

Site Accessibility Evaluation

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



Fire Station 2

**314 E San Miguel St
Colorado Springs, CO
80903**

Accessibility Evaluation

***Inspection Date: 02/14/2017
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 2 Self-Evaluation

1. On February 14, 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 April 29, 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
30 S. Nevada Ave, Suite 301
Colorado Springs, CO 80903
robert.hernandez@coloradosprings.gov

Atch 1. City of Colorado Springs, ADA Self-Evaluation Report

Sincerely,



Robert Hernandez

Exterior - Accessible Routes

Lat: 38.8521693000, Long: -104.8181478000

Finding: 1

These three concrete pads have vertical displacement up to 1/2" due to fracturing in the concrete. The fracturing is also causing cross slopes up to 3.2%.

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:

Three concrete pads are in disrepair.

Recommendation:

Remove and replace the concrete.

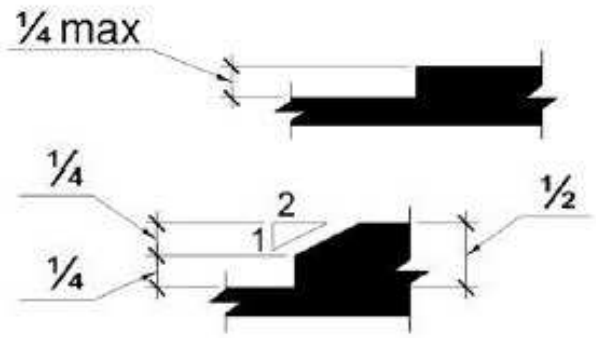
Barrier Priority:

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



Finding #1 Additional Finding Photos



Finding 184223 Additional Photo

Exterior - Accessible Routes

Lat: 38.8521693000, Long: -104.8181478000

Finding: 2

The sidewalk has a 1-1/2" wide by 7" long by 1/2" deep gap in the concrete.

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 walkway has a gap in the concrete.

Recommendation:

Remove and replace a portion of the panel or this pad.

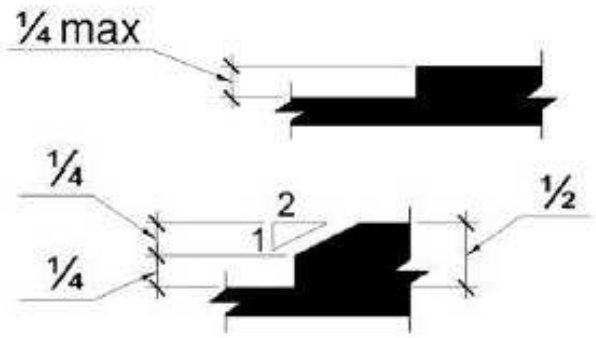
Barrier Priority:

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 #2 Continued



Exterior - Accessible Routes

Lat: 38.8521693000, Long: -104.8181478000

Finding: 3

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 sidewalk has vertical displacement up to 1".

Recommendation:

Grind the area to less than 1/2" or replace due to vertical displacement and cross slope.

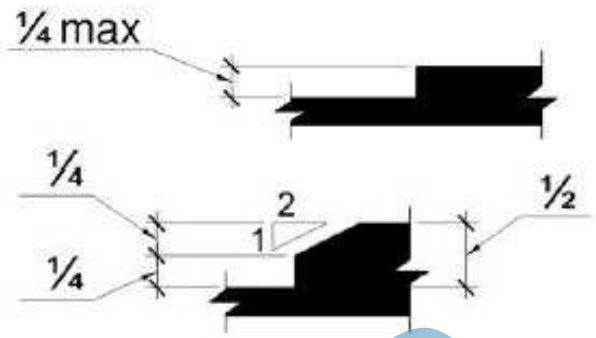
Barrier Priority:

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

Finding #3 Continued



CORRECTED

Finding #3 Additional Finding Photos



Finding 184225 Additional Photo

CORRECTED

Exterior - Accessible Routes

Lat: 38.8521693000, Long: -104.8181478000

Finding: 4

The accessible route of travel on the walk or sidewalk contains cross slopes greater than 2%.

Cross slopes shall 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:

The cross slope of the accessible route within the driveway is up to 3%.

Recommendation:

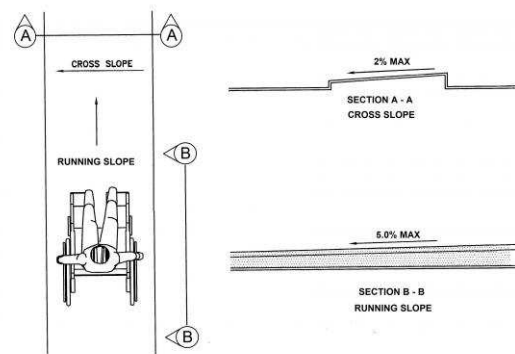
Remove and replace panels as feasible to create a pedestrian access route.

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: 38.8521693000, Long: -104.8181478000

Finding: 5

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

In addition to the vertical displacement between the concrete and flagstone, the joints in the flagstone are deteriorating.

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:

There is 1/2" vertical displacement between the concrete and the flagstones.

Recommendation:

Explore methods of filling the joints in flagstone and reducing the vertical displacement between the materials or simply tear out and replace.

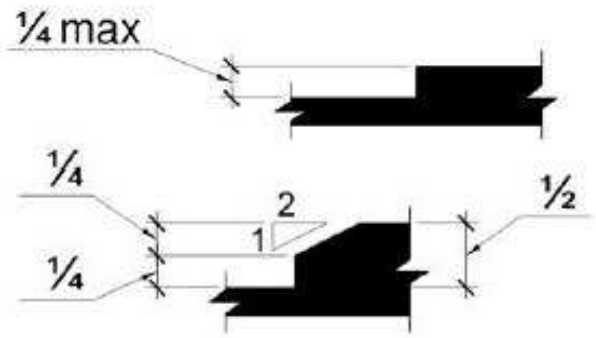
Barrier Priority:

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 #5 Continued



Exterior - Entrance

Lat: 38.8521693000, Long: -104.8181478000

Finding: 6

The door has a door stop which prevents it from having a smooth surface at the bottom.

Swinging door surfaces within 10 inches of the finish floor or ground measured vertically must have a smooth surface on the push side extending the full width of the door. 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. This is required to allow those that use wheelchairs to use their footrests to push the door open without getting trapped or injured by the gate material. All gates, including ticket gates, shall meet all applicable specifications for doors.

2010 ADAS Section 404.2.10

Swinging door and gate surfaces within 10 inches (255 mm) 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 (1.6 mm) of the same plane as the other. Cavities created by added kick plates shall be capped.

Citation:

2010 ADAS Section: 404.2.10

As Built:

The front door has a door stop.

Recommendation:

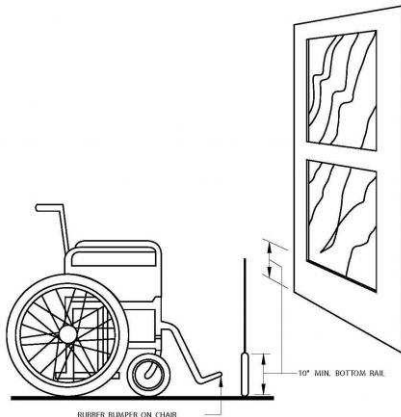
Replace the door stop with a different hold open device that does not impede wheelchair access.

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 - Entrance

Lat: 38.8521693000, Long: -104.8181478000

Finding: 7

The door bell is positioned too high for either a side or front approach.

Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches maximum and the low side reach shall be 15 inches minimum above the finish floor or ground.

Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum and the low forward reach shall be 15 inches minimum above the finish floor or ground.

2010 ADAS Section 308.1
Reach ranges shall comply with 308.

Citation:

2010 ADAS Section: 308.1

As Built:

The door bell is mounted at 50-1/2".

Recommendation:

Lower the door bell to maximum 48" high.

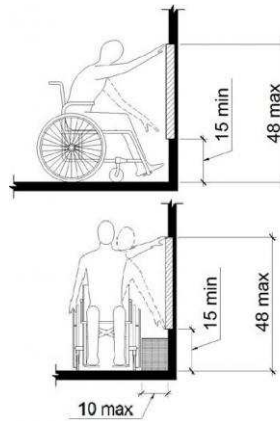
Also, keep a 30" x 48" clear area at the door bell to allow for approach. The snow shovels need to be stored outside this area.

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: 38.8521693000, Long: -104.8181478000

Finding: 8

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 that restrooms are for employee use only, and that no accessible restrooms are available.

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 #8 Continued



Finding #8 Additional Finding Photos



Finding 184230 Additional Photo