

Site Accessibility Evaluation

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



Fire Station 4

**2280 Southgate Rd
Colorado Springs, CO
80906**

Accessibility Evaluation

***Inspection Date: 03/12/2017
Inspector: Michael Killebrew,
Anna Kangas***

Prepared By



OLYMPIC CITY USA

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<https://coloradosprings.gov/>

TO: CSFD

FROM: Robert L. Hernandez

DATE: May 31, 2019

SUBJECT: Fire Station 4 Self-Evaluation

1. On March 12, 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
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Atch 1. City of Colorado Springs, ADA Self-Evaluation Report

Sincerely,



Robert Hernandez

Exterior - Parking

Lat: 38.7992825000, Long: -104.8178743000

Finding: 1

There are no accessible parking stalls, however there is only enough parking in this lot for fire department personnel. The lot is posted "No entry Fire Department Parking Only" and "Warning Fire Department Access Only".

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.

There are a total of (XX) parking stalls in the parking lot that could be reasonably associated with this facility. There should be a minimum of (XX) accessible stalls with a minimum of (XX) being designed as van accessible.

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:

There is no accessible parking in this parking lot.

Recommendation:

Keep this lot for fire department parking only, but consider adding signage indicating the location of 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 #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

Exterior - Accessible Routes

Lat: 38.7992825000, Long: -104.8178743000

Finding: 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:

There is 1" vertical lip where the sidewalk meets the asphalt driveway.

Recommendation:

Remove and replace the end of the sidewalk. Patch asphalt as needed.

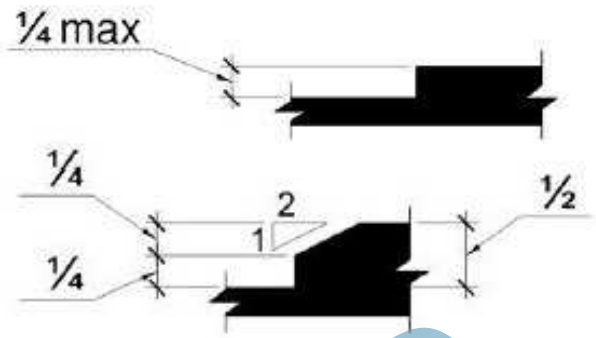
Barrier Priority:

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 #2 Continued



CORRECTED

Finding #2 Additional Finding Photos



Finding 184247 Additional Photo



Finding 184247 Additional Photo



Finding 184247 Additional Photo

CORRECTED

Exterior - Accessible Routes

Lat: 38.7992825000, Long: -104.8178743000

Finding: 3

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 portion of the driveway has cross slopes ranging from 2.5% to 4% (mostly 3%).

Recommendation:

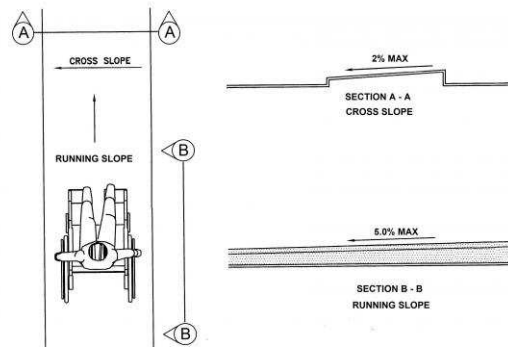
Remove and replace concrete as feasible and needed to maintain 2% cross slope.

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 #3 Additional Finding Photos



Finding 184248 Additional Photo

Exterior - Accessible Routes

Lat: 38.7992825000, Long: -104.8178743000

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 on Southgate has 11 pads with cross slopes ranging from 2.3% to 5%.

Recommendation:

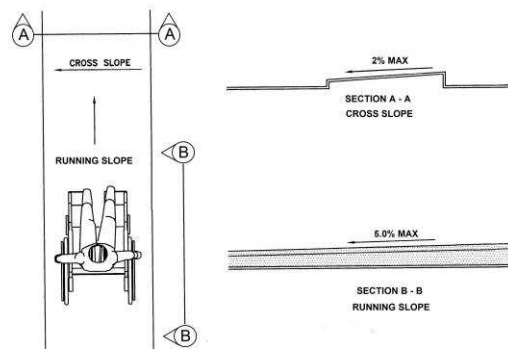
Remove and replace concrete as needed to maintain 2% maximum cross slope.

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: 38.7992825000, Long: -104.8178743000

Finding: 5

The building entrance is not located on an accessible route.

When a building, or portion of a building, is required to be accessible, an accessible route of travel shall be provided to all portions of the building, to accessible building entrances and between the building and the public way.

All walks, halls, corridors, aisles, skywalks, tunnels, and other spaces that are part of an accessible route must comply. An accessible route of travel must not pass through kitchens, storage rooms, restrooms, closets or other spaces used for similar purposes. At least one accessible route within the boundary of the site must be provided from public transportation stops, accessible parking and accessible passenger loading zones and public streets or sidewalks to the accessible building entrance they serve.

The accessible route shall, to the maximum extent feasible, coincide with the route for the general public. At least one accessible route shall connect accessible buildings, facilities, elements and spaces that are on the same site. At least one accessible route shall connect accessible building or facility entrances with all accessible spaces and elements.

2010 ADAS Section 206.2.1

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.

Citation:

2010 ADAS Section: 206.2.1

As Built:

There is no accessible entrance to the front door.

Recommendation:

Add about 15' of sidewalk to the front door adjacent to the drive.

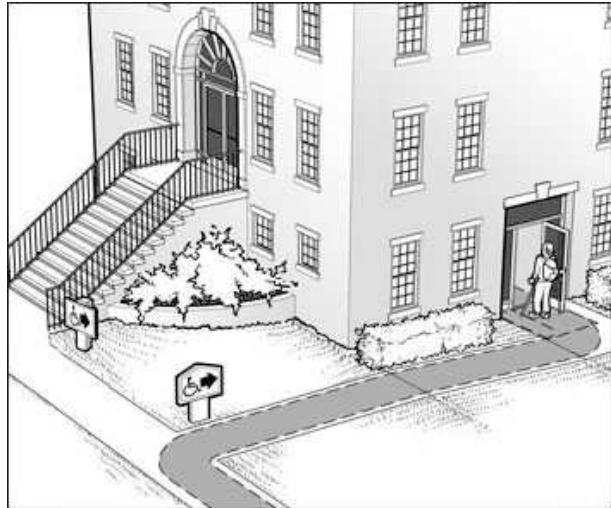
Barrier Priority:

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: 38.7992825000, Long: -104.8178743000

Finding: 6

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

In addition to being mounted too high, the door bell is mounted over an ash can.

Where a clear 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 57-1/2".

Recommendation:

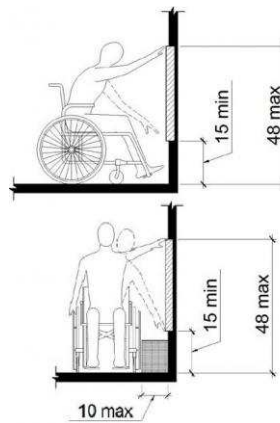
Lower the door bell to 48" maximum, and move the ash can to accommodate a 30" by 48" area for approach.

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 184245 Main Photo

Finding #6 Additional Finding Photos



Finding 184245 Additional Photo

Exterior - Entrance

Lat: 38.7992825000, Long: -104.8178743000

Finding: 7

The door/gate operating hardware is not accessible.

Hand-activated door/gate opening hardware, 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. Hardware shall be 34 inches minimum and 48 inches maximum above the finish floor or ground.

2010 ADAS Section 404.2.7

Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Operable parts of such hardware shall be 34 inches (865 mm) minimum and 48 inches (1220 mm) 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.

Citation:

2010 ADAS Section: 404.2.7

As Built:

The door hardware into the front entrance is a knob.

Recommendation:

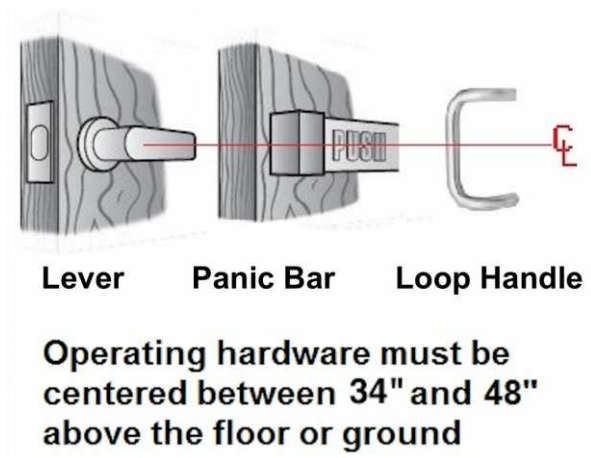
Replace the knob with lever-style hardware.

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: 38.7992825000, Long: -104.8178743000

Finding: 8

The ashcan projects more than 4 inches into the circulation path.

Wall-mounted objects that have leading edges between 27 inches and 80 inches from the floor must not project more than 4 inches into the circulation path. Protruding objects that extend to the floor or within 27 inches of the floor are cane detectable and are therefore not hazardous. Where it is necessary or desirable to have objects protrude from the wall, a manner of cane detection must be provided.

2010 ADAS Section 307.2

Objects with leading edges more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the finish floor or ground shall protrude 4 inches (100 mm) maximum horizontally into the circulation path.

Citation:

2010 ADAS Section: 307.2

As Built:

The ash can projects into the path of travel more than 4".

Recommendation:

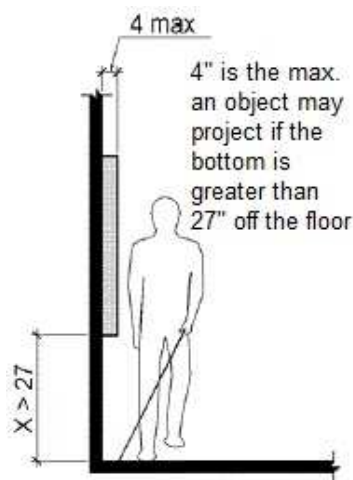
Remove ashcan

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: 38.7992825000, Long: -104.8178743000

Finding: 9

This table is not publicly used.

The top of the table surface is not within the compliant height range.

The tops of tables and counters must be 28 inches to 34 inches from the floor or ground.

2010 ADAS Section 902.3

The tops of dining surfaces and work surfaces shall be 28 inches (710 mm) minimum and 34 inches (865 mm) maximum above the finish floor or ground.

Citation:

2010 ADAS Section: 902.3

As Built:

The table in the bay area is 37" to the top edge.

Recommendation:

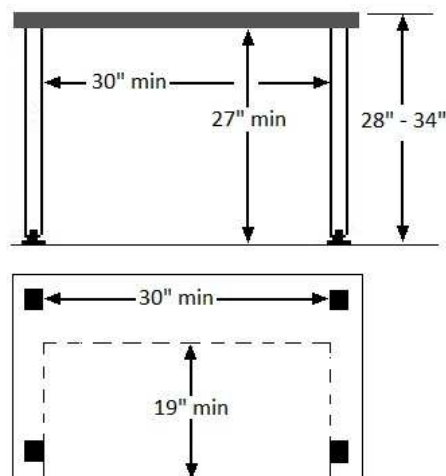
No action needed unless this table is used for public functions.

Barrier Priority:

4 (Low): Should be completed as soon as possible due to being a technical violation, but may not result in providing greater access to persons with disabilities. (Includes findings that are technically violations but provide a moderate to low increase in accessibility compared to the financial impact on the entity)

Department:

CSFD



Interior - General

Lat: 38.7992825000, Long: -104.8178743000

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:

Install a sign indicating the restrooms 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

