

Site Accessibility Evaluation

Americans with Disabilities Act Title II (Public Services: State and Local Government)



Fire Station 3

**922 W Colorado Ave
Colorado Springs, CO
80905**

Accessibility Evaluation

*Inspection Date: 01/10/2017
Inspector: Michael Killebrew,
Anna Kangas*

Prepared By



OLYMPIC CITY USA

(719) 385 - 5175

<https://coloradosprings.gov/>

TO: CSFD

FROM: Robert L. Hernandez

DATE: May 31, 2019

SUBJECT: Fire Station 3 Self-Evaluation

1. On January 10, 2017, Mr. Michael Killebrew, Title II ADA/Section 504 Coordinator performed a Title II - Americans with Disabilities Act (ADA), Self-Evaluation. This evaluation was in accordance with 1991/2010 ADA Standards for Accessible Design. The facility was re-evaluated on May 2, 2019 with the assistance of Anna Kangas, Architect/Title II ADA/Section 504 Coordinator.

2. Priorities for accessibility are assigned in accordance with the ADA Checklist for Existing Facilities. The checklist follows the four priorities listed in the Department of Justice ADA Title III regulations. These priorities are equally applicable to state and local government facilities:

Priority 1 - Accessible approach and entrance

Priority 2 - Access to goods and services

Priority 3 - Access to public toilet rooms

Priority 4 - Access to other items such as water fountains and public telephones

3. Corrective actions to findings were/will be submitted for corrective action through the city maintenance work request system and Transition Plan. Note: Recommended corrections in some cases where needed will be modified when appropriate. Corrections are developed in consideration of the "Program Access" provisions of Title II, where applicable.

4. A copy of this report will be maintained in the Office of Accessibility.

City of Colorado Springs Title II ADA/Section 504 – Manager
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Colorado Springs, CO 80903
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Atch 1. City of Colorado Springs, ADA Self-Evaluation Report

Sincerely,



Robert Hernandez

Exterior - Parking

Lat: 38.8349064000, Long: -104.8409100000

Finding: 1

There are no accessible parking stalls. The parking lot serves the fire department personnel. There is not an accessible route to the rear entrance of the fire station.

Each lot where parking is provided for the public as clients, guests or employees, shall provide accessible parking and shall be located on the shortest accessible route of travel from adjacent parking to an accessible entrance.

2010 ADAS Section 208.2

Parking spaces complying with 502 shall be provided in accordance with Table 208.2 except as required by 208.2.1, 208.2.2, and 208.2.3. 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.

Citation:

2010 ADAS Section: 208.2

As Built:

The parking lot only has 6 spaces and none are designated as accessible.

Recommendation:

Keep the parking lot for fire department personnel only. Install a sign indicating the accessible entrance is in front. Consider adding an accessible space on the street.

The lot is signed for "Fire Dept Parking Only". Add another sign at parking entrance as this small sign is hard to see.

Barrier Priority:

1 (High): Should be completed immediately. (Includes findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat)

Department:

CSFD

Finding #1 Continued



Total Number of Parking Spaces Provided in Parking Facility	Minimum Number of Required Accessible Parking Spaces
1 to 25	1
26 to 50	2
51 to 75	3
76 to 100	4
101 to 150	5
151 to 200	6
201 to 300	7
301 to 400	8
401 to 500	9
501 to 1000	2 percent of total
1001 and over	20, plus 1 for each 100, or fraction thereof, over 1000

COMPLIANT

Finding #1 Additional Finding Photos



Finding 184231 Additional Photo



Finding 184231 Additional Photo



Finding 184231 Additional Photo

COMPLIANT

Exterior - Accessible Routes

Lat: 38.8349064000, Long: -104.8409100000

Finding: 2

The rear entrance may only be accessed by 2 steps, totalling 14".

This path of travel requires crossing a drainage grate with holes greater than 1/2" in the path of travel.

The walkway contains abrupt vertical edges and/or variations over a 1/4 inch.

1/4 inch is the maximum vertical rise. Changes in level between 1/4 inch and 1/2 inch must be beveled at 1:2 or less.

Changes in level greater than 1/2 inch must be by way of a ramp.

2010 ADAS Section 303.3

Changes in level between 1/4 inch (6.4 mm) high minimum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.

2010 ADAS Section 303.2

Changes in level of 1/4 inch (6.4 mm) high maximum shall be permitted to be vertical.

Citation:

2010 ADAS Section: 303.3, 303.2

As Built:

The rear entrance is not accessible.

Recommendation:

Leave as is, and install signage indicating the front entrance is the accessible entrance.

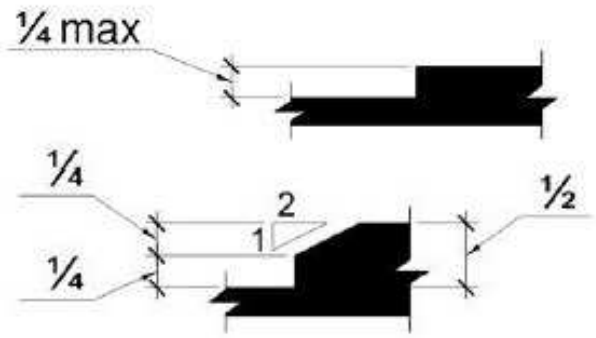
Barrier Priority:

2 (Important): Should be completed as soon as possible. (Includes findings that would remove barriers to the greatest number of people to your goods and services)

Department:

CSFD

Finding #2 Continued



Exterior - Accessible Routes

Lat: 38.8349064000, Long: -104.8409100000

Finding: 3

The accessible route of travel between the building and the public way on the site contains cross slopes greater than 2%. The cross slope is up to 6.1% in 11 concrete panels. The sidewalk is 4'-0" wide.

Surface cross slopes shall not exceed one unit vertical in 48 units horizontal (2-percent slope). When the slope in the direction of travel of any walk exceeds 1 unit vertical in 20 units horizontal (5-percent slope), it must be constructed as ramp.

2010 ADAS Section 403.3

The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48.

Citation:

2010 ADAS Section: 403.3

As Built:

The sidewalk to the front entrance has cross slopes up to 4%.

Recommendation:

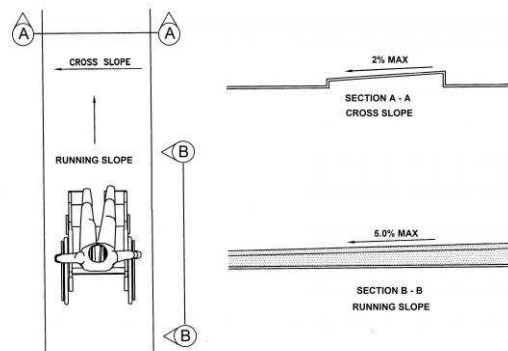
Remove and replace approximately 11 concrete panels as needed.

Barrier Priority:

1 (High): Should be completed immediately. (Includes findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat)

Department:

CSFD



Finding #3 Additional Finding Photos



Finding 184233 Additional Photo



Finding 184233 Additional Photo

Exterior - Accessible Routes

Lat: 38.8349064000, Long: -104.8409100000

Finding: 4

The concrete expansion joint is spaced greater than a 1/2 inch. Four concrete panels are affected.

Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.

2010 ADAS Section 302.3

Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch (13 mm) diameter except as allowed in 407.4.3, 409.4.3, 410.4, 810.5.3 and 810.10. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.

Citation:

2010 ADAS Section: 302.3

As Built:

The sidewalk to the front entrance has 1/2" gaps.

Recommendation:

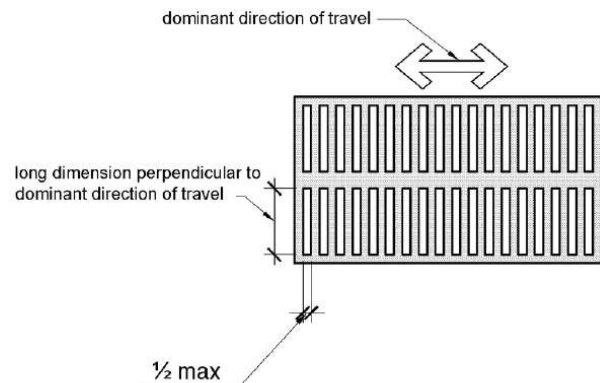
Replace the concrete panels.

Barrier Priority:

1 (High): Should be completed immediately. (Includes findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat)

Department:

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Finding #4 Additional Finding Photos



Finding 184234 Additional Photo

Exterior - Accessible Routes

Lat: 38.8349064000, Long: -104.8409100000

Finding: 5

The curb ramp on the accessible route contains cross slopes greater than 2%.

Another issue is that it lacks detectable warnings.

Surface cross slopes shall not exceed one unit vertical in 48 units horizontal (2-percent slope). Where a raised pedestrian street crossing, depressed corner, or similar connection between the pedestrian access route at the level of the sidewalk and the level of the pedestrian street crossing that has a grade of 5 percent or less is provided detectable warning the full width and 24 inches in the direction of travel must be installed.

2010 ADAS Section 405.3

Cross slope of ramp runs shall not be steeper than 1:48.

Citation:

2010 ADAS Section: 405.3

As Built:

The cross slope of the landing at the top of the curb ramp is 3.1%.

Recommendation:

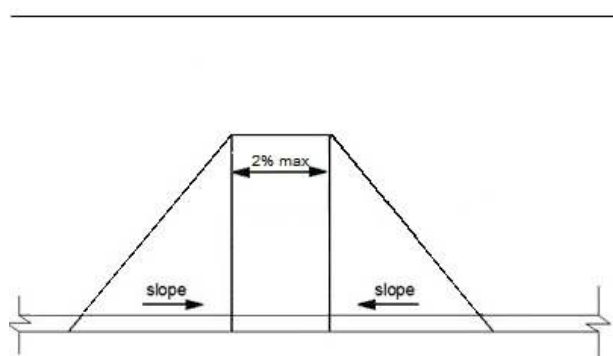
Replace curb ramp and landing

Barrier Priority:

1 (High): Should be completed immediately. (Includes findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat)

Department:

CSFD



Exterior - Accessible Routes

Lat: 38.8349064000, Long: -104.8409100000

Finding: 6

The accessible path of travel contains cross slopes greater than 2%.

Surface cross slopes shall not exceed one unit vertical in 48 units horizontal (2-percent slope). When the slope in the direction of travel of any walk exceeds 1 unit vertical in 20 units horizontal (5-percent slope), it must be constructed as ramp.

2010 ADAS Section 403.3

The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48.

Citation:

2010 ADAS Section: 403.3

As Built:

The cross slope of the accessible route in the driveway is up to 7.5%.

Recommendation:

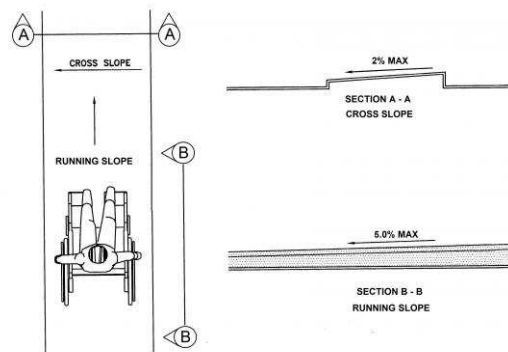
Remove and replace the paving as much as feasible to try to obtain maximum 2% cross slope.

Barrier Priority:

1 (High): Should be completed immediately. (Includes findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat)

Department:

CSFD



Exterior - Accessible Routes

Lat: 38.8349064000, Long: -104.8409100000

Finding: 7

The accessible route contains running slopes greater than 5 percent across the width of the walk and has not been constructed as a ramp (i.e. handrails, wheel guides, etc.). The driveway has running slope up to 6.3%.

When the slope in the direction of travel of any walk exceeds 1 unit vertical in 20 units horizontal (5-percent slope), it must be constructed as ramp. Surface cross slopes must not exceed one unit vertical in 48 units. Horizontal (2-percent slope).

2010 ADAS Section 403.3

The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48.

Citation:

2010 ADAS Section: 403.3

As Built:

There is not an accessible route from the public way to the front entrance.

Recommendation:

Create an accessible route from the sidewalk to the entry of the building. It either needs to be angled to create an accessible route under 5% or we need a ramp with provisions if adjacent to the driveway.

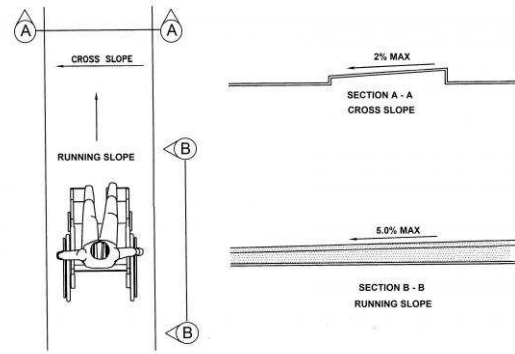
Barrier Priority:

1 (High): Should be completed immediately. (Includes findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat)

Department:

CSFD

Finding #7 Continued



Exterior - Entrance

Lat: 38.8349064000, Long: -104.8409100000

Finding: 8

The door bell is small and difficult to see.

Compliant room identification signs are missing on the strike side of the door.

Wall signs identifying permanent rooms and spaces of a building shall be in a horizontal format and the characters raised 1/32 inch minimum and shall be sans serif uppercase characters a minimum of 5/8 inch and a maximum of 2 inches high. Contracted Grade 2 Braille shall be in a horizontal format and shall be placed a minimum of 3/8 inch and a maximum of 1/2 inch directly below the tactile characters; flush left or centered. Dots shall be 1/10 inch on center in each cell with 2/10-inch space between cells, measured from the second column of dots in the first cell to the first column of dots in the second cell. Dots shall be raised a minimum of 1/40 inch above the background. Braille dots shall be domed or rounded. Signs with raised characters or Braille shall be located 48 inches minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60 inches maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character.

2010 ADAS Section 216.2

Interior and exterior signs identifying permanent rooms and spaces shall comply with 703.1, 703.2, and 703.5. Where pictograms are provided as designations of permanent interior rooms and spaces, the pictograms shall comply with 703.6 and shall have text descriptors complying with 703.2 and 703.5.

2010 ADAS Section 703.4.2

Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18 inches (455 mm) minimum by 18 inches (455 mm) minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position.

Citation:

2010 ADAS Section: 216.2, 703.4.2

As Built:

There is not a sign at the door bell.

Recommendation:

Add signage.

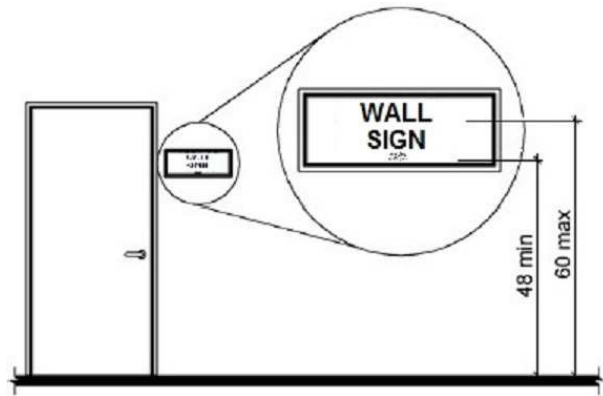
Barrier Priority:

2 (Important): Should be completed as soon as possible. (Includes findings that would remove barriers to the greatest number of people to your goods and services)

Department:

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Finding #8 Continued



Exterior - Entrance

Lat: 38.8349064000, Long: -104.8409100000

Finding: 9

The threshold has a vertical change greater than 1/4 inch high.

The threshold at a doorway shall be no higher than 1/2 inch. Changes in level between 1/4 inch and 1/2 inch must be beveled at 1:2 or less. 1/4 inch is the maximum vertical rise.

2010 ADAS Section 404.2.5

Thresholds, if provided at doorways, shall be 1/2 inch (13 mm) high maximum. Raised thresholds and changes in level at doorways shall comply with 302 and 303.

Citation:

2010 ADAS Section: 404.2.5

As Built:

The threshold at the front door has a lip ranging from 1/4" to 3/8".

Recommendation:

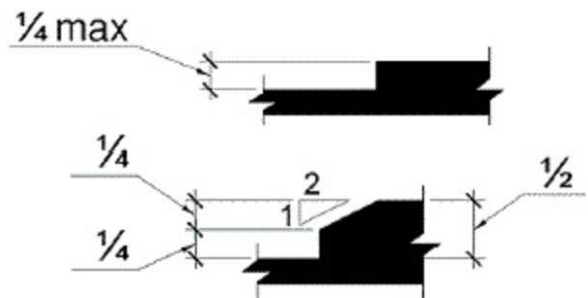
Explore method to level out the threshold.

Barrier Priority:

1 (High): Should be completed immediately. (Includes findings that have little or no cost, were in violation of the codes at the time of construction, or pose an imminent safety threat)

Department:

CSFD



Interior - General

Lat: 38.8349064000, Long: -104.8409100000

Finding: 10

The restrooms are not accessible.

The owner or owners representative indicated that no public restrooms were available, however there was a non compliant restroom labeled as accessible and available to the public. If the restroom is desired to be an employee only restroom, it is recommended that the door be locked, the signs be removed and replaced with a new sign that that sates "employees only" or "private area". Any future improvements may be required under Title I of the ADA for work place reasonable accommodations.

Bathing and toilet facilities that serve buildings, facilities or portions of buildings or facilities that are required by these standards to be accessible to persons with disabilities, shall be on an accessible route.

2010 ADAS Section 213.1

Where toilet facilities and bathing facilities are provided, they shall comply with 213. Where toilet facilities and bathing facilities are provided in facilities permitted by 206.2.3 Exceptions 1 and 2 not to connect stories by an accessible route, toilet facilities and bathing facilities shall be provided on a story connected by an accessible route to an accessible entrance.

Citation:

2010 ADAS Section: 213.1

As Built:

The restrooms are not accessible.

Recommendation:

Add signage indicating the restrooms are for employee use, and are not accessible.

Barrier Priority:

2 (Important): Should be completed as soon as possible. (Includes findings that would remove barriers to the greatest number of people to your goods and services)

Department:

CSFD

