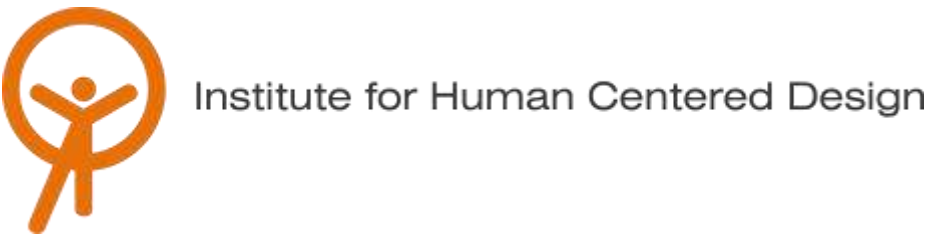


Central Fire Station



City of Everett ADA Transition Plan

June 2018



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Central Fire Station

Year Built: 1908

Background

The Central Everett Fire Station is a two story building located at 384 Broadway. Public programs offered at the facility include: tours of the fire station by girl scouts and cub scouts and safe haven drop off. The second level has a fire prevention administrative office where the public needs to go to get fire permits, investigative reports and car fire reports. It is the only location in Everett for these services. The only routes between the first and second floor are a non-compliant set of stairs and a fire pole. Due to a step, and lack of adequate clear width at doorways, there is no accessible entrance to the facility besides the main garage doors. There is no parking lot for the facility.

Key Accessibility Issues

Entrance

There is a six inch step leading to the main exit and emergency exit of the fire house. Staff said that they need to open the garage door if someone using a wheelchair needs to get in. In addition along this route there are storm drains with openings greater than 1/2" along the path of travel and a protruding object. Drainage should be taken into account when making this entrance accessible. One possibility would be to install a temporary perforated metal ramp, but it would have to be designed so that it does not block the emergency exit along the way. Another possibility could be to provide an accessible entrance on the northwest side of the building. The entrance and emergency exit doors should be widened to have 32" clear width minimum.

Second Floor Programs

Due to space considerations, safety issues and building deterioration, it makes more sense to relocate programs on the

second floor to an accessible location than to install an elevator in this facility.

Toilet Rooms

If second floor services are relocated, then the second floor toilet room does not need to be made fully compliant.

The toilet room on the first floor should be made compliant for visitors. Currently it is only 51 inches wide and it lacks the turning space, and adequate clear floor space at the toilet. No grab bars are provided and accessories are located beyond the reach range. The door lacks a clear width of 32 inches and there is no designation signage provided.

Additional Accessibility Issues





- Noncompliant egress and designation signage throughout the building.
- The service counter is located higher than 36 inches above finish floor.

Order of Magnitude Cost Estimates



- Exterior routes: \$8,559
- Exterior metal ramp to entrance: \$2,800
- Entrance and exit accessibility: \$6,426
- Signage (egress and designation): \$348
- Toilet room renovations: \$8,192
- Toilet room door width: \$1,116
- Miscellaneous corrective actions (service counter): \$440

Total: \$ 27,881





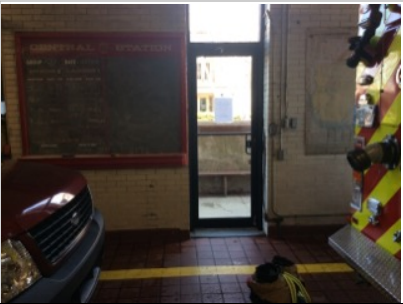
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ID	Location	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation	
Pedestrian Access Routes											
Walking Surface											
1	School St. to Broadway	Walking Surface	Sidewalk		Running slope > 1:20 (5.00%) Cross slope > 1:50 (2.00%) Beveled changes in level > 1/2"	6.7% 7.6% 2"	Reduce running slope to be no steeper than 1:20 (5.0%). Reduce cross slope to be no steeper than 1:50 (2.00%). Alter surface so that bevel height is 1/4" min.	1	448	\$448	
Street Crossing											
2	School St. and Corey St.	Street Crossing	N/A		Surface not stable, firm, and slip-resistant	-	Repair surface.	1	103	\$103	
Curb Ramps and Blended Transitions											
Diagonal Curb Ramp											
3	School St. and Corey St.	Diagonal Curb Ramp	N/A		Running slope > 1:12 (8.33%) Detectable warning not provided	13.5% -	Provide a detectable warning on the curb ramp. Reduce running slope to be no steeper than 1:12 (8.33%).	1	1405	\$1405	
Perpendicular Curb Ramp											
4	School St. and Corey St.	Perpendicular Curb Ramp	N/A		Running slope is > 1:12 (8.33%) Transition from curb ramp to street is not flush Detectable warning not provided	11% 1" -	Reduce running slope to be no steeper than 1:12 (8.33%). Ensure transition from curb ramp to street is flush or free of changes in level. Provide a detectable warning on the curb ramp.	2	1490	\$2980	



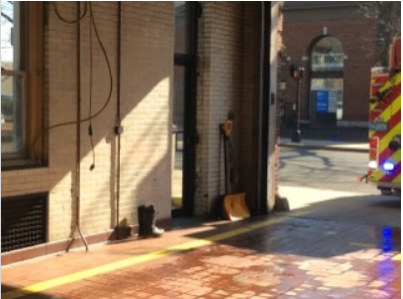

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ID	Location	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation	
5	Broadway	Perpendicular Curb Ramp	N/A		Landing > 1:50 (2.00%) Detectable warning not provided	5.2% -	Reduce slope to be no steeper than 1:50 (2.00%). Provide a detectable warning on the curb ramp.	2	303	\$606	
6	Broadway and Corey St.	Perpendicular Curb Ramp	N/A		Surface not stable, firm and slip-resistant Detectable warning not provided	- -	Repair surface. Provide a detectable warning on the curb ramp.	1	283	\$283	

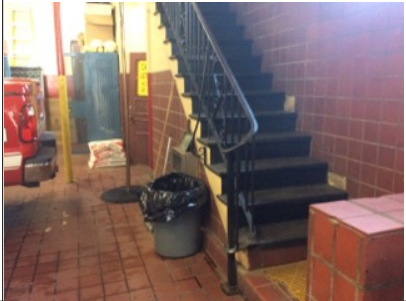



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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
7	Route to Entrance Door	1		Exterior Access Route	Walkway		Obstructed by protruding objects	8"	Relocate mailbox.	1	Labor	\$0
8	Route to Entrance Door	1		Exterior Access Route	Walkway		Surface openings > 1/2"		Replace or reposition so that openings are 1/2" max. and the long opening dimension is perpendicular to the dominant direction of travel.	1	1367	\$1367
9	Step Leading to Entrance and Exit Doors	1		Exterior Access Route	Walkway		Surface openings > 1/2"		Replace or reposition so that openings are 1/2" max. and the long opening dimension is perpendicular to the dominant direction of travel.	1	1367	\$1367
10	Step Leading to Entrance and Exit Doors	1		Exterior Access Route	Walkway		Level changes > 1/4"	6.5"	Alter change in level to be 1/4" high max. Consider installing a temporary metal ramp to provide an accessible entry route to the building. (Cost is for a 7' perforated metal ramp with a 5' x 5' platform courtesy of Amramp). N.B.: It is crucial that drainage be addressed with this design.	1	2800	\$2800
Entrance												
11	Main Entrance with Bell	1		Entrance	Main Entrance		Entrance not on an accessible route Clear width at door is < 32"	- 29"	Widen the door so that there is 32" min. clear width.	1	1683	\$1683


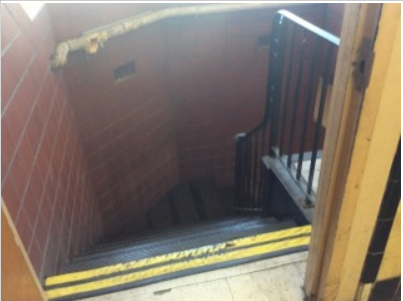

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Emergency Exit												
12	Exit by Truck Door	1		Emergency Exit	N/A		Emergency exit not on an accessible route Clear width at door < 32" Maneuvering clearance not provided at recess > 8"	3.4" 29" 12"	Widen the door so that there is 32" min. clear width. Install an automatic door opener. Try to address the 3.4" change in level at the door with the exterior ramp described previously.	1	3213	\$3213
13	Main Entrance with Bell	1		Emergency Exit	N/A		Emergency exit not on an accessible route Maneuvering clearance not provided at recess > 8"	- 12"	Install an automatic door opener.	1	1530	\$1530
Access to Goods and Services												
Interior Access Route												
14	Accessible Entrance Circulation Route	1		Interior Access Route	N/A		Route < 36" wide	26"	Ensure that a clear width of 36" min. is maintained at the accessible route. Currently the only accessible route in is by way of the fire door but when a truck is parked here the route narrows to 26" clear.	1	Labor	\$0
Doors, Doorways, & Gates												
15	Toilet Room	1		Doors, Doorways, & Gates	Toilet Room		Clear width at door < 32"	30"	Use offset hinges to widen the door so that there is 32" min. clear width.	1	1116	\$1116

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Stairways												
16	Stair	1		Stairways	Interior		Handrails have non-compliant cross section Handrails not continuous where required		No accessible route to Level 2. Relocate public programs and services to an accessible location.	1	-	\$0
Signage												
17	Toilet Room	1		Signage	Designation		Not provided Raised characters not provided Braille not provided		Locate signage alongside the door on the latch side. Provide text with raised characters duplicated in braille.	1	116	\$116
18	Main Entrance with Bell	1		Signage	Egress		Raised characters not provided Braille not provided	-	Provide text with raised characters duplicated in braille.	2	116	\$232
Service Counter												
19	Service Counter	1		Service Counter	N/A		Counter > 36" high	40"	Provide a counter that is 36" max. above the ground or finish floor.	1	440	\$440
Toilet & Bathing Rooms												

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Overall Access												
20	Toilet Room	1		Overall Access	Toilet Room		Turning space not provided Accessible plumbing fixtures or stalls not provided Dispensers not within reach range Audible and visible alarms not provided	51"	Redo toilet room to provide turning space. Provide one accessible wheelchair stall or add an accessible single-user toilet room. Lower dispensers to 42" max. above the floor. When fire system is updated, ensure that a visible and audible fire alarm is installed.	1	8192	\$8192
Overall Review												
21	Exit to Stair	2							Route to second floor office is dangerous. Stairs from Level 2-1 lack handrails and a level platform at the door.	1		\$0
Best Practice												
22	Route From Entrance Door to Sidewalk	1					Best Practice		Provide exterior lighting to this part of the fire station during the night.	1		\$0