity could not be accessed, and therefore the amenity was not evaluated for compliance with accessibility codes and regulations.	0	0
202545	Trinity Building / INTERIOR	Employee Work Areas	The work surface is not compliant. 2nd Floor Copier Room Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground.	2	1030

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202544	Trinity Building / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. 2nd Floor Corridor Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	1000
202547	Trinity Building / INTERIOR	Employee Work Areas	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 2nd Floor Corridor Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	728
206032	Trinity Building / INTERIOR	Kitchen	The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space. 2nd Floor Kitchenette Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	4	844
202526	Trinity Building / INTERIOR	Interior Access Route	The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). 2nd Floor Kitchenette/Breakroom Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	2	720
202527	Trinity Building / INTERIOR	Interior Access Route	Operable parts or items requiring an obstructed forward reach motion are higher than 48" maximum height where the depth of the obstruction is 20" maximum, or greater than 44" maximum height where the depth of the obstruction is 20" to 25" maximum, or lower than minimum 15" height above finish floor. 2nd Floor Kitchenette/Breakroom Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	186

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202528	Trinity Building / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. 2nd 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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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
202529	Trinity Building / INTERIOR	Restroom	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.]	3	1124
202532	Trinity Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. 2nd Floor 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 ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202533	Trinity Building / INTERIOR	Restroom	A wheelchair stall is not provided in a multi-user restroom. 2nd Floor Men's Restroom Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16” minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. If the toilet paper dispenser is above the grab bar, the outlet of the dispenser shall be located within an area 24" minimum to 36" maximum. from rear wall behind the water closet. If the toilet paper dispenser is below the grab bar, the outlet of the dispenser shall be located within an area 24" minimum to 42" maximum from the rear wall. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4, 12"; Ages 5 through 8, 12" to	3	3105
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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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	1124

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202538	Trinity Building / INTERIOR	Restroom	Pipes are not insulated. 2nd Floor Women's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	65
202539	Trinity Building / INTERIOR	Restroom	A wheelchair stall is not provided in a multi-user restroom. 2nd Floor Women's Restroom Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16” minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. If the toilet paper dispenser is above the grab bar, the outlet of the dispenser shall be located within an area 24" minimum to 36" maximum. from rear wall behind the water closet. If the toilet paper dispenser is below the grab bar, the outlet of the dispenser shall be located within an area 24" minimum to 42" maximum from the rear wall. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4, 12"; Ages 5 through 8, 12" to	3	3105
202543	Trinity Building / INTERIOR	Restroom	Controls on dispensers are not compliant. 2nd Floor Women's Restroom Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	400
202546	Trinity Building / INTERIOR	Employee Work Areas	The height of controls throughout the common area are not compliant. 2nd Floor-Main office space Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	500
202552	Trinity Building / EXTERIOR	Exterior Access Route	WASHINGTON: An exterior accessible route is not provided. Building exterior Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	358

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202491	Trinity Building / INTERIOR	Interior Access Route	The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Corridor Door Near Door D-1 Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped.Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.]	2	200
202490	Trinity Building / EXTERIOR	Entrance to Building	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Door D-1 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	1	366
202489	Trinity Building / EXTERIOR	Entrance to Building	The pull side of the accessible door does not have the required maneuvering clearances. Dor D-1 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
202548	Trinity Building / INTERIOR	Employee Work Areas	The building does not have elevator access between stories. Elevator Provide an elevator for access to upper floors in multiple-storied buildings. Due to the length of the requirements for an elevator in the 2010 ADA Standards for Accessible Design, please refer to the separate elevator appendix of the report, which details Section 407 of the 2010 Standards for Accessible Design. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removing and repairing the barrier are not included.	1	80000
202549	Trinity Building / INTERIOR	Employee Work Areas	The height of controls throughout the common area are not compliant. Locker Room Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	500
206031	Trinity Building / INTERIOR	Interior Access Route	The interior accessible route has less than 36" clear width. Locker Room Relocate the bench to ensure that a minimum width of 36" is provided for an accessible route. The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the turn is 60" minimum compliance shall not be required. An accessible route with a clear width less than 60" shall provide passing spaces at intervals of 200' maximum. Passing spaces shall be either: a space 60" minimum by 60" minimum; or, an intersection of two walking surfaces providing a T-shaped space where the base and arms of the T-shaped space extend 48" minimum beyond the intersection.	1	500
202500	Trinity Building / INTERIOR	Employee Work Areas	The locker room does not have a compliant bench. Locker Room Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.	3	1578

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202501	Trinity Building / INTERIOR	Employee Work Areas	The height of controls throughout the common area are not compliant. Locker Room Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	500
202502	Trinity Building / INTERIOR	Interior Access Route	Controls throughout the common area are not compliant. Locker Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	225
202499	Trinity Building / INTERIOR	Employee Work Areas	The locker room does not have at least one of the coat hooks within reach range. Locker Room Unisex Changing Rooms Provide at least one of the coat hooks within reach range. Where coat hooks or shelves are provided in dressing, fitting or locker rooms without individual compartments, at least one of each type shall comply. Where coat hooks or shelves are provided in individual compartments, at least one of each type shall be provided in individual compartments in dressing, fitting, or locker rooms required to comply. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	200
206030	Trinity Building / INTERIOR	Interior Access Route	The provided signage does not have the International Symbol of Accessibility, where not all elements of the same type are accessible. Locker Room Unisex Changing Rooms Remove and replace signage with compliant signage. The International Symbol of Accessibility shall be compliant. The International Symbol of Accessibility must be used to identify accessible elements, where not all elements of the same type are accessible.	2	55
206021	Trinity Building / INTERIOR	Interior Access Route	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Locker Room Walk-in Closet Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	200
202495	Trinity Building / INTERIOR	Employee Work Areas	The locker room does not have at least one of the coat hooks within reach range. Locker Room Walk-in Closet Provide at least one of the coat hooks within reach range. Where coat hooks or shelves are provided in dressing, fitting or locker rooms without individual compartments, at least one of each type shall comply. Where coat hooks or shelves are provided in individual compartments, at least one of each type shall be provided in individual compartments in dressing, fitting, or locker rooms required to comply. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	200
202496	Trinity Building / INTERIOR	Interior Access Route	Clear widths are less than 36" minimum, including protruding objects. Locker Room Walk-in Closet Relocate the shelf, bench and/or clothes rack to ensure clear widths of 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to be 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.]	1	500

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202498	Trinity Building / INTERIOR	Interior Access Route	The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Locker Room Walk-in Closet Door Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped.Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.]	2	200
202503	Trinity Building / INTERIOR	Employee Work Areas	The height of controls throughout the common area are not compliant. Meeting Room Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	500
202504	Trinity Building / INTERIOR	Interior Access Route	The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Meeting Room Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	2	720
202505	Trinity Building / INTERIOR	Interior Access Route	Operable parts or items requiring an obstructed forward reach motion are higher than 48" maximum height where the depth of the obstruction is 20" maximum, or greater than 44" maximum height where the depth of the obstruction is 20" to 25" maximum, or lower than minimum 15" height above finish floor. Meeting Room Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	250
202488	Trinity Building / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	1400

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202551	Trinity Building / EXTERIOR	Site Furnishings	The picnic table does not allow a clear space for forward wheelchair approach with knee and toe clearance. Picnic Table near Door D-2 Provide a compliant picnic table that allows a clear space of 30" x 48" positioned for forward approach. Provide knee clearance, which shall be considered space under an element between 9" and 27" above the finish floor or ground. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. The knee clearance shall be 11" deep minimum at 9" above finish floor or ground, and 8" deep minimum at 27 inches above the finish floor or ground. Provide toe clearance between the finish floor or ground surface and a height of 9", width of 30" minimum, and depth of 17" minimum to 25" maximum. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the finish floor or ground shall not be considered toe clearance. Clear space shall be maximum 2.08% in all directions and a firm and stable surface.	2	1300
202493	Trinity Building / INTERIOR	Interior Access Route	Handrails are not compliant. Stairs by Door D-1 Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.	1	3260
202494	Trinity Building / INTERIOR	Interior Access Route	Handrails are not compliant. Stairs Near Door D-2 Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.	1	6520
206033	Trinity Building / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Storage /Shop Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	800

PHASE ONE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202553	Trinity Building / INTERIOR	Interior Access Route	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.	1	2000
202550	Trinity Building / EXTERIOR	Exterior Access Route	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.	1	99
PHASE ONE TOTAL					**$ 406,026**

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
197401	Old Fire Station Teen Center / EXTERIOR	Entrance to Building	The maneuvering clearance at the accessible door is not level and clear. Entrance E-1 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
197412	Old Fire Station Teen Center / EXTERIOR	Entrance to Building	The maneuvering clearance at the accessible door is not level and clear. Entrance E-2 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
197434	Old Fire Station Teen Center / EXTERIOR	Entrance to Building	The maneuvering clearance at the accessible door is not level and clear. Entrance E-3 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
197393	Old Fire Station Teen Center / EXTERIOR	Entrance to Building	The pull side of the accessible door does not have the required maneuvering clearances. Entrance E-4 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
197372	Old Fire Station Teen Center / INTERIOR	Entrance to Building	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Entrance E-4 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	1	366
197354	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Front Desk Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	728
199234	Old Fire Station Teen Center / INTERIOR	Common Areas	The service counter does not have 36" wide section that is 36" maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 30" wide section that is 36" maximum, with knee and toe clearance, that is oriented for a forward approach. Front Desk Provide a compliant section of the counter maximum 36" height with either a compliant parallel or a compliant forward approach to the counter. For a parallel approach, a portion of service counter must be 36" minimum wide and 36" maximum above finished floor. Clear space of minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a parallel approach, with the 48" dimension centered on the compliant portion of the counter. For a forward approach, a portion of service counter must be 30" wide and 36" high maximum. Knee and toe clearance shall be provided for a forward approach. Clear floor space minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a forward approach with the 30" dimension centered on the 30" width of the compliant counter section. Clear space at the counter shall be maximum 2.08% in all directions and a firm and stable surface.	2	1804
197359	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Front Desk - Storage Room, Staff Office Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	400

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
197355	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Front Desk, Bridge of Promise Office Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	2500
197340	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Front Entry, Couch Room Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	1000
197345	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Front Hallway Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	4	5439
197356	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The space between two doors in a series is less than 48" clear with doors open 90 degrees. Front Office Remove and replace with doors in a series that have at 48" of clear space between them, plus the width of any door swinging into the space. The distance between two hinged or pivoted doors in series and gates in series shall be 48" minimum plus the width of doors or gates swinging into the space.	1	1080
197358	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The threshold at the accessible door is greater than ½" in height. Front Office - Rear Storage Room Remove and replace with a threshold that is ½" or less in height. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	1	179
197360	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Game Room Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	728

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
197361	Old Fire Station Teen Center / INTERIOR	Common Areas	The locker room does not have at least one of the shelves at 40" minimum and 48" maximum height. Game Room Provide a minimum of 5% of the total number of lockers as designated accessible lockers, or at least one locker, which are accessible. Accessible lockers have clear space of 30" minimum by 48" minimum centered on the locker. Accessible lockers have operable parts that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds maximum. SHELVES AND COAT HOOKS: Accessible lockers have shelves and clothing hooks within at least one of the allowable reach ranges for a forward or side approach. A minimum of one shelf shall be 40" minimum and 48" maximum above the finish floor or ground. Hooks shall be within an allowable reach range. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	330
197373	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Game Room Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
199235	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Controls throughout the common area are not compliant. Game Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	225
197390	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	The accessible route does not have 80" vertical clearance. Gate G-1 Remove obstacle to provide 80" vertical clearance minimum. Provide at least 80" vertical head space along the accessible route. Where vertical clearance is less than 80" high, a barrier or guardrail, with at least one horizontal member 27" high maximum, shall be provided.	1	200
197403	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	The gate hardware is not compliant. Gate G-3 Handles, pulls, latches, locks and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate. Lever-operated mechanisms, push-type mechanisms and U-shaped handles are acceptable designs. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	200
197413	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	The gate maneuvering clearance area is not compliant. Gate G-4 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear. The required depth of the maneuvering clearance is 48". Minimum maneuvering clearances at gates shall be provided. Maneuvering clearances shall extend the full width of the gate and the required latch side or hinge side clearance. Changes in level are not permitted. [EXCEPTION: slopes not steeper than 1:48 shall be permitted.]	1	568
197391	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	The gate does not have a smooth surface within 10" of the ground. Gates G-1, G-2, G-3, G-4 Provide a swinging gate with a smooth surface within 10" of the ground, measured vertically on the push side of the gate and extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped.	2	640
197414	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	The gate maneuvering clearance area is not compliant. Gates G-1, G-4 Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear. The required depth of the maneuvering clearance is 60". The required side clearance of 18" on the latch side of the gate shall be provided within the maneuvering clearance area. Minimum maneuvering clearances at gates shall be provided. Maneuvering clearances shall extend the full width of the gate and the required latch side clearance. Changes in level are not permitted. [EXCEPTION: slopes not steeper than 1:48 shall be permitted.]	1	1136

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
197379	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Kitchen Relocate refrigerator or redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	250
197380	Old Fire Station Teen Center / INTERIOR	Kitchen	The location of the controls requires reaching across burners. Kitchen Replace the stove or oven with a unit that does not require reaching across burners to access the controls. The location of controls shall not require reaching across burners.	4	759
197381	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Kitchen Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	200
197382	Old Fire Station Teen Center / INTERIOR	Kitchen	The storage does not have at least 50% of cabinet shelf space within reach ranges (15"-48"; 46" max when shelving is 10" deep) AND/OR with handles that cannot be operated with one hand, and require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate, AND/OR without clear floor space. Kitchen Provide storage with at least 50% of shelf space within reach ranges, with handles that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist, nor require more than 5 pounds force to operate. Provide clear floor space at the accessible storage. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	4	1688
197383	Old Fire Station Teen Center / INTERIOR	Kitchen	The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Kitchen Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor.	2	720
197384	Old Fire Station Teen Center / INTERIOR	Kitchen	A minimum 30" wide section of the counter is not a minimum height of 28" and maximum height of 34" with knee and toe clearance. Kitchen Remove and install a kitchen counter that has a minimum 30" wide section of the work surface at minimum 28" height and maximum 34" height, and provides knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	4	2382

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
197386	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Kitchen Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	400
197387	Old Fire Station Teen Center / INTERIOR	Kitchen	The clearance between opposing base cabinets, counter tops, appliances or walls within kitchen work areas in a U-shaped kitchen enclosed on three sides are less than 60". Kitchen Relocate elements or remove elements to create minimum 60" clearance between opposing base cabinets, counter tops, appliances or walls within kitchen work areas. [EXCEPTION: Spaces that do not provide a cooktop or conventional range shall not be required to comply with 804.2.]	4	9850
199251	Old Fire Station Teen Center / INTERIOR	Kitchen	Exposed pipes lack insulation and/or sharp or abrasive surfaces are present under the sink. Kitchen Provide insulation on all exposed pipes at sinks requiring knee and toe clearance. Modify or insulate sharp or abrasive surfaces under the sink. A minimum of one sink in a multi-sink kitchen shall be compliant.	2	65
199228	Old Fire Station Teen Center / INTERIOR	Employee Work Areas	The work surface is not compliant. Manager's Office, Bridge of Promise Office, Front Office Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground.	5	3091
199225	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Manager's Office, Front Desk (2), Bridge of Promise Office Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	5	1172
199224	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The door has less than 32" clear width. Manager's Office, Front Desk Storage Room, Bridge of Promise Office Remove and replace with a door that has a minimum clear opening of 32". Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]	5	7800

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
199226	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The bottom of the door vision light is higher than 43". Manager's Office, Staff Meeting Room, Bridge of Promise Office Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.]	5	7800
199227	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Manger's Office, Bridge of Promise Office Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	1000
197346	Old Fire Station Teen Center / INTERIOR	Restroom	Restroom is not accessible, and directional signs to the nearest accessible restroom is not provided. Men's and Women's Restrooms Provide compliant directional signage to the closest accessible restroom. The directional signage shall include the International Symbol of Accessibility. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	110
197432	Old Fire Station Teen Center / EXTERIOR	Accessible Parking	The access aisle slope is greater than 1:50 (2%). Parking Stall P2-1 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	5000
197395	Old Fire Station Teen Center / EXTERIOR	Accessible Parking	WASHINGTON: The van access aisle is not compliant. Parking Stall P2-1 Stripe with a compliant van accessible access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	420
197388	Old Fire Station Teen Center / EXTERIOR	Accessible Parking	WASHINGTON: Signage is not located at the required height for the van accessible space. Parking Stalls P1-1 and P1-2 Provide signage mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background, and "van accessible". Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	560

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
197389	Old Fire Station Teen Center / EXTERIOR	Accessible Parking	WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Stalls P1-1, P1-2 and P2-1 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	560
197423	Old Fire Station Teen Center / EXTERIOR	Accessible Parking	The parking space slope is greater than 1:50 (2%). Parking Stalls P1-2 and P2-1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	12600
197400	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	The picnic table does not allow a clear space for forward wheelchair approach with knee and toe clearance. Patio and Picnic Areas Provide a compliant picnic table that allows a clear space of 30" minimum x 48" minimum positioned for forward approach. The table must provide knee clearance, which shall be considered space under an element between 9" and 27" above the finish floor or ground. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. The knee clearance shall be 11" deep minimum at 9" above finish floor or ground, and 8" deep minimum at 27 inches above the finish floor or ground. Provide toe clearance between the finish floor or ground surface and a height of 9", width of 30" minimum, and depth of 17" minimum to 25" maximum. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the finish floor or ground shall not be considered toe clearance. Wheelchair spaces shall adjoin accessible routes. Accessible routes and circulation paths shall not overlap wheelchair spaces. Clear space shall be maximum 1:48 (2.08%) in all directions and a firm and stable surface.	2	3900
197416	Old Fire Station Teen Center / EXTERIOR	Site Furnishings	Clear ground space is not provided at the trash receptacle with lid requiring operation. Patio Area Provide a clear ground space at the trash receptacle with closed lid. A compliant clear floor or ground space shall be provided. Floor or ground surfaces of a clear floor or ground space shall be stable, firm and slip resistant. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space.	2	237
197418	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	Clear ground space is not provided at the operable part. Patio Area Provide clear ground space at the operable part. The clear ground space shall be 30" minimum by 48" minimum, with a maximum slope of 2.08% in all directions. Clear ground space shall be positioned for either a forward or parallel approach to the operable part. The clear ground space shall be permitted to include knee and toe clearance. The clear ground space shall adjoin an accessible route or another clear ground space. Where a clear ground space is located in an alcove or otherwise confined on 3 or more sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24" for a forward approach. Alcoves shall be 60" wide minimum where the depth exceeds 15" for a parallel approach.	2	237

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
197408	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	A compliant turning space is not provided at a change of direction. Picnic Area Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	672
197409	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Picnic Area Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	178
197410	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	Clear ground space is not provided at the operable part. Picnic Area Provide clear ground space at the operable part. The clear ground space shall be 30" minimum by 48" minimum, with a maximum slope of 2.08% in all directions. Clear ground space shall be positioned for either a forward or parallel approach to the operable part. The clear ground space shall be permitted to include knee and toe clearance. The clear ground space shall adjoin an accessible route or another clear ground space. Where a clear ground space is located in an alcove or otherwise confined on 3 or more sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24" for a forward approach. Alcoves shall be 60" wide minimum where the depth exceeds 15" for a parallel approach.	2	478
197402	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	WASHINGTON: An exterior accessible route is not provided. Picnic Area - Stage Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	551

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
197362	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Recording Studio Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	879
197363	Old Fire Station Teen Center / INTERIOR	Interior Access Route	A platform lift is required but not provided. Recording Studio Install a platform lift. Platform lifts shall not be attendant-operated and shall provide unassisted entry and exit from the lift. Floor surfaces in platform lifts shall be firm, stable and slip resistant. Clear floor space in platform lifts shall be minimum 30" by minimum 48". Controls for platform lifts shall be within allowable reach ranges, and shall be operable without tight grasping, pinching, or twisting of the wrist. The force required to operate the controls shall not be greater than 5 lbs of force. Platform lifts shall have low-energy power-operated doors or gates. Doors shall remain open for 20 seconds minimum. End doors and gates shall provide a clear width 32" minimum. Side doors and gates shall provide a clear width 42" minimum. [EXCEPTION: Platform lifts serving two landings maximum and having doors or gates on opposite sides shall be permitted to have self-closing manual doors or gates.] If platforms are used, they shall conform with the applicable safety regulations of administrative authorizes having jurisdiction. Platform lifts shall comply with ASME A18.1 (1999 edition or 2003 edition). Platform lifts shall be permitted as a component of an accessible route in an existing building. Platform lifts can be part of the accessible means of egress where standby power is provided, and in the following situations: 1. An accessible route to a performing area and speakers' platforms in occupancies in Group A; 2. An accessible route to wheelchair spaces required to comply with the wheelchair space dispersion requirements; 3. An accessible route to spaces that are not open to the general public with an occupant load of not more than five; 4. An accessible route within a dwelling or sleeping unit; 5. An accessible route to wheelchair seating spaces located in outdoor dining terraces in A-5 occupancies where the means of egress from the dining terraces to a public way are open to the outdoors. 6. An accessible route to raised judges' benches, clerks' stations, jury boxes, witness stands and other raised or depressed areas in a court; 7. An accessible route where existing exterior site constraints make use of a ramp or elevator infeasible.	1	22525
197364	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Handrails are not compliant. Recording Studio Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.	1	815

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
197353	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The existing signage is not mounted at the latch side of the door or at a compliant height. Recording Studio Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	55
197368	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Recording Studio Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	400
197370	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Recording Studio Relocate the equipment or redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	250
197366	Old Fire Station Teen Center / INTERIOR	Common Areas	The work surface height is not compliant. Knee and toe clearances are not provided. Recording Studio - Sound Booth Provide work surface tables at a compliant height. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing, other tables or fixtures for personal grooming.	2	1030
197367	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Recording Studio - Sound Booth Door Relocate equipment or redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
197429	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from Entrance E-4 to Gate G-2 Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	716
197425	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from Gate G-1 Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	1000
197415	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	A compliant turning space is not provided at a change of direction. Route from Gate G-4 to Entrance E-1 Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	495
197420	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from Parking Lot 1 to the Entrance E-1 Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	7928

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
197398	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	WASHINGTON: The clear width of the exterior accessible route is less than 44". Route from Parking Lot 2 to Entrance E-3 Provide an exterior accessible route with minimum clear width of 44". An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	107
197430	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from Parking Stall P2-1 Access Aisle to Gate G-2 Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	600
197419	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Route from the Entrance E-1 to the Public Sidewalk Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	356
197399	Old Fire Station Teen Center / EXTERIOR	Exterior Access Route	The sidewalk does not have 80" vertical clearance. Route to Entrance E-1 Remove obstacle to provide 80" vertical clearance minimum. Provide at least 80" vertical head space along the accessible route. Where vertical clearance is less than 80" high, a barrier or guardrail 27" high maximum shall be provided.	1	500
197319	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Steps do not have uniform and compliant riser heights and/or tread depths. Show Room - Sound Booth All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum.	1	688
197320	Old Fire Station Teen Center / INTERIOR	Common Areas	The work surface height is not compliant. Knee and toe clearances are not provided. Show Room - Sound Booth Provide work surface tables at a compliant height. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space 30" minimum by 48" minimum, positioned for a forward approach with the 30" dimension paralleling the edge of the work surface, shall be provided. Knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing, other tables or fixtures for personal grooming.	2	4764

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
197321	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The gate does not have a smooth surface within 10" of the ground measured vertically on the push side extending the full width of the gate. Show Room - Sound Booth Provide a swinging gate with a smooth surface within 10" of the ground measured vertically on the push side extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped.	2	160
199421	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Handrails are not provided. Show Room - Sound Booth Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. If children are primary users, is there a second set of handrails with minimum 9" between lower and higher rail and is the lower rail 28" maximum from the ramp surface. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed by newel posts, other construction elements, or obstructions for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights and ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.]	1	1304
199422	Old Fire Station Teen Center / INTERIOR	Interior Access Route	A ramp is required but not provided. Show Room - Sound Booth Provide a compliant ramp or reduce the walking surface to maximum 1:20 (5%) running slope. The cost estimate for this barrier removal is based on providing a ramp, rather than grading the running slope to maximum 1:20 (5%). Ramp runs shall have a running slope not steeper than 1:12, and a cross slope not steeper than 1:48. [EXCEPTION: In existing sites built pre-1/26/92, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations.Where slopes are steeper than 1:10 but not steeper than 1:8, the rise shall be 3" maximum. Where slopes are steeper than 1:12 but not steeper than 1:10, the rise shall be 6" maximum.] The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" minimum. The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" minimum. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] Ramp runs shall have maximum 30" rise. Ramp landings shall be located at the top and bottom of ramp runs, and at turns of ramp direction. Landings shall be 1:48 maximum slope in any direction. Landings shall be minimum 60" length, and as wide as the ramp run, except ramp landings at turns which shall be minimum 60" x 60" minimum. All ramp runs with a rise of 6" or greater shall have handrails on each side of the ramp. Handrails shall be compliant. The top of the handrail gripping surface shall be 34" minimum to 38" maximum vertically above the ramp surface. Provide edge protection on the sides of each ramp run which rises more than 6" and on ramp landings. Compliant edge protection shall be provided on each side of ramp runs and at each side of ramp landings. Compliant edge protection is EITHER a curb or barrier that prevents the passage of a 4" diameter sphere where the sphere is within 4" of the ramp surface OR an extension of the ramp surface 12" minimum beyond the inner face of the rail. [EXCEPTIONS: 1. Edge protection shall not be required on ramps that are not required to have handrails and have sides. 2. Edge protection shall not be required on the sides of ramp landings serving an adjoining ramp run or stairway. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of 1/2" maximum within 10" horizontally of the minimum required landing area.] Ramps and their approaches shall be designed so that water will not accumulate on walking surfaces.	1	12578

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
199423	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The ramp run rises 6" or greater but has no handrails. Show Room - Sound Booth Install compliant handrails on each side of ramp.Handrails are required on ramp runs with a rise greater than 6". Handrails are not required on walking surfaces with running slopes less than 1:20. Handrails shall be provided on both sides of ramps. [EXCEPTION: In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.] Handrails shall be continuous within the full length of each ramp run. Inside handrails on ramps shall be continuous between runs. [EXCEPTION: In assembly areas, handrails on ramps shall not be required to be continuous in aisles serving seating.] Handrails shall be at a consistent height above the ramp on both sides of the ramp. Tops of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. [ADVISORY: The requirements for ramp handrails are for adults. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28", measured to the top of the gripping surface from the ramp surface or stair nosing, is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.] Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Ramp handrails shall extend horizontally above the landing for 12" minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run. Edge Protection: A curb or barrier shall be provided that prevents the passage of a 4" diameter sphere, where any portion of the sphere is within 4" of the finish floor or ground surface, or the surface of the ramp shall extend 12" minimum beyond the handrail. [EXCEPTIONS: 1. Edge protection is not required on ramps that are not required to have handrails and curb ramps with flares. 2. Edge protection is not required on the sides of ramp landings servings an adjoining ramp run. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of ½" maximum within 10" horizontally of the minimum landing area.]	1	10080
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	0
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	6000
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	5040

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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	3260
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 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, 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	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

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
197341	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols. Sports Closet, Arts Closet Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	110
197310	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Staff Offices Relocate furniture or redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	5	2500
197342	Old Fire Station Teen Center / INTERIOR	Employee Work Areas	The door does not have 80" minimum vertical clearance from finish floor, excluding door closer hinged bar and door stops which can be 78" minimum. Staff Offices (2), Front Desk (2), Bridge of Promise Office Provide accessible door with 80" minimum vertical clearance. [EXCEPTION: Door closer and door stops can be 78" minimum.]	5	13000
197309	Old Fire Station Teen Center / INTERIOR	Interior Access Route	The existing signage is not mounted at the latch side of the door or at a compliant height. Staff Offices, Staff Meeting Room Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	220
197318	Old Fire Station Teen Center / INTERIOR	Interior Access Route	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Stage Room, Game Room, Couch Room Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	600
197323	Old Fire Station Teen Center / INTERIOR	Restroom	The threshold at the accessible door is greater than 1/2" in height. Unisex Restroom Remove and replace with a threshold that is 1/2" or less in height. Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	3	1250

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
197324	Old Fire Station Teen Center / INTERIOR	Restroom	The pull side of the accessible door does not have the required maneuvering clearances. Unisex Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	3	1250
197326	Old Fire Station Teen Center / INTERIOR	Restroom	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Unisex Restroom Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	293
197327	Old Fire Station Teen Center / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Unisex Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48' maximum and the low forward reach shall be 15' minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48' maximum where the reach depth is 20' maximum. Where the reach depth exceeds 20', the high forward reach shall be 44' maximum and the reach depth shall be 25' maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48' maximum and the low side reach shall be 15' minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10' maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34' maximum and the depth of the obstruction shall be 24' maximum. The high side reach shall be 48' maximum for a reach depth of 10' maximum. Where the reach depth exceeds 10', the high side reach shall be 46' maximum for a reach depth of 24' maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	115
197328	Old Fire Station Teen Center / INTERIOR	Restroom	The water closet in a single user / unisex restroom does not have the required clearance. Unisex Restroom Redesign to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	1368

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
197330	Old Fire Station Teen Center / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Unisex Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]	3	293
197331	Old Fire Station Teen Center / INTERIOR	Restroom	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Unisex Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	630
197333	Old Fire Station Teen Center / INTERIOR	Restroom	The rear grab bar at the water closet is not compliant. Unisex Restroom Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33' minimum and 36' maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18' minimum and 27' maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	355
197334	Old Fire Station Teen Center / INTERIOR	Restroom	The space between the grab bar and projecting objects above the grab bar is less than 12" minimum. Unisex Restroom Move the projecting object above the grab bar to 12" minimum from the top of the gripping surface of the grab bar. [EXCEPTION: The space between grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1-1/2" minimum.]	3	100

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
197337	Old Fire Station Teen Center / INTERIOR	Restroom	WASHINGTON: The shower and/or controls are not compliant in the roll-in shower. Unisex Restroom Install compliant shower spray unit and controls in the roll-in shower. The shower shall have a shower spray unit with 59" minimum long hose which can be used as a hand-held unit or a fixed shower head at 48" maximum height. If a shower spray unit with hose is present, the shower spray unit shall be capable of being used as a hand-held as well as a fixed shower head. The shower spray unit have a control with a non-positive shut-off feature. An adjustable-height hand shower shall be mounted on a vertical bar and installed so as to not obstruct the use of grab bars. [EXCEPTION: A fixed shower head located 48" maximum above the shower floor shall be permitted in lieu of a hand shower.] The shower spray unit shall deliver water with same pressure as the shower head. Shower spray units shall require maximum 5lbs of force to operate.	3	500
197339	Old Fire Station Teen Center / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present at the water closet. Unisex Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	355
199231	Old Fire Station Teen Center / INTERIOR	Restroom	WASHINGTON: Grab bars are not provided or are not compliant in the roll-in shower. Unisex Restroom Install compliant grab bars in the roll-in shower. [EXCEPTIONS: 1. Grab bars shall not be required to be installed in a shower located in a bathing facility for a single occupant accessed only through a private office, and not for common use or public use provided that reinforcement has been installed in walls and located so as to permit the compliant installation of grab bars. 2. In residential dwelling units, grab bars shall not be required to be installed in showers located in bathing facilities provided that reinforcement has been installed in walls and located so as to permit the compliant installation of grab bars.] Where a seat is provided in standard roll-in type shower compartments, grab bars shall be provided on the back wall and the side wall opposite the seat. Grab bars shall not be provided above the seat. Where a seat is not provided in standard roll-in type shower compartments, grab bars shall be provided on three walls. A grab bar shall be provided on the back wall beginning at the edge of the seat. The back wall grab bar shall extend the length of the wall but is not required to exceed 48" in length. Where a side wall is provided opposite the seat within 72" of the seat wall, provide a grab bar on the side wall opposite the seat. The side wall grab bar shall extend the length of the wall, but is not required to exceed 30" in length. Grab bars shall be installed 6" maximum from adjacent walls. Grab bars shall have a compliant cross section. Grab bars with circular cross sections shall have an outside diameter of 1-1/4" minimum and 2" maximum. Grab bars with non-circular cross sections shall have a cross-section dimension of 2" maximum and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below and at the ends shall be 1-1/2" minimum. The space between the grab bar and projecting objects above shall be 12" minimum. [EXCEPTION: The space between the grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1- 1/2" minimum.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. Grab bars and any wall or other surfaces adjacent to grab bars shall be free of sharp or abrasive elements and shall have rounded edges. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the specified locations and that does not obstruct the required clear floor space. Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener, mounting device, or supporting structure.	3	1405
199232	Old Fire Station Teen Center / INTERIOR	Restroom	WASHINGTON: The shower and/or controls are not compliant in the roll-in shower. Unisex Restroom Install compliant shower spray unit and controls in the roll-in shower. The shower shall have a shower spray unit with 59" minimum long hose which can be used as a hand-held unit or a fixed shower head at 48" maximum height. If a shower spray unit with hose is present, the shower spray unit shall be capable of being used as a hand-held as well as a fixed shower head. The shower spray unit have a control with a non-positive shut-off feature. An adjustable-height hand shower shall mounted on a vertical bar and installed so as to not obstruct the use of grab bars. [EXCEPTION: A fixed shower head located 48" maximum above the shower floor shall be permitted in lieu of a hand shower.] The shower spray unit shall deliver water with same pressure as the shower head. Shower spray units shall require maximum 5lbs of force to operate.	3	1405
201326	Public Safety Building / EXTERIOR	Exterior Access Route	Operable parts or items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Auto Sallyport J100 Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" (610 mm) maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	2	1000

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202827	Public Safety Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Break Room 254 Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 201320. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	200
201319	Public Safety Building / INTERIOR	Kitchen	The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Break Room 254 Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor.	2	720
201320	Public Safety Building / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. Break Room 254 Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. This barrier must be removed in conjunction with barrier ID 202827. The cost of this barrier removal is covered under ID 202827 and therefore, the cost of this ID is shown as $0. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	0
201198	Public Safety Building / INTERIOR	Interior Access Route	Means of egress signage is not provided. Building Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55% minimum and 110% maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.]	3	220
201305	Public Safety Building / INTERIOR	Kitchen	The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Coffee Alcove 243 Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor.	2	720

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201306	Public Safety Building / INTERIOR	Kitchen	The height of controls throughout the common area are not compliant. Coffee Alcove 243 Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	125
201274	Public Safety Building / INTERIOR	Interior Access Route	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Corridor 287 Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	4	5439
201275	Public Safety Building / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Corridor 287 Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	728
201332	Public Safety Building / EXTERIOR	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 201333 & 201334. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	1750
201333	Public Safety Building / EXTERIOR	Exterior Access Route	WASHINGTON: The curb ramp width is less than 44". Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant ramp that has a minimum clear width of 44". This barrier must be removed in conjunction with barrier ID 201332 & 201334. The cost of this barrier removal is covered under ID 201332 and therefore, the cost of this ID is shown as $0. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.]	1	0
201334	Public Safety Building / EXTERIOR	Exterior Access Route	A landing at the top of the curb ramp is not present. Curb Ramp 1 (CR1) Construct a landing at the top of the curb ramp. This barrier must be removed in conjunction with barrier ID 201333 & 201334. The landing clear length shall be 36" minimum. The landing clear width shall be at least as wide as the curb ramp, excluding flared sides, leading to the landing. [EXCEPTION: In alterations, where there is no landing at the top of curb ramps, curb ramp flares shall be provided and shall not be steeper than 1:12.] The slope of the landing, where the landing connects to a sidewalk aligned perpendicular or angled to the curb ramp run requiring a wheelchair turn, shall be maximum 1:48 (2.08%). Where the landing connects to a sidewalk where the path of travel continues only in the same alignment as the curb ramp run, the slope of the landing may be maximum 5%.	1	1289

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201328	Public Safety Building / EXTERIOR	Exterior Access Route	Operable parts or items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Entry 197 Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" (610 mm) maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	2	150
201242	Public Safety Building / INTERIOR	Interior Access Route	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Entry 197 Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	4	5439
201243	Public Safety Building / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Entry 197 Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	728
201244	Public Safety Building / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Entry 197 Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	500
201327	Public Safety Building / EXTERIOR	Exterior Access Route	The hardware at the accessible door is mounted below 34" or above 48". Entry J101 Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	676

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201179	Public Safety Building / INTERIOR	Interior Access Route	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	5439
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	9762

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201270	Public Safety Building / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. Exercise 165 Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	250
201271	Public Safety Building / INTERIOR	Common Areas	Controls throughout the common area are not compliant. Exercise 165 Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	225
201329	Public Safety Building / EXTERIOR	Exterior Access Route	The gate does not have a smooth surface within 10" of the ground. Gate 1 (G1) & Gate 2 (G2) Provide a swinging gate with a smooth surface within 10" of the ground, measured vertically on the push side of the gate and extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped.	2	320
201341	Public Safety Building / INTERIOR	Common Areas	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Jail Booking Area J104 Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	4	5439
201342	Public Safety Building / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Jail Booking Area J104 Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	728

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201339	Public Safety Building / INTERIOR	Detention/Correctional Facilities	Less than 3% of the detention cells are mobility cells. Jail Cells J106, J107, J111, J125, J127 Provide a minimum of 3%, but no fewer than one, of the total number of cells being altered or constructed until at least 3%, but no fewer than one, of the total number of cells in a facility. provide mobility features. Required mobility features are: Where separate holding cells are provided for adult male, juvenile male, adult female or juvenile female, one of each type shall comply. Where central holding cells are provided and are not separated by age or sex, at least one cell shall have mobility features. Provide a wheelchair toilet stall within the cell with minimum dimensions: 60" minimum wide by 56" minimum deep for a wall hung toilet or 60" minimum wide by 59" minimum deep for floor mounted toilet. The lavatory shall not overlap the required clear space at the toilet of minimum 60" measured from side wall and minimum 56" measured from rear wall. Measurements shall be perpendicular to the wall. A turning space minimum 60" in diameter, or a T-shaped space shall be provided within the cell. A T-shaped turning space shall be within a 60" square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each directions and the base shall be clear of obstructions 24" minimum. The approach to the turning space shall be 48" wide minimum and the exit 42" wide minimum. The bed shall have an adjacent clear space of 30" minimum by 48" minimum, with the 48" long dimension parallel with length of the bed. Where audible emergency alarm systems are provided to serve the occupants of cells, the cell shall be equipped with an visible emergency alarm system. [EXCEPTION: Visible alarms shall not be required where inmates or detainees are not allowed independent means of egress.] Where a bench is provided, the bench shall have adjacent clear space minimum 30" by minimum 48" at the end of the bench, with the 48" dimension parallel to the short axis of the bench. The bench shall have the following dimensions: 20" minimum to 24" maximum deep by 42" minimum long bench, fixed either against a wall or with backrest along the longer dimension. The top of the bench seat shall be 17" minimum and 19" maximum from finish floor. The backrest shall be minimum 42" long, with extension from a point 2" maximum above seat surface to 18" minimum above seat surface, and maximum 2 1/2" behind the rear edge of the seat. all parts of the seat have structural strength to support 250 LBS vertical or horizontal stress applied to all points on seat, fastener, or mounting device. When installed in possible wet locations, the surface of the seat shall be slip resistant, and designed to not accumulate water. [EXCEPTION: Alterations to cells shall not be required to comply except to the extent determined by the U. S. Attorney General.] Although these requirements do not specify that cells be accessible as a consequence of an alteration, Title II of the ADA requires that each service, program, or activity conducted by a public entity, when viewed in its entirety, be readily accessible to and usable by individuals with disabilities. This requirement must be met unless doing so would fundamentally alter the nature of a service, program, or activity or would result in undue financial and administrative burdens. Buildings, facilities, or portions thereof, in which people are detained for penal or correction purposes, or in which the liberty of the inmates is restricted for security reasons shall comply. Alterations to jails, prisons, and other detention and correctional facilities shall comply with the 2010 Standards, except that public entities shall provide compliant accessible mobility features for a minimum of 3%, but no fewer than one, of the total number of cells being altered until at least 3%, but no fewer than one, of the total number of cells in a facility shall provide compliant mobility features . Altered cells with mobility features shall be provided in each classification level. However, when alterations are made to specific cells, detention and correctional facility operators may satisfy their obligation to provide the required number of cells with mobility features by providing the required mobility features in substitute cells (cells other than those where alterations are originally planned), provided that each substitute cell— (i) Is located within the same prison site; (ii) Is integrated with other cells to the maximum extent feasible; (iii) Has, at a minimum, equal physical access as the altered cells to areas used by inmates or detainees for visitation, dining, recreation, educational programs, medical services, work programs, religious services, and participation in other programs that the facility offers to inmates or detainees; and, (iv) If it is technically infeasible to locate a substitute cell within the same prison site, a substitute cell must be provided at another prison site within the corrections system. [Advisory 807.2.4 Toilet and Bathing Facilities. In holding cells, housing cells, or rooms required to be accessible, these requirements do not require a separate toilet room.] Altered cells with mobility features shall be provided in each classification level. General holding cells and general housing cells shall be provided.	3	13550
201337	Public Safety Building / 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". 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.]	1	293
201338	Public Safety Building / INTERIOR	Common Areas	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.	2	290

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202900	Public Safety Building / INTERIOR	Restroom	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.]	3	115
202901	Public Safety Building / INTERIOR	Restroom	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.]	3	200

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202902	Public Safety Building / INTERIOR	Restroom	The entire restroom is not compliant due to limited room dimensions, non-compliant fixtures and layout. Jail Restroom/Shower J123 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	3	12000

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201343	Public Safety Building / INTERIOR	Restroom	WASHINGTON: The transfer shower stall is not compliant. Jail Restroom/Shower J123 Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required hor-izontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and project-ing objects above the grab bar shall be 12" minimum.[EXCEPTIONS:1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fit-tings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and verti-cal grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or hori-zontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or sup-porting 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	3	7181
201344	Public Safety Building / INTERIOR	Restroom	The height of controls throughout the common area are not compliant. Jail Restroom/Shower J123 Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	200
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

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201195	Public Safety Building / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Lobby Reception 105 Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	1804
201196	Public Safety Building / INTERIOR	Interior Access Route	The highest operable part of the accessible public telephone is not compliant. Lobby Reception 105 Lower so that the highest operable part of the telephone is within the allowable reach ranges. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" (610 mm) maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	4	400
201322	Public Safety Building / INTERIOR	Kitchen	The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Lounge 247 Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor.	2	720
201323	Public Safety Building / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. Lounge 247 Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. This barrier must be removed in conjunction with barrier ID 202828. The cost of this barrier removal is covered under ID 202828 and therefore, the cost of this ID is shown as $0. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	250
202828	Public Safety Building / INTERIOR	Interior Access Route	Controls throughout the common area are not compliant. Lounge 247 Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. This barrier must be removed in conjunction with barrier ID 201323. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	225

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201325	Public Safety Building / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Lower Level Police Vehicle Parking Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	1456
201291	Public Safety Building / INTERIOR	Kitchen	The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Lunch Room 226 Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor.	2	720
201292	Public Safety Building / INTERIOR	Common Areas	Controls throughout the common area are not compliant. Lunch Room 226 Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	225
201293	Public Safety Building / INTERIOR	Common Areas	The height of controls throughout the common area are not compliant. Lunch Room 226 Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	125
201247	Public Safety Building / INTERIOR	Restroom	The height of controls are not compliant. Men's Lockers 160 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	500
201254	Public Safety Building / INTERIOR	Restroom	The pull side of the accessible door does not have the required maneuvering clearances. Men's Lockers 160 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	3	1250

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201248	Public Safety Building / INTERIOR	Restroom	The locker area does not have a compliant bench. Men's Lockers 160 & Women's Lockers 163 Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.	3	1200
201249	Public Safety Building / INTERIOR	Restroom	Pipes are not insulated. Men's Lockers 160 & Women's Lockers 163 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	130
201250	Public Safety Building / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. Men's Lockers 160 & Women's Lockers 163 Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	586
201251	Public Safety Building / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Men's Lockers 160 & Women's Lockers 163 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	1420
201252	Public Safety Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Lockers 160 & Women's Lockers 163 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	710

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201253	Public Safety Building / INTERIOR	Restroom	WASHINGTON: The roll-in shower stall is not compliant. Men's Lockers 160 & Women's Lockers 163 Provide a compliant roll-in shower. SHOWER SIZE AND SEAT: Standard roll-in-type shower compartments shall have a clear inside dimension of 60" minimum in width and 30" minimum in depth, measured at the center point of opposing sides. An entry 60“ minimum in width shall be provided. Provide clearance of 60" minimum long adjacent to the 60" width of the open face of the shower compartment, and 30" minimum deep. [EXCEPTION: A lavatory shall be permitted at the end of the clearance opposite the seat.] A folding seat shall be provided on an end wall. [EXCEPTIONS: 1. A seat is not required to be installed in a shower for a single occupant accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located to permit the installation of a shower seat. 2. A fixed seat shall be permitted where the seat does not overlap the minimum clear inside dimension.] Alternate roll-in shower compartments shall have a clear inside dimension of 60" minimum in width, and 36" deep, measured at the center point of opposing sides. An entry 36" minimum in width shall be provided at one end of the 60" width of the compartment. A seat wall, 24" minimum and 36" maximum in length, shall be provided on the entry side of the compartment. A folding seat shall be provided on the seat wall opposite the back wall. [EXCEPTION: A seat is not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of a shower seat.] SHOWER SEATS: The height of shower compartment seats shall be 17 minimum and 19" maximum above the bathroom floor, measured to the top of the seat. In transfer-type and alternate roll-in-type showers, the seat shall extend along the seat wall to a point within 3" of the compartment entry. In standard roll-in-type showers, the seat shall extend from the control wall to a point within 3" of the compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the control wall of a roll-in-type shower. The rear edge of an L shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] In standard roll-in type showers, a grab bar shall be provided on the back wall beginning at the edge of the seat. The grab bars shall not be provided above the seat. The back wall grab bar shall extend the length of the wall but shall not be required to exceed 48" length. Where a side wall is provided opposite the seat within 72" of the seat wall, a grab bar shall be provided on the side wall opposite the seat. The side wall grab bar shall extend the length of the wall but shall not be required to exceed 30" length. In alternate roll-in type showers, grab bars shall be provided on the back wall and the end wall adjacent to the seat. Grab bars shall not be provided above the seat. For both standard and alternate roll-in showers, grab bars shall be 6" maximum from the adjacent wall. Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor, measured to the top of the gripping surface Grab bars with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Grab bars with a noncircular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below and at the ends of the grab bar shall be 1-1/2" minimum. The	3	9500
201245	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 Lockers 160 & Women's Lockers 163 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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 TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201246	Public Safety Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Men's Lockers 160 & Women's Lockers 163 Install at least on coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	230
202823	Public Safety Building / INTERIOR	Restroom	The height of controls are not compliant. Men's Lockers 160 & Women's Lockers 163 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	400
201208	Public Safety Building / INTERIOR	Restroom	The pull side of the accessible door does not have the required maneuvering clearances. Men's Restroom 120 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	3	1250
201209	Public Safety Building / INTERIOR	Restroom	Pipes are not insulated. Men's Restroom 120 & Women's Restroom 121 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	130
201210	Public Safety Building / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Men's Restroom 120 & Women's Restroom 121 Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	400
201211	Public Safety Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom 120 & Women's Restroom 121 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	710

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201212	Public Safety Building / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. Men's Restroom 120 & Women's Restroom 121 Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	586
201213	Public Safety Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Men's Restroom 120 & Women's Restroom 121 Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	230
201214	Public Safety Building / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Men's Restroom 120 & Women's Restroom 121 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	1420
201207	Public Safety Building / INTERIOR	Restroom	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Men's Restroom 120 & Women's Restroom 121 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	3	732

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201224	Public Safety Building / INTERIOR	Restroom	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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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
201225	Public Safety Building / INTERIOR	Restroom	The entire restroom is not compliant due to limited room dimensions. Men's Restroom 141 & Women's Restroom 142 Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. 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	3	24000
201226	Public Safety Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Men's Restroom 141 & Women's Restroom 142 Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 202764. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	400

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201227	Public Safety Building / INTERIOR	Restroom	The hardware at the accessible door requires tight grasping, pinching or twisting of the wrist to operate Men's Restroom 141 & Women's Restroom 142 Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	586
202764	Public Safety Building / INTERIOR	Restroom	The height of controls are not compliant. Men's Restroom 141 & Women's Restroom 142 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 201226. The cost of this barrier removal is covered under ID 201226 and therefore, the cost of this ID is shown as $0. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	0
202820	Public Safety Building / INTERIOR	Restroom	The height of controls are not compliant. Men's Restroom 178, 179, 180, 182 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	200
202821	Public Safety Building / INTERIOR	Restroom	The shelf is not located between 40" minimum and 48" maximum above finish floor. Men's Restroom 178, 179, 180, 182 Relocate a shelf to 40" minimum and 48" maximum above finish floor.	3	150

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202822	Public Safety Building / INTERIOR	Restroom	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	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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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	1320

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201233	Public Safety Building / INTERIOR	Restroom	The locker area does not have a compliant bench. Men's Restroom 178, 179, 180, 182 Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.	3	600
201234	Public Safety Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Men's Restroom 178, 179, 180, 182 Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	115
201235	Public Safety Building / INTERIOR	Restroom	WASHINGTON: Grab bars are not provided or are not compliant in the roll-in shower. Men's Restroom 178, 179, 180, 182 Install compliant grab bars in the roll-in shower. [EXCEPTIONS: 1. Grab bars shall not be required to be installed in a shower located in a bathing facility for a single occupant accessed only through a private office, and not for common use or public use provided that reinforcement has been installed in walls and located so as to permit the compliant installation of grab bars. 2. In residential dwelling units, grab bars shall not be required to be installed in showers located in bathing facilities provided that reinforcement has been installed in walls and located so as to permit the compliant installation of grab bars.] Where a seat is provided in standard roll-in type shower compartments, grab bars shall be provided on the back wall and the side wall opposite the seat. Grab bars shall not be provided above the seat. Where a seat is not provided in standard roll-in type shower compartments, grab bars shall be provided on three walls. A grab bar shall be provided on the back wall beginning at the edge of the seat. The back wall grab bar shall extend the length of the wall but is not required to exceed 48" in length. Where a side wall is provided opposite the seat within 72" of the seat wall, provide a grab bar on the side wall opposite the seat. The side wall grab bar shall extend the length of the wall, but is not required to exceed 30" in length. Grab bars shall be installed 6" maximum from adjacent walls. Grab bars shall have a compliant cross section. Grab bars with circular cross sections shall have an outside diameter of 1-1/4" minimum and 2" maximum. Grab bars with non-circular cross sections shall have a cross-section dimension of 2" maximum and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below and at the ends shall be 1-1/2" minimum. The space between the grab bar and projecting objects above shall be 12" minimum. [EXCEPTION: The space between the grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1- 1/2" minimum.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. Grab bars and any wall or other surfaces adjacent to grab bars shall be free of sharp or abrasive elements and shall have rounded edges. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the specified locations and that does not obstruct the required clear floor space. Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener, mounting device, or supporting structure.	3	1405
201236	Public Safety Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Men's Restroom 178, 179, 180, 182 Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 202822. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	400

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201237	Public Safety Building / INTERIOR	Restroom	The flush control is located on the closed side and/or is not within reach range. Men's Restroom 178, 179, 180, 182 Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments.	3	313
201238	Public Safety Building / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Men's Restroom 178, 179, 180, 182 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	710
201239	Public Safety Building / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. Men's Restroom 178, 179, 180, 182 Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	293
201240	Public Safety Building / INTERIOR	Restroom	The wheelchair stall door is not self closing. Men's Restroom 178, 179, 180, 182 Remove hinge hardware and replace with hardware which provides self-closing of the door.	3	293
201241	Public Safety Building / INTERIOR	Restroom	The height of controls are not compliant. Men's Restroom 178, 179, 180, 182 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	500

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201303	Public Safety Building / INTERIOR	Restroom	The force required to open the interior, hinged, non-fire door is more than 5 pounds. Men's Restroom 259 & Women's Restroom 258 Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.	3	732
201295	Public Safety Building / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom 259 & Women's Restroom 258 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	110
201296	Public Safety Building / INTERIOR	Restroom	Pipes are not insulated. Men's Restroom 259 & Women's Restroom 258 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	130
201297	Public Safety Building / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. Men's Restroom 259 & Women's Restroom 258 Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	586

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201298	Public Safety Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Men's Restroom 259 & Women's Restroom 258 Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	230
201299	Public Safety Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom 259 & Women's Restroom 258 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	710
201300	Public Safety Building / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Men's Restroom 259 & Women's Restroom 258 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	1420
201277	Public Safety Building / INTERIOR	Restroom	The pull side of the accessible door does not have the required maneuvering clearances. Men's Restroom 288 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 54" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	3	1250
201278	Public Safety Building / INTERIOR	Restroom	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Men's Restroom 288 Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	3	366
201279	Public Safety Building / INTERIOR	Restroom	Pipes are not insulated. Men's Restroom 288 & Women's Restroom 285 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	130

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201280	Public Safety Building / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. Men's Restroom 288 & Women's Restroom 285 Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	586
201281	Public Safety Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Men's Restroom 288 & Women's Restroom 285 Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	230
201282	Public Safety Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom 288 & Women's Restroom 285 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	710
201283	Public Safety Building / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Men's Restroom 288 & Women's Restroom 285 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	1420

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201276	Public Safety Building / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Men's Restroom 288 & Women's Restroom 285 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	110
201335	Public Safety Building / EXTERIOR	Exterior Access Route	A curb ramp is not provided where the accessible route crosses a curb. North Pedestrian Walkway Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted.	1	5600
201204	Public Safety Building / EXTERIOR	Interior Access Route	Clear floor space is not provided at the accessible public telephone Northwest Entrance Provide a clear floor space of at least 30" x 48" that allows either a forward of parallel approach. A compliant clear floor or ground space shall be provided. The clear floor or ground space shall not be obstructed by bases, enclosures, or seats. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. EXCEPTION: Slopes not steeper than 1:48 shall be permitted. The clear floor or ground space shall be 30" (760 mm) minimum by 48" (1220 mm) minimum.	4	237
201205	Public Safety Building / EXTERIOR	Exterior Access Route	Clear space is not provided at the operable part. Northwest Entrance Provide clear space at the operable part. Floor or ground surfaces of a clear floor or ground space shall have slopes not steeper than 1:48, and shall be stable, firm, and slip resistant. Clear space shall be 30" minimum by 48" minimum, positioned for a forward or parallel approach. One full unobstructed side shall adjoin an accessible route or adjoin another clear floor or ground space. Clear floor or ground space shall include knee and toe clearance.	3	237

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201336	Public Safety Building / EXTERIOR	Exterior Access Route	An accessible passenger loading/unloading zone is not provided where a loading/unloading area is present. Northwest Entry Loading/Unloading Zone Provide an accessible passenger loading/unloading zone. Passenger loading zones shall provide at least one accessible passenger loading zone in every continuous 100 linear feet of loading zone space, or fraction thereof, except bus loading areas. At least one accessible passenger loading zone shall be provided at an accessible entrance to a licensed medical care or licensed long term care facility where the period of stay exceeds 24 hours. The vehicular pull-up space shall be 96 inches wide minimum and 20 feet long minimum. The loading/unloading zone should allow the access aisle to be at the same level as the loading/unloading area it serves. The access aisle should be marked and separate from the loading/unloading area it serves. The access aisle shall be 60 inches wide minimum. Access aisles shall extend the full length of the vehicle pull-up spaces they serve. Access aisles shall be marked so as to discourage parking in them. Vehicle pull-up spaces and access aisles serving them shall comply. Access aisles shall be at the same level as the vehicle pull-up space they serve. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Vehicle pull-up spaces, access aisles serving them, and a vehicular route from an entrance to the passenger loading zone, and from the passenger loading zone to a vehicular exit shall provide vertical clearance of 114 inches minimum.	1	3171
201321	Public Safety Building / INTERIOR	Interior Access Route	The door has less than 32" clear width. Office 248 Remove and replace with a door that has a minimum clear opening of 32". Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]	1	2600
201171	Public Safety Building / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	1400
201345	Public Safety Building / INTERIOR	Employee Work Areas	The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks). Police Lab Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	2	720

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201346	Public Safety Building / INTERIOR	Employee Work Areas	The height of controls throughout the common area are not compliant. Police Lab Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	1000
201347	Public Safety Building / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Police Lab Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	55
201348	Public Safety Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Police Lab Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	115

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201349	Public Safety Building / INTERIOR	Restroom	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	2608

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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	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 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	8606
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	3490

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201308	Public Safety Building / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Restroom 253 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	55
201309	Public Safety Building / INTERIOR	Restroom	Pipes are not insulated. Restroom 253 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	65
201310	Public Safety Building / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Restroom 253 Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	200
201311	Public Safety Building / INTERIOR	Restroom	The height of controls are not compliant. Restroom 253 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	200

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201312	Public Safety Building / INTERIOR	Restroom	The height of the water closet is not 17" minimum to 19" maximum above finished floor. Restroom 253 Remove and replace with a toilet that has a compliant seat height. The seat height of a water closet shall be 17" minimum and 19" maximum above the finish floor, measured to the top of the seat. Seats shall not be sprung to return to a lifted position. [EXCEPTIONS: 1. A water closet in a toilet room for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling units, the height of water closets shall be permitted to be 15" minimum and 19" maximum above the finish floor measured to the top of the seat.] [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	630
201313	Public Safety Building / INTERIOR	Restroom	The centerline of the wheelchair accessible toilet is not 16" minimum to 18" maximum from the side wall. Restroom 253 Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The water closet shall be located with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 inches minimum and 18 inches maximum from the side wall or partition.	3	630
201314	Public Safety Building / INTERIOR	Restroom	The flush control is located on the closed side and/or is not within reach range. Restroom 253 Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments.	3	313
201315	Public Safety Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Restroom 253 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	355
201316	Public Safety Building / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Restroom 253 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	710
201317	Public Safety Building / INTERIOR	Restroom	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Restroom 253 Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.	2	150

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201318	Public Safety Building / INTERIOR	Restroom	The hardware at the accessible door requires tight grasping, pinching or twisting of the wrist to operate Restroom 253 Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	293
201175	Public Safety Building / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Southwest Pedestrian Walkway Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	1664
201221	Public Safety Building / INTERIOR	Common Areas	The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Staff Lounge 139A Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor.	2	720
201222	Public Safety Building / INTERIOR	Common Areas	Controls throughout the common area are not compliant. Staff Lounge 139A Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	225
201223	Public Safety Building / INTERIOR	Common Areas	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. Staff Lounge 139A Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	150
201174	Public Safety Building / EXTERIOR	Exterior Access Route	WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stair 1 (ST1) Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.	3	281
201176	Public Safety Building / EXTERIOR	Exterior Access Route	WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stair 2 (ST2) Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.	3	633

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201294	Public Safety Building / INTERIOR	Common Areas	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
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	93600

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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	1000
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 leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	7500
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	1500

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
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 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
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	1614
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	1304
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	7700

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201350	Public Safety Building / INTERIOR	Interior Access Route	The ramp running slope exceeds 1:12 (8.33%). Training Room 116 Remove and replace areas of the ramp run to provide a ramp run with maximum slopes 1:12 (8.33%). The cross slope of ramp surfaces shall be no greater than 1:50 (2.0%). [EXCEPTION: Cross slopes not greater than 1:48 are permitted.] Ramp runs shall have a running slope not steeper than 1:12. [EXCEPTION: In existing sites, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. Maximum Ramp Slope and Rise for Existing Sites, Buildings, and Facilities: Slope-Steeper than 1:10 but not steeper than 1:8; Maximum Rise is 3"; Steeper than 1:12 but not steeper than 1:10; Maximum Rise is 6". A slope steeper than 1:8 is prohibited.]	1	13240
201351	Public Safety Building / INTERIOR	Common Areas	Assembly areas do not provide wheelchair spaces. Training Room 116 Wheelchair spaces shall be provided. A single wheelchair space is minimum 36" wide. Where two wheelchair spaces adjoin, the wheelchair spaces shall be minimum 33" wide. When approached from the front or rear, wheelchair spaces shall be minimum 48" deep. Wheelchair spaces approached from the side shall be minimum 60" deep. One side of the wheelchair space shall connect to, but be separate from, an accessible route and shall not overlap the circulation path. In row seating, at least one companion seat shall be provided adjacent to each required wheelchair space. Number of Wheelchair Spaces in Assembly Areas Number of Seats- Minimum Number of Required Wheelchair Spaces: 4 to 25 requires 1; 26 to 50 requires 2; 51 to 150 requires 4; 151 to 300 requires 5; 301 to 500 requires 6; 501 to 5000 requires 6, plus 1 for each 150, or fraction thereof, between 501 through 5000; 5001 and over requires 36, plus 1 for each 200, or fraction thereof, over 5000. Wheelchair spaces shall provide compliant lines of sight. In providing lines of sight, wheelchair spaces shall be dispersed. Wheelchair spaces shall provide spectators with choices of seating locations and viewing angles that are substantially equivalent to, or better than, the choices of seating locations and viewing angles available to all other spectators. When the number of wheelchair spaces required has been met, further dispersion shall not be required. Wheelchair spaces shall be dispersed horizontally. [EXCEPTIONS: 1. Horizontal dispersion shall not be required in assembly areas with 300 or fewer seats if the companion seats required and wheelchair spaces are located within the 2nd or 3rd quartile of the total row length. Intermediate aisles shall be included in determining the total row length. If the row length in the 2nd and 3rd quartile of a row is insufficient to accommodate the required number of companion seats and wheelchair spaces, the additional companion seats and wheelchair spaces shall be permitted to be located in the 1st and 4th quartile of the row. 2. In row seating, two wheelchair spaces shall be permitted to be located side-by-side.] Wheelchair spaces shall be dispersed vertically at varying distances from the screen, performance area, or playing field. In addition, wheelchair spaces shall be located in each balcony or mezzanine that is located on an accessible route. [EXCEPTIONS: 1. Vertical dispersion shall not be required in assembly areas with 300 or fewer seats if the wheelchair spaces provide viewing angles that are equivalent to, or better than, the average viewing angle provided in the facility.]	2	944
201352	Public Safety Building / INTERIOR	Common Areas	The assistive listening device is not compliant or is not provided. Training Room 116 Provide 3 assistive listening devices per the table at the bottom. Each assembly area required to provide assistive listening systems shall provide signs informing patrons of the availability of the assistive listening system. Assistive listening signs shall comply and shall include the International Symbol of Access for Hearing Loss. [EXCEPTION: Where ticket offices or windows are provided, signs shall not be required at each assembly area provided that signs are displayed at each ticket office or window informing patrons of the availability of assistive listening systems]. Receivers required for use with an assistive listening system shall include a 1/8" standard mono jack. Receivers required to be hearing-aid compatible shall interface with telecoils in hearing aids through the provision of neck loops. Neck loops and headsets that can be worn as neck loops are compatible with hearing aids. Receivers that are not compatible include earbuds, which may require removal of hearing aids, earphones, and headsets that must be worn over the ear, which can create disruptive interference in the transmission and can be uncomfortable for people wearing hearing aids. Assistive listening systems shall be capable of providing a sound pressure level of 110 dB minimum and 118 dB maximum with a dynamic range on the volume control of 50 dB. The signal-to-noise ratio for internally generated noise in assistive listening systems shall be 18 dB minimum. Peak clipping shall not exceed 18 dB of clipping relative to the peaks of speech. For 50 or less seating capacity, provide a minimum of 2 receivers, both of which shall be hearing-aid compatible. For 51 to 200 seating capacity, provide a minimum of 2 receivers, plus 1 per 25 seats over 50 seats, with a minimum two receivers which shall be hearing-aid compatible. For 201 to 500 seating capacity, provide a minimum of 2 receivers, plus 1 per 25 seats over 50 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 501 to 1000 seating capacity, provide a minimum of 20 receivers, plus 1 per 33 seats over 500 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 1001 to 2000 seating capacity, provide a minimum of 35 receivers, plus 1 per 50 seats over 1000 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible. For 2001 and over seating capacity, provide a minimum of 55 receivers, plus 1 per 100 seats over 2000 seats, with a minimum of one per every four receivers which shall be hearing-aid compatible.	2	3750

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201353	Public Safety Building / INTERIOR	Common Areas	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
201197	Public Safety Building / INTERIOR	Interior Access Route	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. Training Room Lobby 118 Install accessible drinking fountain(s) with a 30" wide clear floor space. No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	4	5439
201182	Public Safety Building / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Unisex Restroom 111 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201183	Public Safety Building / INTERIOR	Restroom	Pipes are not insulated. Unisex Restroom 111 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	65
201184	Public Safety Building / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Unisex Restroom 111 Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	200
201185	Public Safety Building / INTERIOR	Restroom	The height of controls are not compliant. Unisex Restroom 111 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	200
201186	Public Safety Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Unisex Restroom 111 Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	115
201187	Public Safety Building / INTERIOR	Restroom	The shelf is not located between 40" minimum and 48" maximum above finish floor. Unisex Restroom 111 Relocate a shelf to 40" minimum and 48" maximum above finish floor.	3	180
201188	Public Safety Building / INTERIOR	Restroom	The flush control is located on the closed side and/or is not within reach range. Unisex Restroom 111 Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments.	3	313

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201189	Public Safety Building / INTERIOR	Restroom	The height of the water closet is not 17" minimum to 19" maximum above finished floor. Unisex Restroom 111 Remove and replace with a toilet that has a compliant seat height. The seat height of a water closet shall be 17" minimum and 19" maximum above the finish floor, measured to the top of the seat. Seats shall not be sprung to return to a lifted position. [EXCEPTIONS: 1. A water closet in a toilet room for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling units, the height of water closets shall be permitted to be 15" minimum and 19" maximum above the finish floor measured to the top of the seat.] [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	630
201190	Public Safety Building / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Unisex Restroom 111 Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]	3	293
201191	Public Safety Building / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Unisex Restroom 111 Install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	710
201192	Public Safety Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Unisex Restroom 111 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	355
201229	Public Safety Building / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Vestibule 189 Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	728

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201217	Public Safety Building / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Waiting 129 Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	1804
201307	Public Safety Building / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Waiting Room 230 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
201255	Public Safety Building / INTERIOR	Restroom	The flush control is located on the closed side and/or is not within reach range. Women's Lockers 163 Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments.	3	313
201256	Public Safety Building / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Women's Lockers 163 Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]	3	293
201215	Public Safety Building / INTERIOR	Restroom	The force required to open the interior, hinged, non-fire door is more than 5 pounds. Women's Restroom 121 Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.	3	366
201216	Public Safety Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Women's Restroom 121 Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	200

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201257	Public Safety Building / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Women's Restroom 167, 168, 169, 171, 172, 173 Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	55
201258	Public Safety Building / INTERIOR	Restroom	Pipes are not insulated. Women's Restroom 167, 168, 169, 171, 172, 173 Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	130
201259	Public Safety Building / INTERIOR	Restroom	The height of controls are not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 202826. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	600
201260	Public Safety Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	200
201261	Public Safety Building / INTERIOR	Restroom	The wheelchair stall door is not self closing. Women's Restroom 167, 168, 169, 171, 172, 173 Remove hinge hardware and replace with hardware which provides self-closing of the door.	3	293

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201262	Public Safety Building / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	293
201263	Public Safety Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Women's Restroom 167, 168, 169, 171, 172, 173 Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	115
201264	Public Safety Building / INTERIOR	Restroom	The flush control is located on the closed side and/or is not within reach range. Women's Restroom 167, 168, 169, 171, 172, 173 Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments.	3	313
201265	Public Safety Building / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	710
201266	Public Safety Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom 167, 168, 169, 171, 172, 173 Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	355

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201267	Public Safety Building / INTERIOR	Restroom	The height of controls are not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	500
201269	Public Safety Building / INTERIOR	Restroom	The locker area does not have a compliant bench. Women's Restroom 167, 168, 169, 171, 172, 173 Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.	3	600
202826	Public Safety Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Women's Restroom 167, 168, 169, 171, 172, 173 Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 201259. The cost of this barrier removal is covered under ID 201259 and therefore, the cost of this ID is shown as $0. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	0
201301	Public Safety Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Women's Restroom 258 Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	200
201302	Public Safety Building / INTERIOR	Restroom	The height of controls are not compliant. Women's Restroom 258 Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	500
201284	Public Safety Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Women's Restroom 285 Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	200

PHASE TWO BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201285	Public Safety Building / INTERIOR	Restroom	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Women's Restroom 285 Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	630
201286	Public Safety Building / INTERIOR	Restroom	The wheelchair stall door is not self closing. Women's Restroom 285 Remove hinge hardware and replace with hardware which provides self-closing of the door.	3	293
201193	Public Safety Building / INTERIOR	Kitchen	The accessible sink is not installed with the front of the higher of the rim or counter surface 34" maximum above finished floor. Work Room 107 Reconfigure the sink so that the accessible sink is installed with the front of the higher of the rim or counter surface 34" maximum above finished floor.	2	720
201194	Public Safety Building / INTERIOR	Kitchen	Controls throughout the common area are not compliant. Work Room 107 Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	225
PHASE TWO TOTAL					**$ 548,530**

THREE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202152	Building 11 Decant Facility / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Office Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	500
202154	Building 11 Decant Facility / INTERIOR	Entrance to Building	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Office Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	1	366
204007	Building 11 Decant Facility / INTERIOR	Interior Access Route	The push side of the accessible door does not have the required maneuvering clearances. Office Relocate the fixtures to provide the required maneuvering clearance on the push side the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	250
202151	Building 11 Decant Facility / EXTERIOR	Entrance to Building	The pull side of the accessible door does not have the required maneuvering clearances. Office Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	2500
202147	Building 11 Decant Facility / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Office Exterior Route Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	800
202156	Building 11 Decant Facility / INTERIOR	Restroom	The lavatory faucet hardware is not compliant. Office Laundry Room Provide push/lever hardware for the faucet. Replace faucet operating hardware with compliant handles. Operable parts, such as faucet hardware, shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. Hand-operated metering faucets shall remain open for 10 seconds minimum. Provide a minimum of one accessible sink with push/lever hardware.	3	555
202157	Building 11 Decant Facility / INTERIOR	Common Areas	The washing machine controls are not within reach range. Office Laundry Room Replace the washing machine with a unit that has controls within an obstructed high reach range. If three or fewer washers are present, at least one washer shall be compliant. If more than three are present, at least two washers shall be compliant. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20" , the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the washer or dryer shall be 36" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	2	800
202158	Building 11 Decant Facility / INTERIOR	Interior Access Route	At least one each of shelves, clothes rod, drawer, hook, closets or cabinets are not within reach range. Office Laundry Room Provide a minimum of one of each item within reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	115
202159	Building 11 Decant Facility / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. Office Laundry Room Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	200

THREE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202161	Building 11 Decant Facility / INTERIOR	Entrance to Building	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Office Laundry Room Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	1	366
203073	Building 11 Decant Facility / INTERIOR	Common Areas	The dryer controls are not within reach range. Office Laundry Room Replace the dryer with a unit that has controls within an obstructed high reach range. If three or fewer dryers are present, at least one dryer shall be compliant. If more than three are present, at least two dryers shall be compliant. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20" , the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the washer or dryer shall be 36" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	2	800
204006	Building 11 Decant Facility / INTERIOR	Interior Access Route	The push side of the accessible door does not have the required maneuvering clearances. Office Laundry Room Relocate the shelving to provide the required maneuvering clearance on the push side the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	250
202148	Building 11 Decant Facility / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking lot P1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	1400
202149	Building 11 Decant Facility / EXTERIOR	Accessible Parking	The parking space slope is greater than 1:50 (2%). Parking lot P1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	6300
202150	Building 11 Decant Facility / EXTERIOR	Accessible Parking	The access aisle slope is greater than 1:50 (2%). Parking lot P1 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	5000
201059	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	A compliant accessible route is not provided from the property line to the site facilities. Access from public sidewalk to P1 Provide an accessible route from accessible parking spaces, passenger loading zones, public streets, public sidewalks, and public transportation stops. At least one accessible route shall be provided within the site from accessible parking spaces and accessible passenger loading zones; public streets and sidewalks; and public transportation stops to the accessible building or facility entrance they serve. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	991
201050	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Access Route From P1 to Main Entrance Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	3567
201082	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Administration Office Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	676
201084	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Administration Office Exterior Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.	1	366

THREE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201061	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The maneuvering clearance at the accessible door is not level and clear. Building 1 Main Entrance Door Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
202484	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Building 1 Main Entrance Door Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	1	366
202485	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Building 1 Main Entrance Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.	1	366
201058	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	A curb ramp is not provided where the accessible route crosses a curb. Curb Ramp CR1 Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted.	1	1750
201089	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: The clear width of the exterior accessible route is less than 44". East Elevation - Route Adjacent to Administration Exterior Door Provide an exterior accessible route with minimum clear width of 44". An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	554
201088	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: The clear width of the exterior accessible route is less than 44". East Elevation - Route from RP1 to offices Exterior Doors Provide an exterior accessible route with minimum clear width of 44". An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	0
201104	Building 1-Public Works MOC / INTERIOR	Kitchen	The kitchen sink does not have knee and toe clearance. Employees Break-Room Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximumunder 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 permit ted 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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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 rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum.[EXCEPTIONS:1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]	5	7181
201135	Building 1-Public Works MOC / INTERIOR	Restroom	The door has less than 32" clear width. Men's Restroom Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]	5	1124
201136	Building 1-Public Works MOC / INTERIOR	Restroom	The required clearance at the entry to the transfer stall is not provided. Men's Restroom Reconfigure so shower has required clear floor space. Transfer type shower compartments shall be 36" by 36" clear inside dimensions measured at the center points of opposing sides and shall have a 36" wide minimum entry on the face of the shower compartment. Clearance of 36" wide minimum by 48" long minimum measured from the control wall shall be provided.	5	3000
201137	Building 1-Public Works MOC / INTERIOR	Locker and Dressing Rooms	The locker room does not have a compliant bench. Men's Restroom Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum by 48" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench shall provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.	3	789

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

THREE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201094	Building 1-Public Works MOC / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking lot P3 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	1400
201075	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the ramp are not compliant. Ramp RP1 The ramp should be removed and replaced with a compliant ramp. Ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a ramp run shall be 44".	1	13240
201076	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant. Ramp RP1 Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	6520
201090	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: The slopes of the ramp are not compliant. Ramp RP2 The ramp should be removed and replaced with a compliant ramp. Ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a ramp run shall be 44".	1	13240
201091	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant. Ramp RP2 Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	7172
201100	Building 1-Public Works MOC / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Reception Area Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	500
201098	Building 1-Public Works MOC / INTERIOR	Employee Work Areas	The service counter does not have 36" wide section that is 36" maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 30" wide section that is 36" maximum, with knee and toe clearance, that is oriented for a forward approach. Reception/Front Desk Provide a compliant section of the counter maximum 36" height with either a compliant parallel or a compliant forward approach to the counter. For a parallel approach, a portion of service counter must be 36" minimum wide and 36" maximum above finished floor. Clear space of minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a parallel approach, with the 48" dimension centered on the compliant portion of the counter. For a forward approach, a portion of service counter must be 30" wide and 36" high maximum. Knee and toe clearance shall be provided for a forward approach. Clear floor space minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a forward approach with the 30" dimension centered on the 30" width of the compliant counter section. Clear space at the counter shall be maximum 2.08% in all directions and a firm and stable surface.	2	1804

THREE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201142	Building 1-Public Works MOC / INTERIOR	Employee Work Areas	The height of controls throughout the common area are not compliant. Shop Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	500
201148	Building 1-Public Works MOC / INTERIOR	Kitchen	The kitchen sink does not have knee and toe clearance. Shop Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximumunder 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 permit ted 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 ½" in height. South Elevation Shop Exterior Door Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	1	179
201096	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". South Elevation-Shop Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	676
201097	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The pull side of the accessible door does not have the required maneuvering clearances. South Elevation-Shop Exterior Door Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
201067	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	Steps do not have uniform and compliant riser heights and/or tread depths. Stairs ST1 Replace the stairway. All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum.	1	918

THREE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201068	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	Handrails are not compliant. Stairs ST1 Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	1956
201069	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stairs ST2 Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.	3	140
201070	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	Handrails are not compliant. Stairs ST2 Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	1956
201071	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	Stairs have open risers. Stairs ST2 Replace with compliant stairs that have closed risers. Open risers are not permitted.	1	3360
201072	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stairs ST3 Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.	3	140
201073	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	Handrails are not compliant. Stairs ST3 Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	1956
201074	Building 1-Public Works MOC / EXTERIOR	Exterior Access Route	Stairs have open risers. Stairs ST3 Replace with compliant stairs that have closed risers. Open risers are not permitted.	1	3360

THREE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201141	Building 1-Public Works MOC / INTERIOR	Interior Access Route	Handrails are not compliant. Stairs ST4-Shop Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.	5	1956
201145	Building 1-Public Works MOC / INTERIOR	Interior Access Route	Handrails are not compliant. Stairs ST5- Shop Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.	5	4890
201146	Building 1-Public Works MOC / INTERIOR	Interior Access Route	Stairs have open risers. Stairs ST5- Shop Replace with compliant stairs that have closed risers. Open risers are not permitted.	5	8400
201143	Building 1-Public Works MOC / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Throughout building Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	2184
201108	Building 1-Public Works MOC / INTERIOR	Interior Access Route	The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Throughout building Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped.Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.]	2	690
201099	Building 1-Public Works MOC / INTERIOR	Interior Access Route	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Throughout building Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	6446
201101	Building 1-Public Works MOC / INTERIOR	Employee Work Areas	The work surface is not compliant. Throughout building Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground.	2	2061

THREE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201102	Building 1-Public Works MOC / INTERIOR	Employee Work Areas	The height of controls throughout the common area are not compliant. Throughout building Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	1000
201103	Building 1-Public Works MOC / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Throughout building Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	460
201087	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Waste Water Office Exterior Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.	1	366
201077	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Waste Water Office Exterior Door Modify or replace the door to provide a surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side that is smooth. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped,]	2	115
201078	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Waste Water Office Exterior Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	676
201079	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Water Office Exterior Door Modify or replace the door to provide a surface of the door within 10 inches of the finish floor or ground for the full width of the door on the push side that is smooth. Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped,]	2	400
201086	Building 1-Public Works MOC / EXTERIOR	Entrance to Building	The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority. Water Office Exterior Door Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.	1	366
201110	Building 1-Public Works MOC / INTERIOR	Kitchen	The kitchen sink does not have knee and toe clearance. Water Quality Lab Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximumunder 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 permit ted 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	WASHINGTON: The transfer shower stall is not compliant. Women's Restroom Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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
201122	Building 1-Public Works MOC / INTERIOR	Restroom	A transfer seat is provided but is not compliant. 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.	5	0
201123	Building 1-Public Works MOC / INTERIOR	Restroom	The provided signage does not have raised or indented characters or pictograph symbols. Women's Restroom 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.	3	55
201138	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. 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
202486	Building 1-Public Works MOC / INTERIOR	Restroom	The locker area does not have a compliant bench. Women'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
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	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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	55
201680	Building 3-Facilities Workgroup Modular / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Men's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	355
201681	Building 3-Facilities Workgroup Modular / INTERIOR	Restroom	The side grab bar at the water closet is not compliant. Men's Restroom Remove and install a compliant side grab bar. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	355
201682	Building 3-Facilities Workgroup Modular / INTERIOR	Restroom	The wheelchair stall door is not self closing. Men's Restroom Remove hinge hardware and replace with hardware which provides self-closing of the door.	3	293

THREE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201683	Building 3-Facilities Workgroup Modular / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Men's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	115
201684	Building 3-Facilities Workgroup Modular / INTERIOR	Restroom	Pipes are not insulated. Men's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	65
201685	Building 3-Facilities Workgroup Modular / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Men's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	200
201686	Building 3-Facilities Workgroup Modular / INTERIOR	Restroom	The height of controls are not compliant. Men's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	200
201662	Building 3-Facilities Workgroup Modular / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot P1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	1400
201661	Building 3-Facilities Workgroup Modular / EXTERIOR	Exterior Access Route	WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant. Ramp R-1 Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	6194
201665	Building 3-Facilities Workgroup Modular / EXTERIOR	Exterior Access Route	The accessible route has gaps in the surface greater than 1/2" wide. Ramp R-1 Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.	1	99
201663	Building 3-Facilities Workgroup Modular / EXTERIOR	Exterior Access Route	WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stair ST1 Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.	3	105

THREE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201664	Building 3-Facilities Workgroup Modular / EXTERIOR	Exterior Access Route	Handrails are not compliant. Stairs ST1 Handrails: Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the 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	1630
201668	Building 3-Facilities Workgroup Modular / INTERIOR	Employee Work Areas	Clear space is not provided at the control or operating mechanism. Thermostat control Provide compliant clear floor space at each control and operating mechanism that allows a forward or a parallel approach. The clear floor or ground space shall be 30" minimum by 48" minimum. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. For a forward approach, alcoves shall be 36" wide minimum where the depth exceeds 24". For a parallel approach, alcoves shall be 60" wide minimum where the depth exceeds 15". Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.]	1	0
201669	Building 3-Facilities Workgroup Modular / INTERIOR	Employee Work Areas	The height of controls throughout the common area are not compliant. Thermostat control Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	500
201670	Building 3-Facilities Workgroup Modular / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. Women's Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.	3	55
201671	Building 3-Facilities Workgroup Modular / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	355
201672	Building 3-Facilities Workgroup Modular / INTERIOR	Restroom	The flush control is located on the closed side and/or is not within reach range. Women's Restroom Remove and install a flush control that is on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments.	3	313
201673	Building 3-Facilities Workgroup Modular / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Women's Restroom Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	200
201674	Building 3-Facilities Workgroup Modular / INTERIOR	Restroom	Pipes are not insulated. Women's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	65

THREE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201675	Building 3-Facilities Workgroup Modular / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Women's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]	3	293
201676	Building 3-Facilities Workgroup Modular / INTERIOR	Restroom	WASHINGTON: The paper towel dispenser or dryer location is not compliant. Women's Restroom Relocate the paper towel dispenser. Towel dispensers or dryer controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" maximum = Reach height 48" maximum; Reach depth 2" maximum =Reach height 46" maximum; Reach depth 5" maximum = Reach height 42" maximum; Reach depth 6" maximum = Reach height 40" maximum; Reach depth 9" maximum = Reach height 36" maximum; Reach depth 11" maximum = Reach height 34" maximum [deeper reach than 11" is not allowed].	3	200
201677	Building 3-Facilities Workgroup Modular / INTERIOR	Restroom	The water closet in a single user / unisex restroom does not have the required clearance. Women's Restroom Relocate closet to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	200
201678	Building 3-Facilities Workgroup Modular / INTERIOR	Restroom	The side grab bar at the water closet is not compliant. Women's Restroom Remove and install a compliant side grab bar. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	355
206467	Building 5 Central Stores Warehouse / EXTERIOR	Exterior Access Route	Clear space is not provided at the operable part. Adjacent to Door D-1 Provide clear space at the operable part. Floor or ground surfaces of a clear floor or ground space shall have slopes not steeper than 1:48, and shall be stable, firm, and slip resistant. Clear space shall be 30" minimum by 48" minimum, positioned for a forward or parallel approach. One full unobstructed side shall adjoin an accessible route or adjoin another clear floor or ground space. Clear floor or ground space shall include knee and toe clearance.	3	215
206468	Building 5 Central Stores Warehouse / EXTERIOR	Exterior Access Route	Clear space is not provided at the operable part. Adjacent to Door D-2 Provide clear space at the operable part. Floor or ground surfaces of a clear floor or ground space shall have slopes not steeper than 1:48, and shall be stable, firm, and slip resistant. Clear space shall be 30" minimum by 48" minimum, positioned for a forward or parallel approach. One full unobstructed side shall adjoin an accessible route or adjoin another clear floor or ground space. Clear floor or ground space shall include knee and toe clearance.	3	215
206035	Building 5 Central Stores Warehouse / EXTERIOR	Entrance to Building	Accessible entries are not identified with the International Symbol of Accessibility, where not all entrances are accessible. Door D-1 Install compliant signage at accessible entries, where not all entrances are accessible. The signage shall include the International Symbol of Accessibility,	1	120
201642	Building 5 Central Stores Warehouse / EXTERIOR	Entrance to Building	The push side of the accessible door does not have the required maneuvering clearances. Door D-1 Redesign to provide the required maneuvering clearance at the push side of the door. This barrier must be removed in conjunction with barrier ID 206040. The cost of this barrier removal is covered under ID 206040 and therefore, the cost of this ID is shown as $0. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 0" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	0
201643	Building 5 Central Stores Warehouse / EXTERIOR	Entrance to Building	The push side of the accessible door does not have the required maneuvering clearances. Door D-2 Redesign to provide the required maneuvering clearance at the push side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 0" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
206477	Building 5 Central Stores Warehouse / EXTERIOR	Signage	Signage directing pedestrians to the nearest accessible building entrance on an accessible route is not present. Door D-2 Where not all entrances comply, compliant entrances shall be identified by the compliant International Symbol of Accessibility. Compliant directional signs that indicate the location of the nearest compliant entrance complying shall be provided at entrances that do not comply.	4	280
201660	Building 5 Central Stores Warehouse / EXTERIOR	Entrance to Building	The pull side of the accessible door does not have the required maneuvering clearances. Door D-3 Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch/hinge side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or hinge side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250
206018	Building 5 Central Stores Warehouse / EXTERIOR	Entrance to Building	The threshold at the accessible door is greater than 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

THREE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
206036	Building 5 Central Stores Warehouse / INTERIOR	Interior Access Route	Elements located from 27" to 80" high protrude more than 4" into the accessible route. Near Stair ST-2 Objects with leading edges more than 27 inches and not more than 80 inches above the floor shall protrude 4 inches maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2 inches maximum.] overhang 4 inches maximum where more than 27 inches and not more than 80 inches above the floor. Objects on multiple posts or pylons where the clear distance between the posts or pylons is greater than 12 inches shall have the lowest edge of such object either 27 inches maximum or 80 inches minimum above the floor. [EXCEPTION: Sloping portions of handrails between the top and bottom riser of stairs and above the ramp run shall not be required to comply.] Vertical clearance shall be 80 inches minimum. Rails or other barriers shall be provided where the vertical clearance is less than 80 inches. The leading edge of such rails or barrier shall be located 27 inches maximum above the floor. [EXCEPTION: Door closers and door stops shall be permitted to be 78 inches minimum above the floor.] Protruding objects shall not reduce the clear width required for accessible routes.	2	728
201645	Building 5 Central Stores Warehouse / INTERIOR	Interior Access Route	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Office Door Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	1	293
201646	Building 5 Central Stores Warehouse / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. On Route from Main Entrance to Restroom Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	728
201647	Building 5 Central Stores Warehouse / INTERIOR	Interior Access Route	Elements located from 27" to 80" high protrude more than 4" into the accessible route. On Route from Main Entrance to Restroom Objects with leading edges more than 27 inches and not more than 80 inches above the floor shall protrude 4inches maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2 inches maximum.] overhang 4 inches maximum where more than 27 inches and not more than 80 inches above the floor. Objects on multiple posts or pylons where the clear distance between the posts or pylons is greater than 12 inches shall have the lowest edge of such object either 27 inches maximum or 80 inches minimum above the floor. [EXCEPTION: Sloping portions of handrails between the top and bottom riser of stairs and above the ramp run shall not be required to comply.] Vertical clearance shall be 80 inches minimum. Rails or other barriers shall be provided where the vertical clearance is less than 80 inches. The leading edge of such rails or barrier shall be located 27 inches maximum above the floor. [EXCEPTION: Door closers and door stops shall be permitted to be 78 inches minimum above the floor.] Protruding objects shall not reduce the clear width required for accessible routes.	2	728
206020	Building 5 Central Stores Warehouse / INTERIOR	Interior Access Route	Items requiring an unobstructed side reach motion are higher than 48" maximum and/or lower than 15" minimum height above finish floor. On Route from Main Entrance to Restroom Remove and lower to a compliant reach range. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	250
201640	Building 5 Central Stores Warehouse / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided and the slope and/or ground surface is/are not compliant. Parking Lot 1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Parking spaces and access aisles shall be at the same level as the parking spaces they serve. Changes in vertical level are not permitted. Van parking stalls and access aisles shall have 98" minimum vertical clearance. Parking spaces and associated access aisles shall be designed so that cars and vans, when parked, cannot obstruct the required clear width of adjacent accessible routes. Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	11860
206040	Building 5 Central Stores Warehouse / EXTERIOR	Exterior Access Route	The ramp is required but not provided. Ramp R-1 Provide a compliant ramp or reduce the walking surface to maximum 1:20 (5%) running slope. This barrier must be removed in conjunction with barrier ID 201642. The cost estimate for this barrier removal is based on providing a ramp, rather than grading the running slope to maximum 1:20 (5%). Ramp runs shall have a running slope not steeper than 1:12, and a cross slope not steeper than 1:48. [EXCEPTION: In existing sites built pre-1/26/92, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations.Where slopes are steeper than 1:10 but not steeper than 1:8, the rise shall be 3" maximum. Where slopes are steeper than 1:12 but not steeper than 1:10, the rise shall be 6" maximum.] The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" minimum. The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" minimum. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] Ramp runs shall have maximum 30" rise. Ramp landings shall be located at the top and bottom of ramp runs, and at turns of ramp direction. Landings shall be 1:48 maximum slope in any direction. Landings shall be minimum 60" length, and as wide as the ramp run, except ramp landings at turns which shall be minimum 60" x 60" minimum. All ramp runs with a rise of 6" or greater shall have handrails on each side of the ramp. Handrails shall be compliant. The top of the handrail gripping surface shall be 34" minimum to 38" maximum vertically above the ramp surface. Provide edge protection on the sides of each ramp run which rises more than 6" and on ramp landings. Compliant edge protection shall be provided on each side of ramp runs and at each side of ramp landings. Compliant edge protection is EITHER a curb or barrier that prevents the passage of a 4" diameter sphere where the sphere is within 4" of the ramp surface OR an extension of the ramp surface 12" minimum beyond the inner face of the rail. [EXCEPTIONS: 1. Edge protection shall not be required on ramps that are not required to have handrails and have sides. 2. Edge protection shall not be required on the sides of ramp landings serving an adjoining ramp run or stairway. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of 1/2" maximum within 10" horizontally of the minimum required landing area.] Ramps and their approaches shall be designed so that water will not accumulate on walking surfaces.	1	11916

THREE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
206041	Building 5 Central Stores Warehouse / EXTERIOR	Exterior Access Route	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 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.]	1	3260
201648	Building 5 Central Stores Warehouse / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. 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 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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
201657	Building 5 Central Stores Warehouse / INTERIOR	Restroom	The entire restroom is not compliant due to limited room dimensions. 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

THREE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201658	Building 5 Central Stores Warehouse / INTERIOR	Interior Access Route	Handrails are not compliant. Stair ST-1 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.]	1	6520
201659	Building 5 Central Stores Warehouse / INTERIOR	Interior Access Route	Handrails are not compliant. Stair ST-2 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.]	1	6520
206469	Building 5 Central Stores Warehouse / 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-3 Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.	3	70
206470	Building 5 Central Stores Warehouse / EXTERIOR	Exterior Access Route	Steps do not have uniform and compliant riser heights and/or tread depths. Stairs ST-3 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	382
206471	Building 5 Central Stores Warehouse / EXTERIOR	Exterior Access Route	Handrails are not compliant or are not provided. Stairs ST-3 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.]	1	1956
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

THREE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202197	Building 8 Parks MOC / INTERIOR	Common Areas	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low. 1st Floor Corridor Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	4	5439
202200	Building 8 Parks MOC / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. 2nd Floor Corridor Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	500
202215	Building 8 Parks MOC / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. 2nd Floor Corridor Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	728
202217	Building 8 Parks MOC / INTERIOR	Employee Work Areas	The work surface is not compliant. 2nd Floor Files Room Provide a compliant work surface. Examples of work surfaces include writing surfaces or surfaces for other work, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and work stations. A clear floor space positioned for a forward approach shall be provided. Knee and toe clearance shall be provided. The tops of work surfaces shall be 28" minimum and 34" maximum above the finish floor or ground. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided, except that knee clearance 24" minimum above the finish floor or ground shall be permitted. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. The tops of tables and counters shall be 28" minimum and 34" maximum above the finish floor or ground.	2	1030
202201	Building 8 Parks MOC / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. 2nd Floor Office Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	500
202216	Building 8 Parks MOC / INTERIOR	Employee Work Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. 2nd Floor Service Counter Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	9624

THREE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202203	Building 8 Parks MOC / INTERIOR	Restroom	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille. 2nd Floor Unisex Restroom Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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 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	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 ½" in height. Southwest Entrance 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 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	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Southwest Stair - Level 1 Elevator & Stair Lobby Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	1	728
202233	Municipal Campus Parking Garage / EXTERIOR	Exterior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the accessible route. Southwest Stair- Level 4 Elevator & Stair Access Install cane detectors or lower the object so that the base of the object is maximum 27" above finish floor. Objects with leading edges more than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4 -1/2" maximum.]	1	728
PHASE THREE TOTAL					**$ 415,829**

PHASE FOUR BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
204143	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	The platform lift is not compliant. 1st & 2nd Floor Offices East of Apparatus Bay Install a compliant platform lift. Provide a platform lift which does not require keyed operation. Platform lifts shall not be attendant-operated. Platform lifts shall provide unassisted entry and exit from the lift. Floor surfaces in platform lifts shall be firm, stable and slip resistant. Clear floor space in platform lifts shall be minimum 30" by minimum 48". Controls for platform lifts shall be within allowable reach ranges, and shall be operable without tight grasping, pinching, or twisting of the wrist. The force required to operate the controls shall not be greater than 5 lbs of force. Platform lifts shall have low-energy power-operated doors or gates. Doors shall remain open for 20 seconds minimum. End doors and gates shall provide a clear width 32" minimum. Side doors and gates shall provide a clear width 42" minimum. [EXCEPTION: Platform lifts serving two landings maximum and having doors or gates on opposite sides shall be permitted to have self-closing manual doors or gates.] If platforms are used, they shall conform with the applicable safety regulations of administrative authorizes having jurisdiction. Platform lifts shall comply with ASME A18.1 (1999 edition or 2003 edition). Platform lifts shall be permitted as a component of an accessible route in an existing building. Platform lifts can be part of the accessible means of egress where standby power is provided, and in the following situations: 1. An accessible route to a performing area and speakers' platforms in occupancies in Group A; 2. An accessible route to wheelchair spaces required to comply with the wheelchair space dispersion requirements; 3. An accessible route to spaces that are not open to the general public with an occupant load of not more than five; 4. An accessible route within a dwelling or sleeping unit; 5. An accessible route to wheelchair seating spaces located in outdoor dining terraces in A-5 occupancies where the means of egress from the dining terraces to a public way are open to the outdoors. 6. An accessible route to raised judges' benches, clerks' stations, jury boxes, witness stands and other raised or depressed areas in a court; 7. An accessible route where existing exterior site constraints make use of a ramp or elevator infeasible.	5	22525
204137	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	5	400
204138	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	5	1260
204139	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	5	710
204140	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The water closet in a wheelchair stall in a multi-stall restroom does not have the required clearance. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Relocate the dispenser to provide the required clearance at the water closet. This barrier must be removed in conjunction with barrier ID 204141 & 204142. The cost of this barrier removal is covered under ID 204142 and therefore, the cost of this ID is shown as $0. The water closet shall be positioned with a wall or partition to the rear and to one side. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required water closet clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. The wheelchair stall size for a floor mounted water closet shall be minimum 60" wide and minimum 59" deep. The wheelchair stall size for a wall-hung water closet shall be minimum 60" wide and minimum 56" deep. The wheelchair stall in multi-stall restrooms primarily for children's use ages 3 to 12 shall be minimum 60" wide and minimum 59" deep for both wall-hung and floor mounted water closets. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	5	0
204141	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The height of controls are not compliant. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 204140 & 204142. The cost of this barrier removal is covered under ID 204142 and therefore, the cost of this ID is shown as $0.Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	0
204142	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	Controls on dispensers are not compliant. 1st & 2nd Floor Unisex Restrooms East of Apparatus Bay Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 204141 & 204140. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	400
204083	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	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 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.]	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 maximumunder 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 permit ted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.	5	720
204073	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	Controls throughout the common area are not compliant. Break Room (Admin Area) Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	225
204086	Fire Station 11 and Old Medic One Building / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. Conference Room Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	2000
204089	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route. Conference Room Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]	5	1456
204149	Fire Station 11 and Old Medic One Building / EXTERIOR	Exterior Access Route	A compliant parallel curb ramp is not provided. Curb Ramp 1 (CR1) Replace the standard curb ramp with a parallel curb ramp. This barrier must be removed in conjunction with barrier ID 204150. The bottom landing clear width at the bottom of the curb ramp runs shall be 60" minimum to allow for a 90 degree turn. The top landings shall be minimum 36" deep in the direction of travel. The slope of the landings, where the landing connects to a sidewalk aligned perpendicular or angled to the curb ramp run requiring a wheelchair turn, shall be maximum 1:48 (2.08%).The slope of the landing shall be maximum 1:48 (2.08%). The curb ramp should be removed and replaced with a compliant ramp with no greater than the maximum allowable slopes of a ramp. Ramp runs shall have a running slope not steeper than 1:12 (8.33%). Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 (8.33%) maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. In facilities built before 1/26/92, the running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] .	1	1750
204150	Fire Station 11 and Old Medic One Building / EXTERIOR	Exterior Access Route	The accessible route has gaps in the surface greater than 1/2" wide. Curb Ramp 1 (CR1) Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. This barrier must be removed in conjunction with barrier ID 204149. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.	1	179

PHASE FOUR BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
204224	Fire Station 11 and Old Medic One Building / INTERIOR	Transient Lodging	The required number of guest rooms with communication features is not provided. Dorms Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition).	5	2000
204117	Fire Station 11 and Old Medic One Building / INTERIOR	Transient Lodging	The required number of guest rooms with mobility features is not provided. Dorms Install mobility features in guest rooms. Provide guest rooms with compliant accessible routes, restrooms, operable parts, shelving and clear space at the bed. Provide a turning space within the room.	5	12000
204145	Fire Station 11 and Old Medic One Building / EXTERIOR	Entrance to Building	The maneuvering clearance at the accessible door is not level and clear. East Entrance Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	5	1250
204055	Fire Station 11 and Old Medic One Building / INTERIOR	Interior Access Route	Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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, 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 maximumunder 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 permit ted 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

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Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
204104	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The lavatory does not have the required knee clearance. Men's Restroom (Dorm Area) Modify the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger.6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum. Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15".	5	720
204105	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 (Dorm Area) Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	5	200
204106	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The height of controls are not compliant. Men's Restroom (Dorm Area) Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 204107. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	200
204107	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Men's Restroom (Dorm Area) Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 204106. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	200
204108	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 (Dorm Area) Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	5	630
204109	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Men's Restroom (Dorm Area) Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	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 rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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	The ramp is required but not provided. Old Medic One Building Provide a compliant ramp or reduce the walking surface to maximum 1:20 (5%) running slope. This barrier must be removed in conjunction with barrier ID 204228. The cost estimate for this barrier removal is based on providing a ramp, rather than grading the running slope to maximum 1:20 (5%). Ramp runs shall have a running slope not steeper than 1:12, and a cross slope not steeper than 1:48. [EXCEPTION: In existing sites built pre-1/26/92, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations.Where slopes are steeper than 1:10 but not steeper than 1:8, the rise shall be 3" maximum. Where slopes are steeper than 1:12 but not steeper than 1:10, the rise shall be 6" maximum.] The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 44" minimum. The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 44" minimum. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] Ramp runs shall have maximum 30" rise. Ramp landings shall be located at the top and bottom of ramp runs, and at turns of ramp direction. Landings shall be 1:48 maximum slope in any direction. Landings shall be minimum 60" length, and as wide as the ramp run, except ramp landings at turns which shall be minimum 60" x 60" minimum. All ramp runs with a rise of 6" or greater shall have handrails on each side of the ramp. Handrails shall be compliant. The top of the handrail gripping surface shall be 34" minimum to 38" maximum vertically above the ramp surface. Provide edge protection on the sides of each ramp run which rises more than 6" and on ramp landings. Compliant edge protection shall be provided on each side of ramp runs and at each side of ramp landings. Compliant edge protection is EITHER a curb or barrier that prevents the passage of a 4" diameter sphere where the sphere is within 4" of the ramp surface OR an extension of the ramp surface 12" minimum beyond the inner face of the rail. [EXCEPTIONS: 1. Edge protection shall not be required on ramps that are not required to have handrails and have sides. 2. Edge protection shall not be required on the sides of ramp landings serving an adjoining ramp run or stairway. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of 1/2" maximum within 10" horizontally of the minimum required landing area.] Ramps and their approaches shall be designed so that water will not accumulate on walking surfaces.	5	16550
204157	Fire Station 11 and Old Medic One Building / EXTERIOR	Entrance to Building	The pull side of the accessible door does not have the required maneuvering clearances. Old Medic One Building Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	5	1250
204158	Fire Station 11 and Old Medic One Building / INTERIOR	Kitchen	The kitchen sink does not have knee and toe clearance. Old Medic One Building Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximumunder 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 permit ted 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
204159	Fire Station 11 and Old Medic One Building / INTERIOR	Kitchen	The location of the controls requires reaching across burners. Old Medic One Building Replace the stove or oven with a unit that does not require reaching across burners to access the controls. The location of controls shall not require reaching across burners.	5	759
204160	Fire Station 11 and Old Medic One Building / INTERIOR	Kitchen	Controls and/or dispensers are not within an allowable reach range. Old Medic One Building Provide redundant controls and an additional microwave so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	1598
204161	Fire Station 11 and Old Medic One Building / INTERIOR	Kitchen	Controls and/or dispensers are not within an allowable reach range. Old Medic One Building Relocate the dispenser so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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	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 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.]	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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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 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.]	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	WASHINGTON: The transfer shower stall is not compliant. Women'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 rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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
204125	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. Women'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
204126	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The wheelchair stall door is not self closing. Women's Restroom (Dorm Area) Remove hinge hardware and replace with hardware which provides self-closing of the door.	5	293
204127	Fire Station 11 and Old Medic One Building / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Women's Restroom (Dorm Area) Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	5	710
204128	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 (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
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	26040
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

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 ½" in height. Fire Station - 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	1079
202294	Fire Station 16 and Shop Building / EXTERIOR	Entrance to Building	The threshold at the accessible door is greater than ½" in height. Fire Station - 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
202261	Fire Station 16 and Shop Building / EXTERIOR	Exterior Access Route	The accessible route has gaps in the surface greater than 1/2" wide. Fire Station - Public Entrance Walkway Re-seal the construction joints in order to maintain a smooth accessible pedestrian route. Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.	1	2576
202260	Fire Station 16 and Shop Building / EXTERIOR	Entrance to Building	The pull side of the accessible door does not have the required maneuvering clearances. Fire Station - South Employee Entrance Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 54" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	1250

PHASE FOUR BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202290	Fire Station 16 and Shop Building / INTERIOR	Transient Lodging	The required number of guest rooms with communication features is not provided. Fire Station- Dorms Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition).	3	2000
202291	Fire Station 16 and Shop Building / INTERIOR	Transient Lodging	The required number of guest rooms with mobility features is not provided. Fire Station- Dorms Install mobility features in guest rooms. Provide guest rooms with compliant accessible routes, restrooms, operable parts, shelving and clear space at the bed. Provide a turning space within the room.	3	1400
202295	Fire Station 16 and Shop Building / INTERIOR	Kitchen	Appliance controls cannot be operated with one hand, require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate. Fire Station- Kitchen Replace appliance controls with units that can be operated with one hand. The controls must not require tight grasping, pinching, or twisting of the wrist, or require more than 5 pounds force to operate.	4	480
202296	Fire Station 16 and Shop Building / INTERIOR	Kitchen	The height of controls throughout the common area are not compliant. Fire Station- Kitchen Provide redundant controls within a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	1000
202297	Fire Station 16 and Shop Building / INTERIOR	Kitchen	Less than 5% or at least one of each type of sink is not accessible. Fire Station- Kitchen Provide at least 5%, or no less than one of each type, of sink in each accessible room or space. provide knee and toe clearance at a minimum of one sink. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	2	720
202298	Fire Station 16 and Shop Building / INTERIOR	Kitchen	The combination refrigerator/freezer does not have at least 50% of the freezer space 54" maximum above the finish floor or ground. Fire Station- Kitchen Replace the combination refrigerator/freezer with a model that has at least 50% of the freezer space 54" maximum above the finish floor or ground.	4	1000
202284	Fire Station 16 and Shop Building / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Fire Station- Men's Restroom/Shower Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	115
202289	Fire Station 16 and Shop Building / INTERIOR	Restroom	Where provided, shelves are not located within 40" - 48" above the finished floor. Fire Station- Men's Restroom/Shower Install minimum one shelf at a compliant height. Where shelves are provided, at least one shall comply. Accessible shelves in toilet rooms shall be minimum 40" and maximum 48" above the finished floor to the top of the shelf.	3	200
202281	Fire Station 16 and Shop Building / INTERIOR	Restroom	Pipes are not insulated. Fire Station- Men's Restroom/Shower Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	130
202282	Fire Station 16 and Shop Building / INTERIOR	Restroom	Controls on dispensers are not compliant. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	400

PHASE FOUR BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202283	Fire Station 16 and Shop Building / INTERIOR	Restroom	A wheelchair stall is not provided in a multi-user restroom. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.[ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground.	3	5500
202285	Fire Station 16 and Shop Building / INTERIOR	Restroom	Where provided, shelves are not located within 40" - 48" above the finished floor. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Install minimum one shelf at a compliant height. Where shelves are provided, at least one shall comply. Accessible shelves in toilet rooms shall be minimum 40" and maximum 48" above the finished floor to the top of the shelf.	3	400
202286	Fire Station 16 and Shop Building / INTERIOR	Restroom	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.	2	600
202287	Fire Station 16 and Shop Building / INTERIOR	Restroom	WASHINGTON: The transfer shower stall is not compliant. Fire Station- Men's Restroom/Shower & Women's Restroom/Shower Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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 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, 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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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	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 rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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	7181
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	1250
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	1250
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	1250
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	1250
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	1250

PHASE FOUR BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
202305	Fire Station 16 and Shop Building / INTERIOR	Interior Access Route	Handrail extensions are not compliant. Maintenance Facility - Stair Install handrails so that the gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of the stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. All extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	326
202258	Fire Station 16 and Shop Building / EXTERIOR	Accessible Parking	WASHINGTON: A compliant van stall, access aisle, and signage are not provided. Parking Lot 1 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	1400
202304	Fire Station 16 and Shop Building / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	5	1400
202479	Fire Station 16 and Shop Building / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 3 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	5	1400
202262	Fire Station 16 and Shop Building / EXTERIOR	Exterior Access Route	WASHINGTON: Handrails are not provided where the ramp rises more than 6" or are not compliant. Ramp 1 (R1) Provide compliant handrails on both sides of the ramp. The handrails on each side shall be a minimum 44" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1-1/4" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6-1/4" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs for minimum 12" horizontally over ramp landings. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]	1	7172
202259	Fire Station 16 and Shop Building / EXTERIOR	Exterior Access Route	WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stair 1 (ST1) Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.	3	70
202328	Fire Station 16 and Shop Building / EXTERIOR	Exterior Access Route	WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. Stair 2 (ST2) Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.	3	281

PHASE FOUR BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
201166	Police Garage North	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 201167 & 201168. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	1750
201167	Police Garage North	Exterior Access Route	WASHINGTON: The curb ramp width is less than 44". Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant ramp that has a minimum clear width of 44". This barrier must be removed in conjunction with barrier ID 201166 & 201168. The cost of this barrier removal is covered under ID 201166 and therefore, the cost of this ID is shown as $0. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.]	1	0
201168	Police Garage North	Exterior Access Route	The curb ramp landing is not level. The slope of the curb ramp landing exceeds the maximum allowable 1:48 (2.08%). Curb Ramp 1 (CR1) Provide a level landing at the top of the curb ramp with maximum slope 1:48 (2.08%). This barrier must be removed in conjunction with barrier ID 201166 & 201167. The landing clear length shall be 36" minimum. The landing clear width shall be at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted. [EXCEPTION: In alterations, where there is no landing at the top of curb ramps, curb ramp flares shall be provided and shall not be steeper than 1:12.] The landing slope may have maximum 1:20 (5%) running slope, if the sidewalk is parallel/continuous with the running slope of the curb ramp, and a sidewalk with the dominant path of travel perpendicular to the dominant path of travel of the curb ramp is not provided.	1	1289
201330	Police Garage North	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Curb Ramp 2 (CR2) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 201331. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	1750
201331	Police Garage North	Exterior Access Route	WASHINGTON: The curb ramp width is less than 44". Curb Ramp 2 (CR2) The curb ramp should be removed and replaced with a compliant ramp that has a minimum clear width of 44". This barrier must be removed in conjunction with barrier ID 201330. The cost of this barrier removal is covered under ID 201330 and therefore, the cost of this ID is shown as $0. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.]	1	0
202226	Police Garage South	Exterior Access Route	WASHINGTON: The slopes of the exterior accessible route are not compliant. Access Route to Building Entrance Provide an exterior accessible route with running slopes no greater than 1:20 (5%) and cross slopes no greater than 1:50. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] An exterior accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope, and clear width of 44". Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	1189
203414	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Common Areas	The height of the washing machine and dryer are greater than 36" to the top of the units. Garage Replace the washing machine and dryer with units of maximum height 36". This barrier must be removed in conjunction with ID 203763. The cost for this barrier removal is covered by ID 203763, therefore the cost is shown as $0. Top loading machines shall have the door to the laundry compartment located 36" maximum above the finish floor. Front loading machines shall have the bottom of the opening to the laundry compartment located 15" minimum and 36" maximum above the finish floor.	5	0
203415	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Interior Access Route	Operable parts or items requiring an obstructed forward reach motion are higher than 48" maximum height where the depth of the obstruction is 20" maximum, or greater than 44" maximum height where the depth of the obstruction is 20" to 25" maximum, or lower than minimum 15" height above finish floor. Garage Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	400
203416	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Interior Access Route	Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Garage Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	200
203763	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Common Areas	The washing machine and dryer controls are not within reach range. Garage Replace the washing machine and dryer with units that have controls within an obstructed high reach range. This barrier must be removed in conjunction with ID 203414. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20" , the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the washer or dryer shall be 36" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	5	1600
203422	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Kitchen	The location of the controls requires reaching across burners. Kitchen Replace the stove or oven with a unit that does not require reaching across burners to access the controls. The location of controls shall not require reaching across burners.	5	759

PHASE FOUR BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203423	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Kitchen	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	1688
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	2382
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
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	1250
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

PHASE FOUR BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203437	Medic 23 Quarters at Evergreen Hospital / EXTERIOR	Exterior Access Route	A curb ramp is not provided where the accessible route crosses a curb. Route to Garage Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. The minimum clear width of a curb ramp run shall be 44". Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted.	1	1750
203438	Medic 23 Quarters at Evergreen Hospital / EXTERIOR	Exterior Access Route	The accessible route has cross slopes greater than 1:50 (2%). Route to Medic Station Entrance The walkway should be graded to a maximum 1:50 (2%) cross slope. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not exceeding 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	317
203430	Medic 23 Quarters at Evergreen Hospital / INTERIOR	Restroom	The entire restroom is not compliant due to limited room dimensions. Water Closet and Shower Room Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Provide a turning space within the restroom. Turning space shall be either a circular space or a T- shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space “changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones.] At least one of each type of fixture, element, control or dispenser in each toilet room shall be accessible, within allowable reach ranges. The bottom of the reflective surface of mirrors, not including the frame, shall be 40" maximum above finish floor when above lavatories and counters, and 35" maximum when not above	5	24000
PHASE FOUR TOTAL					**$ 399,482**

PHASE FIVE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
204208	Fire Station 12 / INTERIOR	Interior Access Route	The rear of the stairs is open. Apparatus Bay Stair Provide a barrier to warn blind or visually impaired persons. Vertical clearance shall be 80" (2030 mm) high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80" (2030 mm) high. The leading edge of such guardrail or barrier shall be located 27" (685 mm) maximum above the finish floor or ground. EXCEPTION: Door closers and door stops shall be permitted to be 78" (1980 mm) minimum above the finish floor or ground.	1	$ 728
204175	Fire Station 12 / INTERIOR	Transient Lodging	The required number of guest rooms with mobility features is not provided. Dorms Install mobility features in guest rooms. Provide guest rooms with compliant accessible routes, restrooms, operable parts, shelving and clear space at the bed. Provide a turning space within the room.	5	$ 12,000
204231	Fire Station 12 / INTERIOR	Transient Lodging	The required number of guest rooms with communication features is not provided. Dorms Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition).	5	$ 2,000
204172	Fire Station 12 / INTERIOR	Interior Access Route	Means of egress signage is not provided. Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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, 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 maximumunder 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 permit ted 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 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.]	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	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 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.]	5	$ -
204181	Fire Station 12 / INTERIOR	Restroom	Controls on dispensers are not compliant. Men's Restroom 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.	5	$ 200
204182	Fire Station 12 / 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.	5	$ 2,750

PHASE FIVE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
204183	Fire Station 12 / 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 rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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
204184	Fire Station 12 / 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.]	5	$ 115
204185	Fire Station 12 / INTERIOR	Restroom	The pull side of the accessible door does not have the required maneuvering clearances. 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 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.	5	$ 1,250
204219	Fire Station 12 / EXTERIOR	Exterior Access Route	A compliant accessible route is not provided from accessible parking to the public facility entrance. Parking Lot 1 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.	1	$ 44
204216	Fire Station 12 / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided and the slope and/or ground surface is/are not compliant. Parking Lot 1 - Stall 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%). 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	$ 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 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.]	5	$ 440
204187	Fire Station 12 / INTERIOR	Interior Access Route	Controls throughout the common area are not compliant. Throughout Building Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	$ 675
204198	Fire Station 12 / INTERIOR	Restroom	The door has less than 32" clear width. Unisex Restroom Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]	5	$ 1,124
204199	Fire Station 12 / INTERIOR	Restroom	The pull side of the accessible door does not have the required maneuvering clearances. Unisex Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with barrier ID 204200. The required depth of the maneuvering clearance is 54" minimum. The required side clearance is 24" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	5	$ 1,250
204200	Fire Station 12 / INTERIOR	Restroom	Clear widths are not 36" minimum (including protruding objects). Smaller widths of 32" min. to 36" a max. length of 24" and not separated by segments a min. of 48" long and 36" wide min. Unisex Restroom Ensure clear widths of 36" minimum. This barrier must be removed in conjunction with barrier ID 204199. Ensure smaller widths of minimum 32" to 36" are maximum length of 24" separated by segments minimum 48" long and minimum 36" wide.	5	$ 1,000
204201	Fire Station 12 / INTERIOR	Restroom	Pipes are not insulated. Unisex Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	5	$ 65

PHASE FIVE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
204202	Fire Station 12 / INTERIOR	Restroom	The height of controls are not compliant. Unisex Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 204203. The cost of this barrier removal is covered under ID 204203 and therefore, the cost of this ID is shown as $0. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	$ -
204203	Fire Station 12 / INTERIOR	Restroom	Controls on dispensers are not compliant. Unisex Restroom Provide compliant controls and operating mechanisms. This barrier must be removed in conjunction with barrier ID 204202. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	$ 200
204204	Fire Station 12 / INTERIOR	Restroom	The water closet in a single user / unisex restroom does not have the required clearance. Unisex Restroom Redesign to provide compliant water closet clearance. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition, except that the water closet shall be 17" minimum and 19" maximum from the side wall or partition in the ambulatory accessible toilet compartment. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	5	$ 1,368
204205	Fire Station 12 / INTERIOR	Restroom	Where provided, shelves are not located within 40" - 48" above the finished floor. Unisex Restroom Install minimum one shelf at a compliant height. Where shelves are provided, at least one shall comply. Accessible shelves in toilet rooms shall be minimum 40" and maximum 48" above the finished floor to the top of the shelf.	5	$ 200
204206	Fire Station 12 / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Unisex Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	$ 115

PHASE FIVE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
204207	Fire Station 12 / INTERIOR	Restroom	WASHINGTON: The transfer shower stall is not compliant. Unisex 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 rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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
204944	Fire Station 12 / INTERIOR	Restroom	The centerline of the toilet in the ambulatory stall is not 17" minimum to 19" maximum from the sidewall. Unisex Restroom 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"].	3	$ 630
204232	Fire Station 12 / 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.	5	$ 313
204188	Fire Station 12 / INTERIOR	Restroom	The provided signage is not mounted at the latch side of the door. 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 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.]	5	$ 55
204189	Fire Station 12 / 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 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.	5	$ 1,250
204190	Fire Station 12 / INTERIOR	Restroom	Controls on dispensers are not compliant. Women's Restroom Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	5	$ 200
204191	Fire Station 12 / 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.]	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 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

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 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, 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	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 rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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
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

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 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.]	3	$ 110
200246	Fire Station 13 / INTERIOR	Restroom	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Men's & Women's Restroom Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. This barrier must be removed in conjunction with barrier ID 200559 & 200560. The cost of this barrier removal is covered under ID 200559 and therefore, the cost of this ID is shown as $0.	2	$ -
200247	Fire Station 13 / INTERIOR	Restroom	Pipes are not insulated. Men's & Women's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	$ 130
200248	Fire Station 13 / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. Men's & Women's Restroom Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	$ 586

PHASE FIVE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200249	Fire Station 13 / INTERIOR	Restroom	The wheelchair stall with a wall mounted water closet, in a multi-stall restroom, is less than 60" wide and 56" deep. Men's & Women's Restroom Redesign to provide compliant wheelchair stall with a wall mounted water closet. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall. In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 2,736
200250	Fire Station 13 / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Men's & Women's Restroom Remove and install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 1,420
200560	Fire Station 13 / INTERIOR	Restroom	The height of controls are not compliant. Men's Restroom Provide operable parts of all controls, dispenser, receptacle and other operable equipment within at least one of the reach ranges. This barrier must be removed in conjunction with barrier ID 200246 & 200559. The cost of this barrier removal is covered under ID 200559 and therefore, the cost of this ID is shown as $0. Operable parts shall be placed within one or more of the reach ranges. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ -
200237	Fire Station 13 / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	$ 1,400
200264	Fire Station 13 / EXTERIOR	Entrance to Building	The accessible door has less than 32" clear width. Patio Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]	1	$ 2,480
200265	Fire Station 13 / EXTERIOR	Entrance to Building	The threshold at the accessible door is greater than ½" in height. Patio Remove and replace with a threshold that is ½" or less in height (including carpet pile allowed to be 1/2" max high). Thresholds, if provided at doorways, shall be 1/2" high maximum. Raised thresholds and changes in level at doorways shall be compliant. [EXCEPTION: Existing or altered thresholds 3/4" high maximum that have a beveled edge on each side with a slope not steeper than 1:2 shall not be required to comply.]	1	$ 179
200238	Fire Station 13 / EXTERIOR	Entrance to Building	The maneuvering clearance at the accessible door is not level and clear. Public Entrance Remove and replace the surface within the required maneuvering clearance area so that the surface is level and clear with maximum slope 1:48 (2.08%) in any direction. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	$ 1,250

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

PHASE FIVE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200430	Fire Station 14 / INTERIOR	Interior Access Route	Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Building Exit Doors Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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, 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.Opera ble parts shall be operable with one hand and shall not 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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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	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 rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required horizontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and projecting objects above the grab bar shall be 12" minimum.[EXCEPTIONS:1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fittings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and vertical grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or supporting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]	3	$ 7,181
200451	Fire Station 14 / INTERIOR	Restroom	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Men's Restroom Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.	2	$ 300
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

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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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 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. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [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	WASHINGTON: The transfer shower stall is not compliant. Women's Restroom Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangularseat shall be 21/2" maximum and the front edge 15" minimum and16" 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" maximumand 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 and23" 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 supportingstructure. 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
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 leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]	2	$ 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

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

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

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

PHASE FIVE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203401	Fire Station 17 / INTERIOR	Interior Access Route	Knee and toe clearance is not provided at the lower level fountain. Lobby Relocate or replace the lower level unit to provide knee and toe clearance. Lower level units shall have a clear floor or ground space minimum 30" by minimum 48" positioned for a forward approach, with the 30" dimension centered on the unit. Knee and toe clearance shall be provided. [EXCEPTION: A parallel approach shall be permitted at units for children's use where the spout is 30" maximum above the finish floor or ground and is 3-1/2" maximum from the front edge of the unit, including bumpers.] For a parallel approach, the 48" dimension shall be centered on the unit. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	4	$ 980
203402	Fire Station 17 / INTERIOR	Restroom	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Lobby Restroom Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 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- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 2,736
203375	Fire Station 17 / INTERIOR	Restroom	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Lobby Restroom, Upstairs Restrooms - North and South Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.	2	$ 2,184
203743	Fire Station 17 / INTERIOR	Restroom	The lavatory is mounted higher than 34" to the higher of the rim or counter. Lobby Restroom, Upstairs Restrooms - North and South Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15".	3	$ 2,160

PHASE FIVE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203741	Fire Station 17 / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Lobby Restroom, Upstairs Restrooms - North and South Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	$ 600
203350	Fire Station 17 / INTERIOR	Restroom	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch. Men's and Women's Restrooms Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.	3	$ 732
203351	Fire Station 17 / INTERIOR	Restroom	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. Men's and Women's Restrooms Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor. This barrier must be removed in conjunction with ID 203352.	2	$ 1,456
203352	Fire Station 17 / INTERIOR	Restroom	The pull side of the accessible door does not have the required maneuvering clearances. Men's and Women's Restrooms Redesign to provide the required maneuvering clearance at the pull side of the door. This barrier must be removed in conjunction with ID 203351. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	3	$ 400
203353	Fire Station 17 / INTERIOR	Restroom	The lavatory is mounted higher than 34" to the higher of the rim or counter. Men's and Women's Restrooms Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15".	3	$ 1,440
203354	Fire Station 17 / INTERIOR	Restroom	Pipes are not insulated. Men's and Women's Restrooms Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	$ 130
203355	Fire Station 17 / INTERIOR	Restroom	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter. Men's and Women's Restrooms Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]	3	$ 400
203357	Fire Station 17 / INTERIOR	Restroom	The hardware at the wheelchair stall door is not compliant. Men's and Women's Restrooms Install door pulls near the latch on each side of wheelchair stall door. Door pulls shall be placed on both sides of the door near the latch. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	3	$ 586
203358	Fire Station 17 / INTERIOR	Restroom	The centerline of the toilet in the wheelchair stall is not 16" minimum to 18" maximum from the sidewall. Men's and Women's Restrooms Provide a water closet with centerline 16" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, personal product disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 1,260

PHASE FIVE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203359	Fire Station 17 / INTERIOR	Interior Access Route	Clear space is not provided at the control or operating mechanism. Men's and Women's Restrooms Relocate the dispenser and provide compliant clear floor space at each control and operating mechanism that allows a forward or a parallel approach. The clear floor or ground space shall be 30" minimum by 48" minimum. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. For a forward approach, alcoves shall be 36" wide minimum where the depth exceeds 24". For a parallel approach, alcoves shall be 60" wide minimum where the depth exceeds 15". Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: slopes not steeper than 1:48 shall be permitted.]	1	$ 400
203360	Fire Station 17 / INTERIOR	Restroom	WASHINGTON: The transfer shower stall is not compliant. Men's and Women's Restrooms Remove the existing stall and replace with a compliant transfer shower. A transfer shower shall be 36" wide by 36" deep clear inside dimensions with a 36" minimum wide entry. Clear floor space 48" minimum in length measured perpendicular from the control wall, and 36" minimum in depth shall be provided adjacent to the open face of the compartment. If curbs or thresholds are installed at the shower edge, the curbs or thresholds shall be 1/2" maximum height, with its edge beveled, rounded, or vertical. [EXCEPTION: A 2" high curb permitted in existing facilities where provision of a 1/2" high threshold would disturb the structural reinforcement of slab.] CONTROLS: The controls, faucets, and shower spray shall be installed on the side wall opposite the seat 38" minimum and 48" maximum above finish floor. Controls, faucets, and shower sprays shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. SEAT: Provide a folding or non-folding seat. A folding seat is required in transient lodging ADA showers. The height of shower compartment seats shall be 17"- 19" measured to the top of the seat from the finish floor. The seat shall extend to within 3" of compartment entry. Rectangular Seats. The rear edge of a rectangular seat shall be 21/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The side edge of the seat shall be 1-1/2" maximum from the back wall of a transfer-type shower. L-Shaped Seats. The rear edge of an L-shaped seat shall be 2-1/2" maximum and the front edge 15" minimum and 16" maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the wall and the front edge shall be 14" minimum and 15" maximum from the wall. The end of the "L" shall be 22" minimum and 23" maximum from the main seat wall. Allowable stresses shall not be exceeded for materials used where a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the seat, fastener mounting device, or supporting structure. GRAB BARS: Provide a vertical grab bar 18" minimum in length on the control end wall. The vertical bar shall be 3" minimum to 6" maximum above the horizontal grab bar and 4" maximum inward from the front edge of the shower. Horizontal grab bars shall be provided across the control wall and on the back wall to a point 18" from the control wall. Where multiple grab bars are used, required hor-izontal grab bars shall be installed at the same height above the floor. [EXCEPTION: Grab bars are not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars.] Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the floor measured to the top of the gripping surface. Grab bars with a circular cross-section shall have an outside diameter of 1-1/2" minimum and 2" maximum. Grab bars with a non-circular cross section shall have a cross section dimension of 2" maximum, and a perimeter dimension of 4" minimum and 4.8" maximum. The space between the wall and the grab bar shall be 1-1/2". The space between the grab bar and projecting objects below the grab bar shall be 1-1/2" minimum. The space between the grab bar and project-ing objects above the grab bar shall be 12" minimum.[EXCEPTIONS:1. The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1-1/2" minimum. 2. Recessed dispensers projecting from the wall 1" maximum measured from the face of the dispenser.] Grab bars, and any wall or other surfaces adjacent to grab bars, shall be free of sharp or abrasive elements. Edges shall be rounded. Grab bars shall not rotate within their fit-tings. Grab bars shall be installed in any manner that provides a gripping surface at the required locations and does not obstruct the clear floor space. Horizontal and verti-cal grab bars shall be permitted to be separate bars, a single piece bar, or combination thereof. Allowable stresses shall not be exceeded for materials used where a vertical or hori-zontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener mounting device, or sup-porting structure. Where a permanent dispenser is provided within the shower stall, cleansing product dispenser controls shall be operable with one hand, or automatic and mounted above the floor at the following height per depth. Reach depth 0.5" max.= Reach height 48" max.; Reach depth 2" max.=Reach height 46" max.; Reach depth 5" max.=Reach height 42" max.; Reach depth 6" max.=Reach height 40" max.; Reach depth 9" max.=Reach height 36" max.; Reach depth 11" max.=Reach height 34" max. [deeper reach than 11" not allowed]	3	$ 14,362
203361	Fire Station 17 / INTERIOR	Restroom	The shower controls are not mounted at a height 38" minimum and 48" maximum above the shower floor. Men's and Women's Restrooms Relocate the shower controls, shower spray unit, and faucet. In transfer type shower compartments, the controls, faucets, and shower spray unit shall be installed on the side wall opposite the seat, at a height 38" minimum and 48" maximum above the shower floor. The controls, shower spray unit and faucet shall be located on the control wall 15" maximum from the centerline of the seat toward the shower opening. In transfer type compartments, grab bars shall be provided across the control wall and back wall to a point 18" from the control wall.	3	$ 650
203363	Fire Station 17 / INTERIOR	Restroom	A transfer seat is provided but is not compliant. Men's and Women's Restrooms Provide a compliant folding or non-folding seat. The shower seat shall be rectangular or L-shaped. All seats shall have the inside edge 2-1/2" maximum from the seat wall. The side edge of all seats shall be 1-1/2" from the adjacent rear wall. The forward edge of the rectangular seat shall extend 15" minimum to 16" maximum from the seat wall. At the narrower part of the L-shaped seat, the inside edge shall be 2-1/2" maximum from the seat wall, and the outside/front edge 15" minimum and 16" maximum from the seat wall. At the wider part of the L-shaped seat closer to the rear wall, the rear edge of the "L" portion of the seat shall be 1-1/2" maximum from the rear wall and the outside/front edge shall be 22" minimum and 23" maximum from the seat wall. In transfer-type showers, the seat shall extend from the back wall to a point within 3" of the compartment entry. The top of the seat shall be 17" minimum and 19" maximum above the bathroom finish floor.	3	$ 1,209
203364	Fire Station 17 / INTERIOR	Restroom	The shower area does not have a compliant bench. Men's and Women's Restrooms Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.	3	$ 1,578
203365	Fire Station 17 / INTERIOR	Interior Access Route	Items requiring an obstructed side reach motion are higher than 48" maximum where the obstruction depth is 10" maximum, or higher than 46" maximum where the obstruction depth is between 10" and 24" and/or lower than 15" minimum height above finish floor. Men's and Women's Restrooms Remove and lower to a compliant reach range. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 400

PHASE FIVE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203366	Fire Station 17 / INTERIOR	Interior Access Route	A compliant turning space is not provided at the change of direction. Men's and Women's Restrooms Provide a compliant turning space at the change of direction. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted] [Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/2" which are not ramped. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.] Turning space shall be either a circular space or a T-shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60 inch square minimum, with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Clear Width at 180 Degree Turn: Where the accessible route makes a 180 degree turn around an element which is less than 48" wide, clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. [EXCEPTION: Where the clear width at the 180 degree turn is 60" minimum, then the dimensional requirements for a 180 degree turn shall not be required.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 1,500
203368	Fire Station 17 / INTERIOR	Restroom	The clear floor space at the urinal is less than minimum 30" by minimum 48". Men's Restroom Redesign to provide clear space at the urinal for a forward approach, The clear floor or ground space shall be 30" minimum by 48" minimum, with the 30" dimension parallel with the rear wall behind the urinal. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.]	3	$ 1,100
203389	Fire Station 17 / INTERIOR	Interior Access Route	WASHINGTON: The stair treads do not have visual contrast of dark-on-light or light-on-dark on the leading 2" of the tread from the remaining portion of the tread surface. North and South Stairwells Provide light-on-dark or dark-on-light visual contrast on the leading 2" of each tread, in contrast with the remaining portion of the tread surface.	3	$ 1,689
203386	Fire Station 17 / INTERIOR	Interior Access Route	Handrails are not compliant. North Stairwell Install compliant handrails on both sides of the stairway. Inside handrails on switchback or dogleg stairs shall be continuous between runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above stair nosings. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTION: The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4".] Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] At the top of a stair flight, handrails shall extend horizontally above the landing for 12" minimum beginning directly above the first riser nosing. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. Removal of this barrier is required if the stairs are part of the required accessible means of egress from the accessible space, per emergency egress plans approved by the administrating local authority.	1	$ 8,476
203739	Fire Station 17 / INTERIOR	Interior Access Route	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Office across from Men's Restroom Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	$ 200
203370	Fire Station 17 / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Office across from Men's Restroom Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	5	$ 1,250
203349	Fire Station 17 / INTERIOR	Interior Access Route	The surface of the swinging door within 10 inches of the finish floor or ground for the full width of the door on the push side is not smooth. Office across from Men's Restroom Modify or replace the door to provide a smooth surface on the door within 10 inches of the finish floor or ground for the full width of the door on the push side. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped.Swinging door and gate surfaces within 10 inches of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch of the same plane as the other. Cavities created by added kick plates shall be capped. [EXCEPTIONS: 1. Sliding doors shall not be required to comply. 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal shall not be required to meet the 10 inch bottom smooth surface height requirement. 3. Doors and gates that do not extend to within 10 inches of the finish floor or ground shall not be required to comply. 4. Existing doors and gates without smooth surfaces within 10 inches of the finish floor or ground shall not be required to provide smooth surfaces provided that if added kick plates are installed, cavities created by such kick plates are capped.]	5	$ 400
203331	Fire Station 17 / INTERIOR	Interior Access Route	The height of controls throughout the common area are not compliant. Offices Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.	1	$ 2,000

PHASE FIVE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203330	Fire Station 17 / INTERIOR	Interior Access Route	The hardware at the accessible door (including sliding doors - both sides) requires tight grasping, pinching or twisting of the wrist to operate OR is mounted below 34" or above 48". Offices, Fitness Room, Sleeping Quarters Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.]	5	$ 4,710
203323	Fire Station 17 / EXTERIOR	Accessible Parking	The access aisle slope is greater than 1:50 (2%). Parking Stall P-1 Remove and replace with an adjacent access aisle that has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Access aisles shall be at the same level as the parking spaces they serve. Measurements shall be made to the centerline of the stripe. Where accessible stalls and aisles are not adjacent to another stall or aisle, measurements shall be permitted to include the full width of the line defining the accessible parking space or aisle. The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 5,000
203408	Fire Station 17 / EXTERIOR	Accessible Parking	The parking space slope is greater than 1:50 (2%). Parking Stall P-1 Remove and replace with a van space which has a slope of maximum 1:50 (2%) in all directions. [EXCEPTION: Slopes not steeper than 1:48 (2.08%) shall be permitted.] Changes in level are not permitted. Parking spaces and access aisles serving them shall be compliant. Width measurements shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.	1	$ 6,300
203410	Fire Station 17 / EXTERIOR	Accessible Parking	WASHINGTON: The car access aisle signage is not compliant or not provided. Parking Stall P-1 Stripe with a compliant vertical car accessible access aisle sign indicating "No Parking". The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the stall pavement surface. Accessible car parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 60" (5') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	$ 280
203397	Fire Station 17 / EXTERIOR	Common Areas	The dining table does not have compliant knee and toe clearance. Patio Provide dining tables with knee and toe clearance. Dining tables shall be minimum 28" and maximum 34" high. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.	2	$ 1,000
203327	Fire Station 17 / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Police Office Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	1	$ 1,250
203345	Fire Station 17 / INTERIOR	Interior Access Route	Clear widths are less than 36" minimum, including protruding objects. Rec Room Relocate the furniture to ensure clear widths of 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to be 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.]	1	$ 200
203371	Fire Station 17 / INTERIOR	Interior Access Route	At least one each of shelves, clothes rod, drawer, hook, closets or cabinets are not within reach range. Sleeping Quarters Provide a minimum of one of each item within reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 400
203740	Fire Station 17 / INTERIOR	Interior Access Route	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Sleeping Quarters Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	$ 300
203394	Fire Station 17 / INTERIOR	Interior Access Route	The rear of the stairs is open. South Stairwell Provide a barrier to warn blind or visually impaired persons. Vertical clearance shall be 80" (2030 mm) high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80" (2030 mm) high. The leading edge of such guardrail or barrier shall be located 27" (685 mm) maximum above the finish floor or ground. EXCEPTION: Door closers and door stops shall be permitted to be 78" (1980 mm) minimum above the finish floor or ground.	1	$ 728

PHASE FIVE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
203377	Fire Station 17 / INTERIOR	Interior Access Route	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor. Unisex Restroom - South Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 300
203378	Fire Station 17 / INTERIOR	Restroom	The accessible dispensers are not at compliant heights. Unisex Restroom - South Remove and relocate dispensers so that the highest operable part is at an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [Advisory for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 200
200515	Fire Station 18 / INTERIOR	Interior Access Route	The pull side of the accessible door does not have the required maneuvering clearances. Apparatus Bay from Corridor Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.	5	$ 2,500
200480	Fire Station 18 / INTERIOR	Interior Access Route	Tactile means of egress signage is not provided at the latch side of the door. (Applies to designated egress stairways, exit doors, areas of refuge) Building Exits Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active 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, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style" Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.]	2	$ 110
200492	Fire Station 18 / INTERIOR	Transient Lodging	The clear floor space at the bed is not compliant. Dorm Room Provide at least one sleeping area in the guest room with clear floor space minimum 30" by minimum 48" oriented parallel to the bed on both sides of the bed. [Exception: Where a single, parallel clear floor space is provided between 2 beds, a clear space is not required on both sides of a bed.]	2	$ 400
200493	Fire Station 18 / INTERIOR	Transient Lodging	The required number of guest rooms with communication features is not provided. Dorm Room Install communication features in guest rooms. The system shall include a visual notification system for a doorknock or bell, and for the telephone. The door visual notification system shall not be connected to the visual alarm system. The telephone shall be TTY system compatible. an electrical outlet located within allowable reach ranges and within 48" of the telephone for TTY use [Advisory: provide a telephone which has both analog and digital signal use. If an audio headphone jack is provided on a speaker phone, provide a cutoff switch included in the jack so that insertion of the jack cuts off the speaker. If a telephone-like handset is used, preferably the external speakers be turned off when the handset is removed from the cradle. For the greatest flexibility, is a standard subminiature jack installed in the telephone for headset or external amplification system compatibility.] At a minimum, visual signal appliances shall be provided in buildings and facilities in each of the following areas: restrooms and any other general usage areas (e.g., meeting rooms), hallways, lobbies, and any other area for common use. If provided, audible emergency alarms shall produce a sound that exceeds the prevailing equivalent sound level in the room or space by at least 15 dbA or exceeds any maximum sound level with a duration of 60 seconds by 5 dbA, whichever is louder. Visual alarm signal appliances shall be integrated into the building or facility alarm system. If single station audible alarms are provided then single station visual alarm signals shall be provided. Visual alarm signals shall have the following minimum photometric and location features: (1) The lamp shall be a xenon strobe type or equivalent. (2) The color shall be clear or nominal white (i.e., unfiltered or clear filtered white light). (3) The maximum pulse duration shall be two-tenths of one second (0.2 sec) with a maximum duty cycle of 40 percent. The pulse duration is defined as the time interval between initial and final points of 10 percent of maximum signal. (4) The intensity shall be a minimum of 75 candela. (5) The flash rate shall be a minimum of 1 Hz and a maximum of 3 Hz. (6) The appliance shall be placed 80"- 96" above the highest floor level within the space or 6" below the ceiling, whichever is lower. (7) In general, no place in any room or space required to have a visual signal appliance shall be more than 50 ft from the signal (in the horizontal plane). In large rooms and spaces exceeding 100 ft across, without obstructions 6 ft above the finish floor, such as auditoriums, devices may be placed around the perimeter, spaced a maximum 100 ft apart, in lieu of suspending appliances from the ceiling. (8) No place in common corridors or hallways in which visual alarm signalling appliances are required shall be more than 50 ft from the signal. Units and sleeping accommodations shall have a visual alarm connected to the building emergency alarm system or shall have a standard 110-volt electrical receptacle into which such an alarm can be connected and a means by which a signal from the building emergency alarm system can trigger such an auxiliary alarm. When visual alarms are in place the signal shall be visible in all areas of the unit or room. Instructions for use of the auxiliary alarm or receptacle shall be provided. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition).	3	$ 2,000
200507	Fire Station 18 / INTERIOR	Interior Access Route	The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds. Exercise Room Adjust the closer or replace with a door that requires no more than 5 pounds of force for pushing or pulling the door open. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be maximum 5 pounds. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.	1	$ 366

PHASE FIVE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200481	Fire Station 18 / INTERIOR	Common Areas	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground. Fire Office Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]	2	$ 1,804
200508	Fire Station 18 / INTERIOR	Common Areas	Controls and/or dispensers are not within an allowable reach range. Kitchen Locate the control so that the highest operable part is within at least one of the allowable reach ranges, and does not impede on the knee clearance, if required. Provide clear floor space at each control and operating mechanism. Clear floor space minimum 30" by minimum 48" shall be oriented for a forward or a parallel approach. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54" maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply . Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	4	$ 1,098
200509	Fire Station 18 / INTERIOR	Kitchen	The height of the counter is greater than 34". Kitchen Modify or replace counter to provide a minimum 30" section with maximum height 34" with knee and toe clearance. [EXCEPTION: A counter that is adjustable to provide a kitchen work surface at variable heights 29" minimum to 36" maximum shall be permitted.] The work surface shall have knee and toe clearance. [EXCEPTION: Cabinetry shall be permitted under the kitchen work surface provided that (a) cabinetry can be removed with removal or replacement of the kitchen work surface, (b) the finish floor extends under the cabinetry, and (c) the walls behind and surround the cabinetry are finished.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.	2	$ 1,986
200510	Fire Station 18 / INTERIOR	Kitchen	The kitchen sink does not have knee and toe clearance. Kitchen Provide knee and toe clearance at minimum one sink in the kitchen. A clear floor space positioned for forward approach shall be provided. Knee and toe clearance shall be provided. Space beneath an element between the floor and 9 inches above the floor shall be considered toe clearance and shall comply with toe clearance. Toe clearance shall be permitted to extend 25 inches maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum beneath the element. Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the floor shall not be considered toe clearance. Toe clearance shall be 30 inches minimum in width. Space beneath an element between 9 inches and 27 inches above the floor shall be considered knee clearance. Knee clearance shall be permitted to extend 25 inches maximumunder 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 permit ted at lavatories and sinks used primarily by children ages 5 and younger. 5. The requirement for knee and toe clearance shall not apply to more than one bowl of a multi-bowl sink. 6. A parallel approach centered on the sink shall be permitted at wet bars.] The front of lavatories and sinks shall be 34 inches maximum above the floor, measured to the higher of the rim or counter surface. [EXCEPTION: A lavatory in a toilet or bathing facility for a single occupant, accessed only through a private office and not for common use or public use, shall not be required to comply.] Faucets shall comply with operable part requirements. Hand-operated metering faucets shall remain open for 10 seconds minimum. Water supply and drainpipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.	2	$ 720
200511	Fire Station 18 / INTERIOR	Kitchen	Items requiring a reach motion, but do not have an operable part, are not within compliant reach ranges. Kitchen Ensure at least one of each type of dispenser is within reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	2	$ 93
200512	Fire Station 18 / INTERIOR	Kitchen	Controls throughout the common area are not compliant. Kitchen Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	$ 225
200889	Fire Station 18 / INTERIOR	Interior Access Route	Controls throughout the common area are not compliant. Laundry Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	$ 800

PHASE FIVE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200490	Fire Station 18 / INTERIOR	Common Areas	The height of the shelving is not within reach range. Laundry Room Install shelving within at least one of the allowable reach ranges. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	5	$ 200
200888	Fire Station 18	Interior Access Route	Controls throughout the common area are not compliant. Laundry Room Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	1	$ 800
200498	Fire Station 18 / INTERIOR	Restroom	The required clearance at the entry to the transfer stall is not provided. Men's & Women's Restroom Reconfigure so shower has required clear floor space. Transfer type shower compartments shall be 36" by 36" clear inside dimensions measured at the center points of opposing sides and shall have a 36" wide minimum entry on the face of the shower compartment. Clearance of 36" wide minimum by 48" long minimum measured from the control wall shall be provided.	3	$ 6,000
200500	Fire Station 18 / INTERIOR	Restroom	Controls on dispensers are not compliant. Men's Restroom Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	3	$ 200
200501	Fire Station 18 / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Men's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 115
200502	Fire Station 18 / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Men's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 115
200503	Fire Station 18 / INTERIOR	Restroom	Where provided, shelves are not located within 40" - 48" above the finished floor. Men's Restroom Install minimum one shelf at a compliant height. Where shelves are provided, at least one shall comply. Accessible shelves in toilet rooms shall be minimum 40" and maximum 48" above the finished floor to the top of the shelf.	3	$ 200

PHASE FIVE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200504	Fire Station 18 / INTERIOR	Restroom	A wheelchair stall is not provided in a multi-user restroom. Men's Restroom Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.[ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground.	3	$ 2,750
200505	Fire Station 18 / INTERIOR	Restroom	Pipes are not insulated. Men's Restroom Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.	3	$ 65
200471	Fire Station 18 / EXTERIOR	Accessible Parking	WASHINGTON: Signage is not located at the required height for the van accessible space. Parking Lot 1 Provide signage mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility in white on a blue background, and "van accessible". Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	1	$ 280
200472	Fire Station 18 / EXTERIOR	Accessible Parking	WASHINGTON: The van access aisle signage is not compliant or not provided. Parking Lot 1 Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The sign may include additional language such as, but not limited to, an indication of any penalty for parking in an access aisle. Signage shall be mounted 60" minimum above grade measured to the bottom of the sign from the pavement surface. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the access aisle shall be maximum 1:48 (2.08%).	1	$ 280
200473	Fire Station 18 / EXTERIOR	Exterior Access Route	WASHINGTON: The curb ramp width is less than 44". Parking Lot 1 - Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant ramp that has a minimum clear width of 44". This barrier must be removed in conjunction with barrier ID 200474. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.]	1	$ 1,750
200474	Fire Station 18 / EXTERIOR	Exterior Access Route	WASHINGTON: The slope of the curb ramp run is not compliant. Parking Lot 1 - Curb Ramp 1 (CR1) The curb ramp should be removed and replaced with a compliant curb ramp. This barrier must be removed in conjunction with barrier ID 200473. The cost of this barrier removal is covered under ID 200473 and therefore, the cost of this ID is shown as $0. Curb ramps shall have a maximum running slope of 8.33% (1:12) and maximum cross slope of 2.08% (1:48). Existing ramps constructed pre-1/26/92 may have steeper slopes only where space is constrained, with running slopes between 10% and 12.5% for maximum 3" rise and between 8.33% and 10% for maximum 6" rise. The minimum clear width of a curb ramp run shall be 44".	1	$ -
200477	Fire Station 18 / EXTERIOR	Accessible Parking	WASHINGTON: A van stall, access aisle, and signage are not provided. Parking Lot 2 Stripe with a compliant accessible van stall and access aisle. Accessible van parking spaces shall be at least 96" (8') wide minimum, and shall have an adjacent access aisle 96" (8') wide minimum. Where parking spaces are marked with lines, width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] The slope of the van stall and access aisle shall be maximum 1:48 (2.08%). Provide a mounted sign for a van accessible stall which shall include the International Symbol of Accessibility (ISA). The ISA shall be white on a blue background. Signs identifying van parking spaces shall contain the designation "van accessible". Provide a compliant vertical van accessible access aisle sign indicating "No Parking." The signs may include additional language such as, but not limited to, an indication of any penalty for parking in an accessible stall or access aisle. Signs shall be mounted 60" minimum above the stall surface measured to the bottom of the sign. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.	5	$ 1,400

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

PHASE FIVE BARRIERS					
Barrier ID	**Facility**	**Type**	**Detail and Resolution**	**Priority**	**Cost Estimate**
200494	Fire Station 18 / INTERIOR	Restroom	The grab bars at the water closet are not compliant. Women's Restroom Install compliant grab bars. Grab bars shall be installed in a horizontal position at height of 33" minimum to 36" maximum above the finish floor, measured to the top of the gripping surface. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].	3	$ 710
200495	Fire Station 18 / INTERIOR	Restroom	WASHINGTON: A vertical side grab bar is not present in the wheelchair stall. Women's Restroom Install a vertical side grab bar on side wall closest to the toilet. The vertical grab bar shall measure 18" long minimum, mounted 39" to 41" above finish floor. The centerline of the grab bar shall be between 39" and 41" from the rear wall.	3	$ 355
200496	Fire Station 18 / INTERIOR	Restroom	WASHINGTON: The toilet paper dispenser location is not compliant. Women's Restroom Relocate the toilet paper dispenser. The centerline of the toilet paper dispenser shall be 7"- 9" in front of the water closet. Toilet paper dispenser outlets shall be 18" minimum to 48" maximum above finish floor, with the outlets not located behind grab bars. The space between a grab bar and projecting objects above the top of the gripping surface of the grab bar shall be 12" minimum, and the space below the grab bar and projecting objects below the bottom of the grab bar shall be minimum 1-1/2" from the grab bar. Projecting toilet paper dispensers located above the horizontal side grab bar shall be minimum 12" from the top gripping surface of the side grab bar. Projecting toilet paper dispensers located below the grab bar shall be minimum 1-1/2" from the bottom of the horizontal side grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [Advisory 604.7 Dispensers. If toilet paper dispensers are installed above the side wall grab bar, the outlet of the toilet paper dispenser must be 48" maximum above the finish floor and the top of the gripping surface of the grab bar must be 33" minimum and 36" maximum above the finish floor.]	3	$ 293
200497	Fire Station 18 / INTERIOR	Restroom	The coat hook is not within an allowable reach range. Women's Restroom Install the coat hook within an allowable reach range. Unobstructed Forward Reach: Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]	3	$ 115
PHASE FIVE TOTAL					**$ 372,597**

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

The Americans with Disabilities Act

With the passage of the Americans with Disabilities Act in 1990, people with disabilities were, for the first time, assured of access to all programs and services provided by state and local government agencies. Previously, under Section 504 of the Rehabilitation Act of 1973, as amended, only those public entities that receive federal funding were explicitly prohibited from discriminating on the basis of disability. Title II of the Americans with Disabilities Act applies Title I regulations to most public entities and became effective on January 26, 1992.

The Americans with Disabilities Act is divided into five areas, Titles I through V.

Title I- Employment: Title I of the Americans with Disabilities Act prohibits all employers, including government agencies, from discriminatory practices in the hiring, training, advancement, compensation, or discharge of any employee, or in any terms, conditions, and rights of employment.

Title II- Public Services: Title II of the American Disabilities Act, which governs state and local government entities, prohibits all public entities, even those completely independent from federal funding, from discriminating against people with disabilities. Generally, Title II of the Americans with Disabilities Act (ADA) prohibits discrimination by state and local government entities to access and use of “areas of public accommodations” and “public facilities” on the basis of disability.

Title III- Public Accommodations and Commercial Facilities: Title III requires places of public accommodation (privately funded and operated facilities) and commercial facilities that serve the public to be accessible to and usable by people with disabilities.

Title IV- Telecommunications: Title IV covers private telecommunication carriers offering services to the public to increase the availability of interstate and intrastate telecommunication relay services to individuals with hearing and speech impairments.

Title V- Miscellaneous Provisions: Title V contains miscellaneous provisions, including construction standards and practices, provisions for attorneys’ fees, and technical assistance provisions.

Terms such as “Public Entity” and “Governmental Agency” are applicable to Title II entities, which are defined as state and local governments.

The Department of Justice (DOJ) is tasked with enforcement of the ADA.

Scope of Title II

Title II is divided into two subtitles. This discussion focuses only on Subtitle A, which is implemented by the Department of Justice's Title II regulation at 28 C.F.R. § Part 35. Subtitle B covers public transportation and is implemented by the Department of Transportation's regulation. Subtitle B provisions are not applicable to this report, since parks are not a mode of public transportation. The use of the term "Title II" anywhere in the Transition Plan report refers only to Subtitle A.

28 C.F.R. §35.102 Application

(a) Except as provided in paragraph (b) of this section, this part applies to all services, programs, and activities provided or made available by public entities.

(b) To the extent that public transportation services, programs, and activities of public entities are covered by Subtitle B of Title II (42 U.S.C.12141) of the ADA, they are not subject to the requirements of this part.

The obligation to comply with Title II extends to all public entities, including:

- Any state or local government
- Any department, agency, special purpose district, or other instrumentality of a state or local government

All local agencies, including municipalities, are required to comply with Title II because they are considered "instrumentalities" of the state government. All programs, activities, and services of local government, including municipalities, must be in compliance with Title II. Examples of activities covered include:

- The operation of all services and programs offered by the entity;
- All aspects of the employment relationship; and
- Services carried out by contractors.

Title II covers any and all events the local government system offers, for example, any public meetings, entertainment or lecture series, all events offered by the school system including after-school activities and social events, festivals or other special events, and all services provided for the public or staff. Services provided by any private contractors on behalf of the municipal system must also comply fully with relevant provisions of Title II.

Under Title II, a public entity (i.e. governmental agency) shall operate each service, program, or activity so that the service, program, or activity, when viewed in its entirety, is readily accessible to and usable by individuals with disabilities. The local government may not deny the benefits of its programs, activities and services to individuals with disabilities because its facilities are inaccessible.

Public meeting rooms must be accessible to people with disabilities. Buildings where public meetings, services, programs or activities take place must provide access to telephones and restrooms, if provided, for people with disabilities as well as the general public. When a program, service or activity is scheduled in an inaccessible location and a person with a disability notifies the agency of their desire or need to participate, that program, service or activity must be moved to an accessible location.

The government must maintain equipment and features of facilities in working order, if those features and equipment are required to provide ready access to individuals with disabilities. Isolated or temporary interruptions in access due to maintenance and repair of accessible features are not prohibited. For example, where the governmental agency must provide an accessible route, the route must remain accessible and not blocked by obstacles such as furniture, filing cabinets, or potted plants. An isolated instance of placement of an object on an accessible route, however, would not be a violation if the object is promptly removed. Similarly, accessible doors must be unlocked when the governmental agency's offices are open for business.

Mechanical failures in equipment such as elevators or automatic doors will occur from time to time. The obligation to ensure that facilities are readily accessible to and usable by individuals with disabilities would be violated if repairs are not made promptly or if improper or inadequate maintenance causes repeated failures.

However, this does not --

(1) Necessarily require a public entity to make each of its existing facilities accessible to and usable by individuals with disabilities;

(2) Require a public entity to take any action that would threaten or destroy the historic significance of an historic property; or

(3) Require a public entity to take any action that it can demonstrate would result in a fundamental alteration in the nature of a service, program, or activity or in undue financial and administrative burdens. In those circumstances where personnel of the public entity believe that the proposed action would fundamentally alter the service, program, or activity or would result in undue financial and administrative burdens, a public entity has the burden of proving that compliance with 35.150(a) of this part would result in such alteration or burdens. The decision that compliance would result in such alteration or burdens must be made by the head of a public entity or his or her designee after considering all resources available for use in the funding and operation of the service, program, or activity, and must be accompanied by a written statement of the reasons for reaching that conclusion. If an action would result in such an alteration or such burdens, a public entity shall take any other action that would not result in such an alteration or such burdens but would nevertheless ensure that individuals with disabilities receive the benefits or services provided by the public entity.

In summary, Title II requires state, county, and city governments to ensure that all of their programs, services, and activities, when viewed in their entirety, are accessible to people with disabilities. Program access is intended to remove physical barriers to state, county, and city services, programs, and activities, but it generally does not require that a government agency make each facility, or each part of a facility, accessible. For example, all restrooms in a facility may not be accessible. However, signage directing people with disabilities to the accessible features and spaces in a facility, including at least one accessible restroom, should be provided.

Program accessibility may be achieved in a variety of ways. State, county, and city governments may choose to make structural changes to existing facilities to achieve access, or can pursue alternatives to structural changes to achieve program accessibility. For example, governments can move public meetings to accessible buildings, or can relocate services for individuals with disabilities to accessible levels or sections of buildings. When choosing between possible methods of program accessibility, governments must give priority to the choices that offer services, programs, and activities in the most integrated setting appropriate. [28 C.F.R. § 35.149, 35.150, 35.151, 35.163]

Definition of Disability

The ADA stipulates a three-pronged definition of disability. Disability is defined as an individual who:

- Has a physical or mental impairment that substantially limits one or more major life activities; or
- Has a record or history of such an impairment; or
- Is perceived or regarded as having such an impairment;
- Major life activities encompasses activities such as caring for oneself, performing manual tasks, walking, seeing, hearing, speaking, breathing, learning and working. [28 C.F.R. § 35.104]

Human Resources

The ADA requires equal opportunity for the disabled in all areas of employment practices, including the application process, interviewing, testing, hiring, job assignment, evaluation, discipline, medical examinations, compensation, promotion, on-the-job training, layoff/recall, termination, leave and benefits such as health insurance. The non-discrimination requirement applies to the hiring process, as well as employees.

The ADA requires that all employees be provided equal access to benefits, such as health insurance, regardless of disability. However, the regulations also indicate that certain restrictions, such as pre-existing condition waiting periods or caps on particular types of services, such as out-patient physical therapy, are permissible unless proven to be a subterfuge for discrimination.

The ADA requirements for the hiring protocol and all areas of responsibility of the human resources department extend to seasonal workers, workers covered by collective bargaining agreements and works who may be hired through outside agencies. Volunteers, interns or student teachers who may be placed at an agency program or recruiters are not necessarily defined as government employees.

An important factor in the Self-Evaluation process is the identification of unionized employees and the terms of union agreements. For example, the terms of a collective bargaining agreement may include job restructuring or reassignment requests, which may affect seniority provisions. If the granting of requests would create an undue hardship, the Equal Employment Opportunity Commission (EEOC) has the authority to determine on a case-by-case basis whether the claim of undue hardship is valid.

Employment regulations treat alcohol and drug use differently. Alcoholism is recognized as a disability under the ADA; however, employers do not have to tolerate poor work performance due to alcoholism. If a person with alcoholism is provided only one paid leave for treatment of the alcoholism, while persons with different diseases are provided multiple paid leave, then such a provision is a violation of the ADA.

The ADA does not protect an individual currently engaging in the illegal use of drugs. However, a person with a history of drug addiction who (1) has been successfully rehabilitated or is participating in a drug rehabilitation program and (2) is not engaging in the illegal use of drugs is protected if the person is a qualified individual with a disability. An individual who is erroneously regarded as being a drug addict is also protected. [28 C.F.R. § 35.104, 131]

Communications

People who have disabilities that affect hearing, seeing, speaking, reading, writing or understanding may use different ways to communicate than people who do not. Governmental agencies are required to take steps to ensure that the agency's communications with people with disabilities are as effective as communications with others. [28 C.F.R. § 35.160(a)(1)]

This effective communication requirement applies to all members of the public with disabilities, including job applicants, program participants, and even people who simply contact state or local government agencies seeking information about programs, services, events or activities. The requirement applies to all agencies and to all modes of communication including written, spoken, telecommunications, television and video. Specifically, where the governmental agency communicates by telephone with applicants and any other person, text phones (TTY's) or equally effective telecommunications systems are required to be used for individuals who are deaf, hard of hearing, or have speech impairments. [28 C.F.R. § 35.161]

When the government uses an automated-attendant system, including, but not limited to, voice mail and messaging, or an interactive voice response system, for receiving and directing incoming telephone calls, that system must provide for real-time communication with individuals using auxiliary aids and services, including TTY's and all forms of FCC-approved telecommunications relay system, including Internet-based relay systems. [28 C.F.R. § 35.161]

Under 28 C.F.R. § 35.161, the ADA requires that all Public Safety Answering Points (PSAPs) provide direct and equal access to their services for people with disabilities who use text phones (TTYs). All basic emergency services are included in this requirement. Both primary and secondary PSAPs have the same responsibilities under the ADA. To be in compliance, every call-taking position within the PSAP must have its own TTY or TTY-compatible equipment.

Additionally, telephone emergency services, including 911 services, shall provide direct access to individuals who use telecommunication devices for the deaf (TDD's) or computer modems. [28 C.F.R. § 35.162]

The governmental agency must provide equal access to the programs, services and activities available on the agency's website(s). This can include making websites accessible to people with disabilities, or providing an alternative format for people to access the information, programs and services available through the web. In order to aid development of a government website which is accessible, the web administrator can consult the Web Content Accessibility Guidelines, developed by the Web Content Accessibility Working Group, which is part of the World Wide Web Consortium Web Accessibility Initiative, and available at http://www.w3.org/TR/WCAG20.

When an auxiliary aid or service is requested, the Department must provide an opportunity for the requester to specify aids or services of their choice, and that choice must be given primary consideration. There are many types of auxiliary aids and services that may be used to provide effective communication for people with disabilities, but not all ways work for all people or even for people with the same type of disability. The law does not require the agency to provide every one of these aids and services, but it does require that each person who interacts with the agency receives effective communication. [28 C.F.R. § 35.160]

Requirements for an ADA Coordinator

A Title II entity with more than 50 employees must designate an ADA Coordinator who coordinates agency efforts to comply with and carry out the responsibilities of the ADA. The coordinator provides a single point of contact for members of the public about ADA and the agency. In order to ensure that individuals can easily identify the ADA Coordinator, the governmental agency must provide the ADA Coordinator's name, office address, and telephone number to all interested individuals [28 C.F.R. § 35.107].

The ADA Coordinator facilitates compliance with the ADA and provides expertise regarding the American Disability Act and ADA Standards. The ADA coordinator receives and investigates complaints related to discrimination on the basis of disability.

Under 28 C.F.R. § 35.107, a grievance procedure is required for public entities of 50 or more employees. Title II entities are required to adopt and publish grievance procedures providing for prompt and equitable resolution of complaints alleging any action that would be prohibited by 28 C.F.R. § 35.

New Construction and Alterations

A public Title II entity may not deny the benefits of its programs, activities, and services to persons with disabilities because its existing facilities are inaccessible. Thus, it is the general availability of a program to persons with disabilities that must be evaluated, not compliance with facility standards developed for new construction and alterations.

While state and local governments may wish to measure the accessibility of their existing buildings against the scoping and technical provisions in the 2010 Standards, program accessibility may be achieved without making every existing facility - or every part of an existing building - accessible. Alternatives to building retrofit can include the temporary relocation of an activity to an accessible facility or the delivery of the service or benefit by other means. In many cases, however, permanent construction that provides physical access may be the most efficient and economical approach to program access, particularly when life cycle costs are considered.

Although physical changes are required only when there is no other feasible way to make a program accessible, public entities are nevertheless required to give priority to methods that result in the most integrated setting appropriate. The program access obligation is limited: title II entities do not have to take actions that they can demonstrate would result in a fundamental alteration in the nature of a program or that would impose undue financial or administrative burdens.

In compliance with 28 C.F.R. §35.151 (c), if new construction and alterations to a facility were begun prior to September 15, 2010, then the facility or portion of the facility that is affected by the alteration shall comply with the 1991 standards. If new construction and alterations to a facility were begun on or after September 15, 2010, and before March 15, 2012, then either the 1991 standards or the 2010 ADA Standards for Accessible Design are applicable. For all new construction or alterations begun on or after March 15, 2012, the 2010 ADA Standards for Accessible Design are applicable. New construction and alterations must fully comply with all applicable 2010 ADA Standards for Accessible Design if begun on or after March 15, 2012.

The DOJ definition of the commencement of construction is the establishment of a physical object, such as a foundation wall, rather than the groundbreaking first shovel and initial grading of the site.

Existing facilities (including all buildings, exterior facilities, and the on-site access to them) constructed prior to January 26, 1992, and not altered in any way since that date, are held to the lesser standard of complying, with the extent allowed by structural feasibility and the financial resources available, or when a reasonable accommodation can be made.

If the cost of providing a path of travel to an altered facility is more than 20% of the cost of the alteration to the primary function area, then the cost is disproportionate to the overall area and therefore not required. Costs that may be considered as part of the cost of providing an accessible path of travel may include: (1) the costs associated with providing an accessible entrance and an accessible route to the altered area, for example, the cost of widening doorways or installing ramps; (2) costs associated with making restrooms accessible, such as installing grab bars, enlarging toilet stalls, insulating pipes, or installing accessible faucet controls, if the restroom is not the primary function of the area (e.g. the restroom is not in a highway rest area); (3) costs associated with providing accessible telephones, such as relocating the telephone to an accessible height, installing amplification devices, or installing a text telephone (TTY); and (4) costs associated with relocating an inaccessible drinking fountain. [28 C.F.R. § 35.151(b)(4)(iii)]

When the cost of alterations necessary to make the path of travel to the altered area fully accessible is disproportionate to the cost of the overall alteration, the path shall be made accessible to the extent that it can without incurring disproportionate costs. In choosing which accessible elements to provide, priority should be given to those elements that will provide the greatest access, in the following order: (1) an accessible entrance; (2) an accessible route to the altered area; (3) at least one accessible restroom for each sex or a single unisex restroom; (4) accessible telephones; (5) accessible drinking fountains; and (6) when possible, additional accessible elements such as parking storage and alarms. [28 C.F.R. § 35.151(b)(4)(iv)] A series of smaller alterations cannot be used to evade the requirement if the alterations are served by a single path of travel. [28 C.F.R. § 35.151(b)(4)(v)]

Safe Harbor

The 2010 ADA Standards for Accessible Design use the terms incremental change and supplemental change. Incremental changes are those elements which were requirements under the 1991 standards, but which were changed in some way under the 2010 standards. Supplemental changes are those regulations or regulatory areas which were not included in the 1991 standards, but are included in the 2010 standards.

"Safe harbor" is the term used in the 2010 ADA Standards to describe situations where the 2010 incremental changes to the ADA regulations are not required if alterations to the building or facility are not made. Specifically, "safe harbor" applies to a path of travel. "A 'path of travel' includes a continuous, unobstructed way of pedestrian passage by means of which the altered area may be approached, entered, and exited, and which connects the altered area with an exterior approach (including sidewalks, streets, and parking areas), an entrance to the facility and other parts of the facility. "[28 C.F.R. § 35.151(b)(4)(ii)] "An accessible path of travel may consist of walks and sidewalks, curb ramps and other interior or exterior pedestrian ramps; clear floor paths through lobbies, corridors, rooms, and other improved areas; parking access aisles; elevators and lifts; or a combination of these elements. For the purposes of the section the term 'path of travel' also includes the restrooms, telephones and drinking fountains serving the altered area." [28 C.F.R. § 35.151(b)(4)(ii)(B)]

Safe harbor applies only if a building or facility built after July 26, 1992 was compliant with the 1991 standards prior to the enforceable date of the 2010 regulations, which is March 15, 2012. "Safe harbor" is granted to facilities or buildings if and only if the facilities are fully in compliance with the 1991 standards prior to March 15, 2012. However, if alterations are made after March 15, 2012, the alteration of the building or facility must fully comply with the 2010 standards, and any other portions of the existing building or facility that are substantially affected by the alteration in terms of their use, must also comply with the 2010 standards. "Safe harbor" does not apply to areas of supplemental change. For instance, the 2010 standards include regulations for exercise equipment or exercise areas, play areas, recreational boating, mini-golf, swimming pools, bowling, and court sports, but those regulations are not governed by "safe harbor." Other supplemental changes not enumerated here are also not covered by "safe harbor". [28 C.F.R. § 35.151(b)(4)(ii)(c)]
For example, one of the regulated areas where "safe harbor" makes an impact is in a single occupant restroom. The 2010 ADA Standards for Accessible Design require a clear floor space next to the water closet, while the 1991 ADAAG allows the lavatory to overlap the clear space. The intent of the new provisions is to allow space for a side transfer to the water closet. The 2010 ADA Standards allow the door to swing into the bathroom as long as there is a clear floor space past the swing of the door, so that a person can enter the room, shut the door and then maneuver. The 1991 ADAAG does not allow the door swing and the clear floor space to overlap for any of the fixtures. While the 2010 standards do not allow clear space overlap in multi-stall bathrooms, overlap is allowed in single occupant bathrooms.

Undue Burden

A public entity must operate each service, program, or activity so that when viewed in its entirety, the service, program, or activity is readily accessible to and usable by individuals with disabilities. This does not necessarily require the public entity to make each of its facilities accessible to and usable by individuals with disabilities. Additionally, a public entity is not required to take any action that would threaten or destroy the historical significance of an historic property.

If the state or local government agency can demonstrate that an action would result in a fundamental alteration in the nature of a service, program, or activity or in undue financial and administrative burdens, then the decision must be made in a written statement describing the reason for the conclusion, and the decision must be made by the head of the government agency, or his or her designee after considering all resources available for use in the funding and operation of the service, program, or activity. The public entity has the burden of proof that compliance with 28 C.F.R. § 35.151 would result in such alterations or burdens.

If an action would result in a fundamental alteration of the service, program, or activity or in undue financial and administrative burdens, the Title II entity shall take any other action to ensure that individuals with disabilities receive the benefits or services provided by the state or local government agency.

Self-Evaluation Requirements

A Self-Evaluation is a governmental organizations' evaluation of its current services, policies and practices, and all physical facilities. The Self Evaluation comprises three components: 1. Data gather/assessments/internal reviews, etc., 2. The Transition Plan, and 3. Action to make necessary modifications. A government entity is required to conduct a Self-Evaluation within one year of the effective date of 28 C.F.R. § 35.105, the effective date being March 15, 2011. All governments were required to complete a Self-Evaluation of their facilities, programs, policies, and practices by January 26, 1993. The evaluation required by March 15, 2012 is required to cover any and all areas that were not covered under the previous Self-Evaluation, including any programs or facilities that were altered since the previous Self-Evaluation. If a previous self-evaluation was not conducted, then the Self-Evaluation required by March 15, 2012 must include all facilities, services, policies, and practices.

The Self-Evaluation identifies and corrects those policies and practices that are inconsistent with Title II's requirements. Self-Evaluations should consider all of a local government's programs, activities, and services, as well as the policies and practices that a governmental agency has put in place to implement its various programs and services. Remedial measures necessary to bring the programs, policies, and services into compliance with Title II should be specified -- including, but not limited to: (1) relocation of programs to accessible facilities; (2) offering programs in an alternative accessible manner; (3) structural changes to provide program access; (4) policy modifications to ensure nondiscrimination; and (5) auxiliary aids needed to provide effective communication. [28 C.F.R. §§ 35.105, 35.150(d)] The Self-Evaluation process identifies those policies and practices that are inconsistent with the requirements of Title II of the ADA. As part of the Self-Evaluation, the governmental agency is required to:

A. Identify all of its programs, activities, and services.
B. Review all the policies and practices that govern the administration of the governmental agency's programs, activities, and services.
C. Examine each program to determine whether any physical barriers to access exist, including whether individuals with mobility impairments are provided access to public meetings.
D. Review its policies and practices to determine whether any have the effect of excluding or limiting the participation of individuals with disabilities in the governmental agency's programs, activities, or services. The Self-Evaluation should provide justification for any agency policy that creates a barrier for people with disabilities that will not be modified.
E. Review its policies to assess whether communications with persons with disabilities are as effective as its communication with others.
F. Review its policies for responding to requests for accommodations to ensure such requests are responded to expeditiously.
G. Review its employment practices to assess whether they comply with other applicable nondiscrimination requirements, including Section 504 of the Rehabilitation Act and the ADA regulations issued by the Department of Justice.
H. Review its building and construction policies to assess whether construction of each new facility or part of a facility, or alteration of existing facilities, conforms to the standards designated under the Title II regulations.
I. Provide the opportunity to interested persons, including individuals with disabilities or organizations representing individuals with disabilities, to participate in the Self-Evaluation process by submitting comments.

In addition, a public entity that employs 50 or more persons shall for at least three years following completion of the Self-Evaluation maintain on file and make available for public inspection: (1) a list of the interested persons consulted; (2) a description of areas examined and any problems identified, and (3) a description of any modification made.

Transition Plan Requirements

If a state or local government that employs 50 or more persons decides to make structural changes to achieve program access, it must develop a transition plan that identifies those changes and sets a schedule for implementing them. Transition plans must be available to the public.

28 C.F.R. §35.150 (d) Transition plan: (1) In the event that structural changes to facilities will be undertaken to achieve program accessibility, a public entity that employs 50 or more persons shall develop, within six months of the effective date of this part, a transition plan setting forth the steps necessary to complete such changes. A public entity shall provide an opportunity to interested persons, including individuals with disabilities or organizations representing individuals with disabilities, to participate in the development of the transition plan by submitting comments. A copy of the transition plan shall be made available for public inspection.

(2) If a public entity has responsibility or authority over streets, roads, or walkways, its transition plan shall include a schedule for providing curb ramps or other sloped areas where pedestrian walks cross curbs, giving priority to walkways serving entities covered by the Act, including State and local government offices and facilities, transportation, places of public accommodation, and employers, followed by walkways serving other areas.

(3) The plan shall, at a minimum -

(i) Identify physical obstacles in the public entity's facilities that limit the accessibility of its programs or activities to individuals with disabilities;

APPENDIX D
CITY OF REDMOND ADA PROGRAM

AMERICANS WITH DISABILITIES ACT PROGRAM

The U.S. Congress signed the Americans with Disabilities Act (ADA) in 1990, and it went into effect in 1992. The ADA is a civil rights law that prohibits discrimination against individuals with disabilities in access to jobs, public accommodations, government services and programs, public transportation, and telecommunications.

Title I

Title I of the ADA prohibits private employers, state and local governments, employment agencies and labor unions from discriminating against qualified individuals with disabilities in job application procedures, hiring, firing, advancement, compensation, job training, and other terms, conditions, and privileges of employment. The City of Redmond is an Equal Employment Opportunity (EEO) employer and adheres to the requirements of Title I.

Title II

Title II of the ADA adopts the general prohibitions against discrimination contained in Section 504 of the Rehabilitation Act of 1973, but applies to all state and local governments, regardless of whether or not they receive federal funding. It prohibits the City from denying persons with disabilities the equal opportunity to participate in its services, programs or activities, either directly or indirectly through contractual arrangements.

It is the policy of the City of Redmond to make every reasonable effort to provide equal access to all City facilities, services, programs, and activities for citizens with disabilities in accordance with the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973.

Requesting Accommodation

Find out how to request accommodations such as a translator or barrier removal, and how to request that documents and other materials be provided in alternate formats. Learn more about requesting an accommodation.

Filing an Americans with Disabilities Act (ADA) Grievance

If you feel you or another person have been denied access to a City facility, program, service or activity, please send a letter or an email to the Customer Service Desk or file a grievance online.

APPENDIX E
TITLE II ADA COORDINATOR ROLE

TITLE II ADA COORDINATOR ROLE IN STATE AND LOCAL GOVERNMENT

ADA Coordinator's Role

Title II of the ADA requires all state or local government entities with 50 or more employees to appoint a responsible person to coordinate the administrative requirements of ADA compliance and to respond to complaints filed by the public. The name and contact information for the responsible person is required to be publicly advertised. The ADA coordinator can be either a single individual or an office of the ADA Coordinator with more than one staff member, however the Title II requirements dictate that one individual's name be publicized.

[28 C.F.R. § 35.107]: *A Title II entity with more than 50 employees must designate an ADA Coordinator who coordinates agency efforts to comply with and carry out the responsibilities of the ADA. The coordinator provides a single point of contact for members of the public about ADA and the agency. In order to ensure that individuals can easily identify the ADA Coordinator, the governmental agency must provide the ADA Coordinator's name, office address, and telephone number to all interested individuals.*

The ADA Coordinator facilitates compliance with the ADA and provides expertise regarding the American Disability Act and ADA Standards. The ADA coordinator receives and investigates complaints related to discrimination on the basis of disability.

Under 28 C.F.R. § 35.107, a grievance procedure is required for public entities of 50 or more employees. Title II entities are required to adopt and publish grievance procedures providing for prompt and equitable resolution of complaints alleging any action that would be prohibited by 28 C.F.R. § 35.

The drafters of the ADA modeled this position after the 504 Coordinator that had been required under the Rehabilitation Act. Title II of the ADA stipulates five major administrative duties:

1. Publicize the name and contact information of the designated ADA Coordinator responsible to oversee compliance;
2. Administer and write self-evaluation of the programmatic barriers in services offered by the state or local government;
3. Establish a complaint or grievance procedure to respond to complaints of noncompliance from the public;
4. Develop a transition plan if structural changes are necessary for achieving program accessibility; and
5. Retain the self-evaluation for three years.

While additional duties of an ADA Coordinator are not defined by law, the usual duties would require the attention of an experienced professional who can effectively handle a variety of responsibilities. The ADA coordinator should have a general understanding of the ADA and the legal requirements of the ADA. Duties most often include coordination and development of ongoing efforts for full ADA compliance, including administering ADA consultative services to agency/department management.

Other tasks may include:

- involvement in agency/department public outreach;
- developing processes for fulfillment of public requests for alternative formats, interpreting services and other communication access needs;
- coordinating and monitoring programmatic and physical barrier surveys and barrier removal;

- development of the required Transition Plan to remove accessibility barriers;
- assistance to the agency/department to facilitate policy formation and to review existing policies, such as reasonable accommodation for employees.
- establishing training programs for employees, including conducting training.

The following guidance information can be found on the Department of Justice website www.ada.gov.

ADA Best Practices Tool Kit for State and Local Governments- Chapter 2

ADA Coordinator, Notice & Grievance Procedure: Administrative Requirements Under Title II of the ADA

In this section, you will learn about the administrative requirements of Title II of the ADA, including the mandates to designate an ADA coordinator, give notice about the ADA's requirements, and establish a grievance procedure. Questions answered include:

- If the local government has fewer than 50 employees, do different requirements apply?
- What are the responsibilities of an ADA Coordinator?
- What are the benefits of having an ADA Coordinator?
- What are the requirements for providing notice of the ADA's provisions?
- How and where must you provide ADA notices?
- What is a grievance procedure?
- What must an ADA grievance procedure include?

A. Designating an ADA Coordinator

If a public entity has 50 or more employees, it is required to designate at least one responsible employee to coordinate ADA compliance. .[1] A government entity may elect to have more than one ADA Coordinator. Although the law does not refer to this person as an "ADA Coordinator," this term is commonly used in state and local governments across the country and will be used in this chapter.

The ADA Coordinator is responsible for coordinating the efforts of the government entity to comply with Title II and investigating any complaints that the entity has violated Title II. The name, office address, and telephone number of the ADA Coordinator must be provided to interested persons.

Common Question: Which employees count?

If a local government or other public entity has fewer than 50 employees, it is not required to appoint an ADA Coordinator or establish grievance procedures.

The number of employees is based on a government-wide total, including employees of each department, division, or other sub-unit. Both part-time and full-time employees count. Contractors are not counted as employees for determining the number of employees.

For example: Jones City has 30 full-time employees and 20 part-time employees. The employees include ten police department employees and eight fire department employees.

Jones City must have an ADA Coordinator and an ADA grievance procedure. The total number of employees is 50 because both full-time and part-time employees are counted. In addition, the police and fire departments are part of the city-wide employment pool, and the requirements for an ADA Coordinator and an ADA grievance procedure cover both of those departments.

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[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.

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[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.

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[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

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On December 5, 2006, February 27, 2007, May 7, 2007, and July 26, 2007, the Civil Rights Division of the U.S. Department of Justice issued installments of a new technical assistance document designed to assist state and local officials to improve compliance with Title II of the Americans with Disabilities Act (ADA) in their programs, services, activities, and facilities, entitled "The ADA Best Practices Tool Kit for State and Local Governments."

The Tool Kit is designed to teach state and local government officials how to identify and fix problems that prevent people with disabilities from gaining equal access to state and local government programs, services, and activities. It will also teach state and local officials how to conduct accessibility surveys of their buildings and facilities to identify and remove architectural barriers to access.

The first and second installments of the ADA Tool Kit, issued December 5, 2006, include:
About This Tool Kit (HTML) | (PDF)
Chapter 1, ADA Basics: Statutes and Regulations (HTML) | (PDF)
Chapter 2, ADA Coordinator: Notice and Grievance Procedure (HTML) | (PDF)
Chapter 2, Addendum: Title II Checklist (HTML) |
The third and fourth installments, issued February 27, 2007, include:
Chapter 3, General Effective Communication Requirements Under Title II of the ADA (HTML) | (PDF)
Chapter 3, Addendum: Title II Checklist (HTML) | (PDF)
Chapter 4, 9-1-1 and Emergency Communications Services (HTML) | (PDF)
Chapter 4, Addendum: Title II Checklist (HTML) | (PDF)
The fifth and sixth installments, issued May 7, 2007, include:
Chapter 5, Website Accessibility Under Title II of the ADA (HTML) | (PDF)
Chapter 5, Addendum: Title II Checklist (HTML) | (PDF)
Chapter 6, Curb Ramps and Pedestrian Crossings (HTML) | (PDF)
Chapter 6, Addendum: Title II Checklist (HTML) | (PDF)
Appendix 1, Survey Instructions: Curb Ramps (HTML) | (PDF)
Appendix 2, Survey Forms: Curb Ramps (HTML) | (PDF)
The seventh installment of the Tool Kit, issued July 26, 2007, includes:
Chapter 7, Emergency Management under Title II of the ADA (HTML) | (PDF)

Chapter 7, Addendum 1: Title II Checklist (Emergency Management) (HTML) | (PDF)

Chapter 7, Addendum 2:The ADA and Emergency Shelters: Access for All in Emergencies and Disasters (HTML) | (PDF)

Chapter 7, Addendum 3: ADA Checklist for Emergency Shelters (HTML) | (PDF)

Introduction to Appendices 1 and 2 (HTML) | (PDF)

While state and local governments are not required to use the ADA Best Practices Tool Kit, the Department encourages its use as one effective means of complying with the requirements of Title II of the ADA.

APPENDIX F
CITY OF REDMOND WEBSITE

ADAScan βeta

Accessibility results for WWW.REDMOND.GOV

These results highlight opportunities to improve the accessibility of this web page. Only a subset of accessibility issues can be automatically detected so manual investigation is also encouraged.

We ran 69 checks, results are divided into four categories:

- 38 checks have passed.
- 24 checks do not apply to this URL.
- 6 checks should be corrected. (See below.)
- 1 check should be manually reviewed. (See below.)

We recommend you correct the following:

1. **Elements must have sufficient color contrast**
    - **Impact:** Serious
    - **HTML identified by this check:**
      Read On...

2. **Form elements should have a visible label**
    - **Impact:** Serious
    - **HTML identified by this check:**
      <input autocomplete="off" type="text" size="10" class="gsc-input" name="search" title="search" id="gsc-i-id1" placeholder="Custom Search" dir="ltr" spellcheck="false" style="width: 100%; padding: 0px; border: none; margin: 0px; height: auto; background: url("https://www.google.com/cse/static/images/1x/googlelogo_lightgrey_46x16dp.png") left center no-repeat rgb(255, 255, 255); text-indent: 48px; outline: none;" aria-label="Custom Search" data-ae-blurbtype="input" data-ae-form-field="true">

3. **Form elements must have labels**
    - **Impact:** Critical
    - **HTML identified by this check:**
      <input type="email" name="email" id="email" placeholder="Your Email Address" aria-label="Your Email Address" data-ae-blurbtype="input" data-ae-form-field="true">

4. **Page must not have more than one content info landmark**
    - **Impact:** Moderate

- **HTML identified by this check:**
  <html lang="en" class=" js no-flexbox canvas canvastext webgl no-touch geolocation postmessage websqldatabase indexeddb hashchange history draganddrop websockets rgba hsla multiplebgs backgroundsize borderimage borderradius boxshadow textshadow opacity cssanimations csscolumns cssgradients cssreflections csstransforms csstransforms3d csstransitions fontface generatedcontent video audio localstorage sessionstorage webworkers applicationcache svg inlinesvg smil svgclippaths">

5. **Page must contain a level-one heading**
   - **Impact:** Moderate
   - **HTML identified by this check:**
     <html lang="en" class=" js no-flexbox canvas canvastext webgl no-touch geolocation postmessage websqldatabase indexeddb hashchange history draganddrop websockets rgba hsla multiplebgs backgroundsize borderimage borderradius boxshadow textshadow opacity cssanimations csscolumns cssgradients cssreflections csstransforms csstransforms3d csstransitions fontface generatedcontent video audio localstorage sessionstorage webworkers applicationcache svg inlinesvg smil svgclippaths">

6. **All page content must be contained by landmarks**
   - **Impact:** Moderate
   - **HTML identified by this check:**
     <html lang="en" class=" js no-flexbox canvas canvastext webgl no-touch geolocation postmessage websqldatabase indexeddb hashchange history draganddrop websockets rgba hsla multiplebgs backgroundsize borderimage borderradius boxshadow textshadow opacity cssanimations csscolumns cssgradients cssreflections csstransforms csstransforms3d csstransitions fontface generatedcontent video audio localstorage sessionstorage webworkers applicationcache svg inlinesvg smil svgclippaths">

We recommend you manually review the following:

1. **Elements must have sufficient color contrast**
   - **Impact:** Serious
   - **HTML identified by this check:**
     Our Stories. Our Redmond.

APPENDIX G
DISABILITY ETIQUETTE

DISABILITY ETIQUETTE

Everyone appreciates the use of appropriate etiquette. A basic understanding of disability etiquette can help make both the public and employees feel more comfortable when interacting with those who may have disabilities. Knowledge of disability etiquette in advance can help prevent awkward situations. Good disability etiquette can also help organizations serve their customers more effectively.

Disability etiquette refers to respectful communication and interaction with people who have disabilities. The principles of disability etiquette are simple. First and foremost, rely on common sense to guide your interactions with people with disabilities. Behave in the same courteous and respectful way with individuals with disabilities that you would with anyone else. Some points which will help ensure that staff use appropriate disability etiquette are:

Disability Language

Use language which recognizes that individuals are more than their disabilities. Rather than defining people primarily by their disability, use language which conveys respect by emphasizing the fact that people with disabilities are first and foremost a person like any other. Staff should use respectful language when communicating about disability issues, whether verbally or in writing.

It is important to note that in a few cases some people with disabilities may choose to use “disabled identity” language such as “disabled” or “autistic” when discussing themselves. However, how and when a person chooses to self-identify is up to them. The staff person with whom they are interacting should not repeat and emphasize the disabled identity term, but rather can continue to use language which could be applied to any person in general.

The terms “handicapped” and “wheelchair bound” are not acceptable terms to use today. Handicapped is a broad term that connotes helplessness, and the term “disabled” is more widely accepted. Wheelchairs allow freedom and mobility, rather than bind users to the chair. Therefore, “wheelchair user” or “wheelchair accessible” are more appropriate terms to use.

Positive and Current Phrases for Disabilities	**Negative Phrases for Disabilities**
Person with an intellectual, cognitive, or developmental disability	Retarded Mentally defective
Person who is blind Person who is visually impaired	The blind
Person with a disability	The disabled Handicapped
Person who is deaf	The deaf Deaf and dumb
Person who is hard of hearing	Suffers a hearing loss
Person with multiple sclerosis	Stricken/Afflicted by MS
Person with cerebral palsy	CP victim
Person with epilepsy Person with a seizure disorder	Epileptic

Wheelchair user Person who uses a wheelchair	Wheelchair bound Confined to a wheelchair
Person with muscular dystrophy	Stricken/Afflicted by MD
Person with a physical disability	Crippled Lame Deformed
Person who is unable to speak Person who uses synthetic speech	Dumb 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/disetiq.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.