

REPORT TO THE City of Helena

Section: Eastside Fire Station

September 30, 2015

Legend of Abbreviations

aff... above the finished floor (or
above the finished ground)
AR... Accessible Route
CIL... Change in Level
CFS... Clear Floor Space
lbf... Pounds of Force

Background

City staff conducted an access audit at the Eastside Fire Station. Our findings are below.

1.1 Parking - [CHECKLIST] No parking spaces [ES30](#), [ES31](#)

Recommendations (East Side Fire Station is a site designated as accessible so 1.1.1 is integral to compliance with title II program access test):

1.1.1 ***Install*** parking space to meet accessible standards (ES30, ES31)

Responsible Employee	Progress Towards Completion	Recommended Phase
Gery Carpenter Community Facilities Director 406/447-8484	(insert periodic notes regarding steps taken or work completed)	PHASE THREE

**1.2 Exterior Accessible Route (includes common area and stairs)-
 [CHECKLIST-EAR] No lined cross walk [ES30](#), [ES31](#)**

Recommendations (East Side Fire Station is a site designated as accessible so 1.2.1 is integral to compliance with title II program access test):

1.2.1 ***Create lined cross walk*** where pedestrian pathway crosses through vehicular traffic as a smart practice (ES30, ES31)

Responsible Employee	Progress Towards Completion	Recommended Phase
Gery Carpenter Community Facilities Director 406/447-8484	(insert periodic notes regarding steps taken or work completed)	PHASE THREE

1.3 Exterior Entry Signage - no entry signage ([ES30](#), [ES31](#))

Recommendations (East Side Fire Station is a site designated as accessible so 1.3.1 and 1.3.2 is integral to compliance with title II program access test):

1.3.1 ***Mount signage*** at inaccessible entrances directing patrons in wheelchairs to accessible entrance (ES30)

1.3.2 ***Mount signage*** at entrance designating it as accessible (checklist)

Responsible Employee	Progress Towards Completion	Recommended Phase
Gery Carpenter Community Facilities Director 406/447-8484	(insert periodic notes regarding steps taken or work completed)	PHASE THREE

1.4 Exterior Entry Doors – [\[CHECKLIST\]](#)

Maneuvering Clearance: west entry – 38” on push side [ES17](#), [ES16](#); east entry – 4.3% [ES63](#); west entry – 2.3% [ES14](#), [ES15](#)

Hardware: east entry knob [ES94](#), [ES95](#); west entry knob [ES85](#), [ES86](#)

LBF: east entry pull force 15lb; west entry pull force 12lb

Kick plate: east entry no kick plate, glass at 8” [ES60](#), [ES61](#); west entry no kick plate, glass at 8” [ES60](#), [ES61](#)

Recommendations (East Side Fire Station is a site designated as accessible so 1.4.1 through 1.4.6 is integral to compliance with title II program access test):

- 1.4.1 **Relocate** coke machine to create 60” maneuvering space around door (ES17, ES16)
- 1.4.2 **Correct or repair slope** at doorway landing to max 2.08% in any direction for level CFS at east entry and west entry (ES63, ES14, ES15)
- 1.4.3 **Replace hardware** with lever hardware at east entry and west entry (ES94, ES95, ES85, ES86)
- 1.4.4 **Inspect, adjust, and maintain** 8.5 lbf to open exterior doors as a smart practice (checklist)
- 1.4.5 **Install** kick plates on push side of doors with glass (ES60, ES61)
- 1.4.6 **Upon renovation;** make above corrections to employee only doors (checklist)

Responsible Employee	Progress Towards Completion	Recommended Phase
Gery Carpenter Community Facilities Director 406/447-8484	(insert periodic notes regarding steps taken or work completed)	PHASE THREE

1.5 Elevator or Lift - not applicable

1.6 Interior Doors - [\[CHECKLIST\]](#)

Maneuvering Clearance: Door #3 – 2.5” on pull side [ES18](#), [ES19](#) – 42” on push side [ES2](#); door #4 – 10” on pull side [ES8](#), [ES7](#); door #5 – 2.5” on pull side [ES10](#), [ES11](#); door #13 – 15” on pull side [ES22](#); door #19 – 13” on pull side [ES23](#), [ES24](#)

Dimension (32"X80"): Door #3 – width is 28" [ES3](#), [ES4](#)

Threshold: Door #19 – 1" threshold [ES25](#)

Hardware: Noncompliant hardware on door #1 [ES94](#), [ES95](#), door #2 [ES85](#), [ES86](#), door #3 [ES87](#), [ES88](#), door #5 [ES107](#), door #6 [ES111](#), [ES112](#), door #7 [ES109](#), [ES110](#), door #8 [ES105](#), [ES106](#), door #9 [ES107](#), [ES108](#), door #10 [ES96](#), door #11 [ES97](#), door #12 [ES98](#), [ES99](#), door #13 [ES92](#), [ES93](#), door #14 [ES89](#), [ES90](#)

LBF: 8 of 19 doors with closers exceed 5 lbf ([checklist](#))

Other: Doors #10 and #11 need kick plate [ES104](#), [ES103](#), [ES101](#), [ES102](#)

Recommendations (East Side Fire Station is a site designated as accessible so 1.6.1 through 1.6.7 is integral to compliance with title II program access test):

- 1.6.1 For all doors along the public circulation route, **provide** required maneuvering clearance on push and pull side of doors (ES18, ES19, ES2, ES8, ES7, ES10, ES11, ES22, ES23, ES24)
- 1.6.2 For all doors along the public circulation route, **replace** door with one having 32" clear width (ES3, ES4)
- 1.6.3 For all doors along the public circulation route, **replace** threshold at interior doors with ADA thresholds (ES25)
- 1.6.4 For all doors along the public circulation route, **replace hardware** with lever hardware where indicated (ES94, ES95, ES85, ES86, ES87, ES88, ES107, ES108, ES96, ES97, ES98, ES99, ES92, ES93, ES89, ES90)
- 1.6.5 **Inspect, adjust, and maintain** 5 lbf to open interior doors ([checklist](#))
- 1.6.6 **Install** kick plate on door #10 and door #11 (ES104, ES103, ES101, ES102)
- 1.6.7 For employee only doors; make above corrections **upon renovation** ([checklist](#))

Responsible Employee	Progress Towards Completion	Recommended Phase
Gery Carpenter Community Facilities Director 406/447-8484	(insert periodic notes regarding steps taken or work completed)	PHASE THREE

1.7 Interior Accessible Route (includes common area and stairs) -
[\[CHECKLIST-INTERIOR\]](#) [\[CHECKLIST-STAIRS\]](#)

Interior Route: 50% of public entrances are not accessible [ES14](#), [ES15](#), [ES118](#), [ES119](#); cross slope exceeds 2.08% [ES116](#), [ES117](#); floor grate gap greater than .5" [ES65](#), [ES66](#)

Reach Range: Door controls are 65" aff [ES67](#), [ES68](#)

Stairs: Risers 7.5" [ES58](#); treads 10.75"

Recommendations (East Side Fire Station is a site designated as accessible so 1.7.1 through 1.7.5 is integral to compliance with title II program access test):

- 1.7.1 **Provide** an AR to all public areas required to be accessible (ES14, ES15, ES118, ES119)
- 1.7.2 **Correct or repair** cross slope of AR to max 2.08% (ES116, ES117)
- 1.7.3 **Replace** floor grate (ES65, ES66)
- 1.7.4 **Lower** operating mechanisms along the interior AR to max 48" aff to the highest operable part (ES67, ES68)
- 1.7.5 Tread risers and depth on stairs should be uniform and a maximum of 7" and a minimum of 11" deep, **leave as is** due to infeasibility of making depth and risers consistent (ES58, checklist)

Responsible Employee	Progress Towards Completion	Recommended Phase
Gery Carpenter Community Facilities Director 406/447-8484	(insert periodic notes regarding steps taken or work completed)	PHASE THREE

1.8 Public Designated Use Spaces (includes classrooms, meeting rooms, special purpose rooms, and other spaces intended for use by the public) - No issues

1.9 Employee Offices and Spaces - [CHECKLIST]

Protruding Objects: TV in dayroom [ES32](#), [ES33](#); safe in watch room [ES38](#), [ES39](#); heater in laundry room [ES53](#), [ES54](#)

Floor Surfaces: floor drain in laundry room [ES55](#), [ES56](#)

Reach Range: window in day room [ES34](#), [ES35](#); thermostat in day room [ES40](#), [ES41](#)

Recommendations (East Side Fire Station is a site designated as accessible so 1.9.1 is integral to compliance with title II program access test):

- 1.9.1 For all other deficits, **leave as is**, employee work area pursuant to 2010 Standards 106.5 Defined Terms, until an employee with a disability works here (ES32, ES33, ES38, ES39, ES53, ES54, ES55, ES56, ES34, ES35, ES40, ES41)

Responsible Employee	Progress Towards Completion	Recommended Phase
Gery Carpenter Community Facilities Director 406/447-8484	(insert periodic notes regarding steps taken or work completed)	PHASE THREE

1.10 Assembly Areas - not applicable

1.11 Restrooms - [CHECKLIST-MULTIPLE]

North: Restroom is not accessible; mirrors and clear floor space [ES51](#); faucet controls [ES50](#); exposed pipes [ES51](#); coat hook too high [ES49](#); no accessible toilet compartment [ES52](#); access aisle less than 36" wide [ES79](#)

Main: Restroom is not accessible; mirrors and clear floor space [ES44](#); flush controls not operable [ES48](#); coat hooks too high [ES81](#), [ES82](#); no accessible toilet compartment [ES47](#)

Recommendations (East Side Fire Station is a site designated as accessible so 1.11.1 is integral to compliance with title II program access test): (Multiple Users)

1.11.1 **Provide** one accessible restroom and *mount signage* at the other directing staff to the accessible restroom (ES51, ES50, ES49, ES52, ES79, ES44, ES48, ES81, ES82, ES47)

Responsible Employee	Progress Towards Completion	Recommended Phase
Gery Carpenter Community Facilities Director 406/447-8484	(insert periodic notes regarding steps taken or work completed)	PHASE THREE

1.12 Kitchen/Concessions - [CHECKLIST]

Sinks: not accessible [ES34](#); counter at 36" [ES36](#), [ES37](#); no knee clearance [ES37](#)

Ovens: controls not at front [ES70](#)

Floor space: no clear floor space in front of dishwasher [ES71](#)

Recommendations (East Side Fire Station is a site designated as accessible so 1.12.1 through 1.12.3 is integral to compliance with title II program access test):

1.12.1 **Remove** base cabinet and lower sink height to max 34" aff (ES34, ES36, ES37)

1.12.2 **Replace** oven with one having controls on the front panel (ES70)

1.12.3 **Replace** table with smaller one for CFS at dishwasher (ES71)

Responsible Employee	Progress Towards Completion	Recommended Phase
Gery Carpenter Community Facilities Director 406/447-8484	(insert periodic notes regarding steps taken or work completed)	PHASE THREE

1.13 Locker Rooms - [CHECKLIST]

East Side Fire Station Accessibility Audit
September 30, 2015 Page 7

Men's: no accessible lockers [ES43](#); reach range fails for upper shelf [ES77](#); hardware not operable [ES73](#), [ES42](#)

Benches: too narrow [ES74](#), too short [ES73](#), no back [ES75](#)

Recommendations (East Side Fire Station is a site designated as accessible so 1.13.1 through 1.13.3 is integral to compliance with title II program access test):

- 1.13.1 **Designate 5% or no less than 1 locker** as accessible, mounting signage having the access symbol and hooks and operating mechanisms max 48" aff (ES43)
- 1.13.2 **Replace** locker hardware with ADA compliant hardware on designated lockers (ES73, ES42)
- 1.13.3 **Replace bench** in dressing area with one having a seat depth of 20" to 24" deep, 42" long, affixed to the wall or having a back and mounted 17" to 19" aff (ES74, ES73, ES75)

Responsible Employee	Progress Towards Completion	Recommended Phase
Gery Carpenter Community Facilities Director 406/447-8484	(insert periodic notes regarding steps taken or work completed)	PHASE THREE

1.14 Aural and Visual Alarms - not applicable

1.15 Directional and Permanent Space Signs - not applicable

1.16 Other - not applicable

CITY OF HELENA EAST SIDE FIRE STATION