

# Site Accessibility Evaluation

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



**Fire Station 13**  
**1475 Cresta Rd**  
**Colorado Springs, CO**  
**80906**

**Accessibility Evaluation**

***Inspection Date: 03/13/2017***  
***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 13 Self-Evaluation

1. On March 13, 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 3, 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: 38.8024010000, Long: -104.8533030000**

**Finding: 1**

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:**

There is 3-3/4" vertical displacement at the sidewalk panel containing the storm drain.

**Recommendation:**

Remove and replace the sidewalk panel to provide a level route.

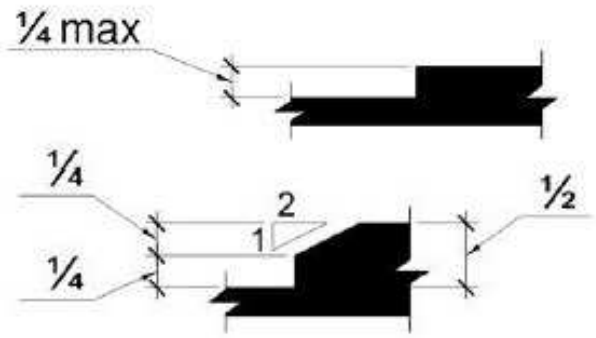
**Barrier Priority:**

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

Finding #1 Continued



## Exterior - Accessible Routes

Lat: 38.8024010000, Long: -104.8533030000

### Finding: 2

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 sidewalk has 5.2% cross slope.

### Recommendation:

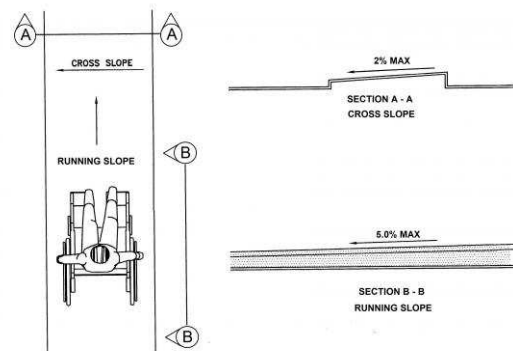
Remove and replace the sidewalk panels to provide 2% maximum cross slope across driveway if feasible.

### 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: 38.8024010000, Long: -104.8533030000**

### **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:**

There is 1/2" vertical displacement where the sidewalk meets the driveway.

#### **Recommendation:**

Grind to less than 1/2" bevel.

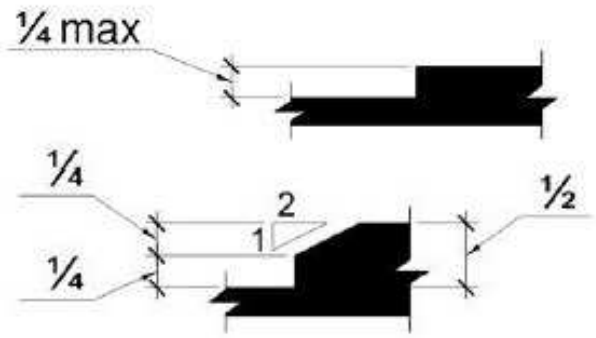
#### **Barrier Priority:**

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



**Exterior - Accessible Routes**

**Lat: 38.8024010000, Long: -104.8533030000**

**Finding: 4**

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 sidewalk has 5.7% cross slope across four concrete panels.

**Recommendation:**

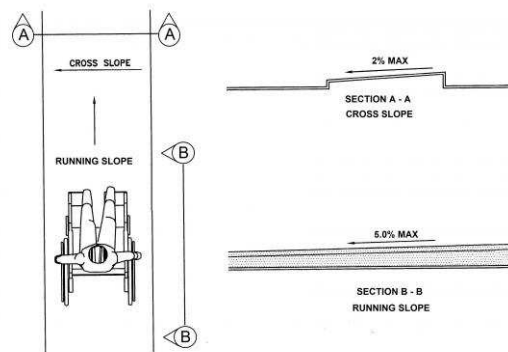
Remove and replace the sidewalk panels to provide maximum 2% cross slope.

**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





**Finding #4 Additional Finding Photos**



**Finding 184838 Additional Photo**

**Exterior - Accessible Routes**

**Lat: 38.8024010000, Long: -104.8533030000**

**Finding: 5**

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:**

There is up to 1-3/4" vertical displacement at the concrete panel with the storm drain.

**Recommendation:**

Remove and replace sidewalk panels.

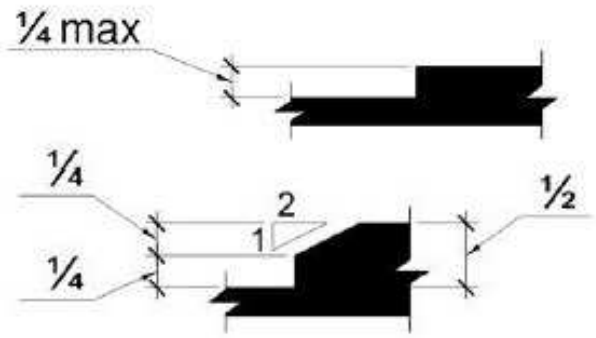
**Barrier Priority:**

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:**

CSFD

Finding #5 Continued



## Exterior - Accessible Routes

Lat: 38.8024010000, Long: -104.8533030000

### Finding: 6

The change in level where the gutter meets the curb ramp is greater than 1/2 inch. This curb ramp is at La Veta Way.

Also, ramp lays funky with detectable warning placement. Should be oriented to direction of travel. Creates rough pivot area at domes.

Also, gutter pan to road has vertical displacement.

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.

### Citation:

2010 ADAS Section: 303.3

### As Built:

There is over 1/2" vertical displacement between the curb ramp and the gutter.

### Recommendation:

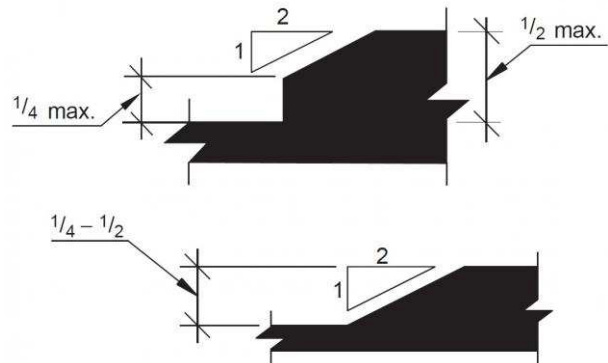
Replace Ramp

### 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: 38.8024010000, Long: -104.8533030000

### Finding: 7

The change in level where the gutter meets the curb ramp is greater than 1/4 inch. This curb ramp crosses Cresta Rd to the high school.

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.

#### Citation:

2010 ADAS Section: 303.3

#### As Built:

There is over 1/2" vertical displacement between the curb ramp and the gutter.

#### Recommendation:

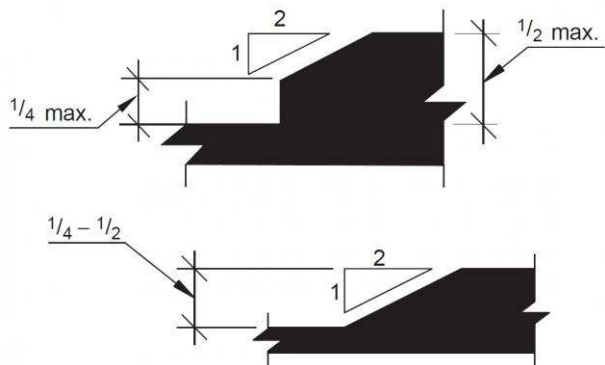
Grind to flush if feasible. If not, to the maximum extent feasible.

#### 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 Additional Finding Photos**



**Finding 184843 Additional Photo**

Exterior - Entrance

Lat: 38.8024010000, Long: -104.8533030000

Finding: 8

The door bell is not positioned correctly for either a side or front approach.

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

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

Citation:

2010 ADAS Section: 308.2.1

As Built:

The door bell is mounted at 57".

Recommendation:

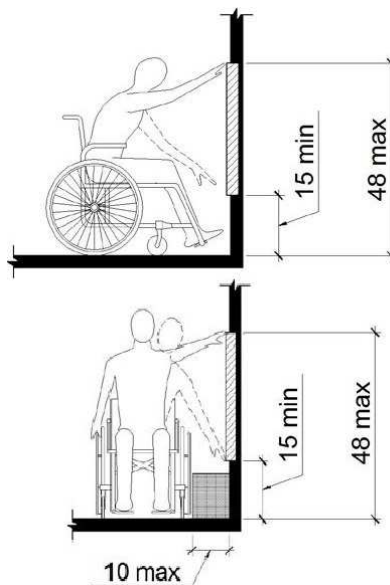
Lower the door bell to at or under 48".

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: 38.8024010000, Long: -104.8533030000**

**Finding: 9**

The plantings extend down too close to the route of travel.

Any obstruction that overhangs a circulation route must be a minimum of 80 inches above the walking surface as measured from the bottom of the obstruction.

*2010 ADAS Section 307.3*

*Free-standing objects mounted on posts or pylons shall overhang circulation paths 12 inches (305 mm) maximum when located 27 inches (685 mm) minimum and 80 inches (2030 mm) maximum above the finish floor or ground. Where a sign or other obstruction is mounted between posts or pylons and the clear distance between the posts or pylons is greater than 12 inches (305 mm), the lowest edge of such sign or obstruction shall be 27 inches (685 mm) maximum or 80 inches (2030 mm) minimum above the finish floor or ground.*

**Citation:**

**2010 ADAS Section: 307.3**

**As Built:**

**The plantings adjacent to the sidewalk overhang the sidewalk.**

**Recommendation:**

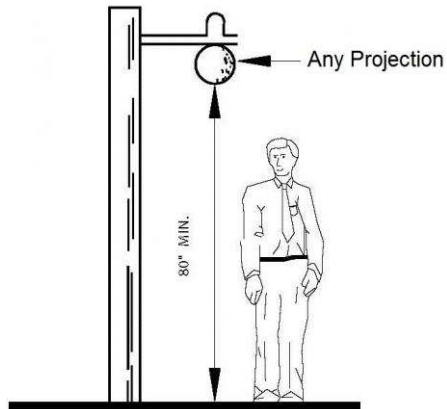
Keep the adjacent plantings trimmed.

**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 - Restrooms

Lat: 38.8024010000, Long: -104.8533030000

### Finding: 10

The restroom facilities serving the facility are not on an accessible route and are not accessible. The restrooms are not intended for public use.

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:

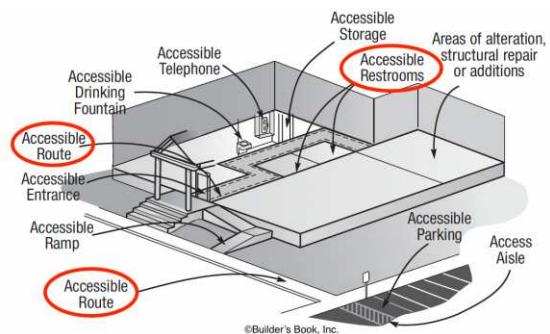
As long as the restrooms are not for public use, they do not need to be made accessible.

### Barrier Priority:

3 (Moderate): Should be completed as soon as possible, but there may be other items that will provide greater access to persons with disabilities. (Includes findings that have a high financial impact on the entity in relationship to the degree of access provided)

### Department:

CSFD



**Finding #10 Additional Finding Photos**



**Finding 184844 Additional Photo**



**Finding 184844 Additional Photo**



**Finding 184844 Additional Photo**



**Finding 184844 Additional Photo**