



# REPORT TO THE City of Helena

**Section:**

## **Main Fire Station October 5, 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 Main Fire Station. Our findings are below.

**1.1 Parking - [\[CHECKLIST\]](#) no existing accessible parking spaces [MF137](#)**

***Recommendations (Main 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 **Create one or more** 8' accessible parking stalls, with one 5' adjacent access aisle, with proper signage and striping (MF137)

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 TWO

**1.2 Exterior Accessible Route (includes common area and stairs)- [\[CHECKLIST-EAR\]](#) no current exterior route [MF137](#)**

***Recommendations (Main 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 AR** with lined cross walk where pedestrian pathway crosses through vehicular traffic as a smart practice (MF137)

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 - [\[CHECKLIST\]](#)**

***Recommendations (Main 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

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 - [\[CHECKLIST\]](#)

Dimension (32"X80"): Door 24 is 29" wide [MF102](#), [MF103](#)

Threshold: door 33 has ¾" rise [MF143](#), [MF144](#)

**Recommendations (Main Fire Station is a site designated as accessible so 1.4.1 through 1.4.3 is integral to compliance with title II program access test):**

- 1.4.1 For all doors along the public circulation route, **replace doors** with ones having 32" clear width (MF102, MF103)
- 1.4.2 For all doors along the public circulation route, **replace thresholds** at exterior doors with ADA thresholds (MF143, MF144)
- 1.4.3 For employee only doors; make above corrections **upon renovation**

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: pull side of door # 1 is 3.5" [MF1](#); pull side of door #2 is 5.5" [MF4](#), [MF5](#); door #3 has 2" on the pull and push sides [MF7](#), [MF8](#), [MF9](#); door #4 has 8" on the pull and 8.75" on the push sides [MF13](#), [MF14](#), [MF16](#), [MF17](#); door #5 has 3.75" on the push and 39" [MF18](#), [MF19](#); pull side of door #12 is 5" [MF24](#), [MF25](#); pull side of door #28 is 6" [MF64](#), [MF65](#); pull side of door #30 is 4.5" [MF90](#), [MF91](#); push side of door #36 is 11" [MF118](#), [MF119](#)

Dimension (32"X80"): door #13 is 27" wide [MF26](#), [MF27](#); doors 14, 15 and 16 are 28" wide [MF28](#), [MF29](#); door #19 is 27" wide [MF48](#), [MF49](#); door #20 is 29" wide [MF50](#), [MF51](#); door #32 is 27.5" wide [MF99](#), [MF100](#); door #35 is 30" wide [MF115](#), [MF116](#)

Gaps: door #30 has a grate floor of 1" [MF93](#)

Hardware: 19 of 38 doors have knobs; door #3 and door #36 have locks; door #28 has a thumb pinch ([checklist](#))

LBF: 9 of 38 doors with closers exceed 5 lbf ([checklist](#))

Side lights: door #3 has a side light at 56" [MF10](#), [MF11](#); door #12 side light at 5.25" [MF3](#); door #22 side light at 55" [MF54](#), [MF55](#); door #28 side light at 56" [MF68](#), [MF69](#); door #28 side light at 46" [MF86](#), [MF87](#); door #36 side light at 60" [MF120](#), [MF118](#)

**Recommendations (Main Fire Station is a site designated as accessible so 1.6.1 through 1.6.9 is integral to compliance with title II program access test):**

**NOTE: providing maneuvering clearance is sometimes accomplished by removing temporary barriers such as garbage cans or chairs, or removing and rehanging doors to open in opposite direction, removing closers, providing power door openers, or other similar means. For reference to the technical standards for doorway maneuvering clearance, see Chapter 4, [section 404](#) of the 2010 Standards.**

- 1.6.1 For all doors along the public circulation route, **provide** required maneuvering clearance on push and pull side of doors (MF1, MF4, MF5, MF18, MF19, MF90, MF91)
- 1.6.2 For all doors not along the public circulation route **leave as is**, correction is may be technically infeasible (MF13, MF14, MF16, MF17, MF24, MF25)
- 1.6.3 No maneuvering clearance at door due to stairs, **leave as is**, correction is technically infeasible (MF7, MF8, MF9, MF64, MF65, MF118, Mf119)
- 1.6.4 For all doors along the public circulation route, **replace** door with one having 32" clear width (MF26, MF27, MF28, MF29, MF48, MF49, MF50, MF51, MF99, MF100, MF115, MF116)
- 1.6.5 For all doors along the public circulation route, **fill and maintain gaps at doorways** to max .5" (MF93)
- 1.6.6 For all doors along the public circulation route, **replace hardware** with lever hardware where indicated, mounted 34" to 48" aff (checklist)
- 1.6.7 For all doors along the public circulation route, **inspect, adjust, and maintain 5 lbf** to open interior doors (checklist)
- 1.6.8 For all doors along the public circulation route, **replace doors** with ones having sidelight viewing windows max 43" aff (MF10, MF11, MF54, MF55, MF68, MF69, MF86, MF87, MF120, MF118, checklist)
- 1.6.9 For employee only doors; make above corrections **upon renovation**

Responsible Employee	Progress Towards Completion	Recommended Phase
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**1.7 Interior Accessible Route (includes common area and stairs) -**  
[\[CHECKLIST-INTERIOR\]](#) [\[CHECKLIST-STAIRS\]](#)

Interior Route: no accessible interior doors [MF121](#), [MF102](#), [MF103](#); thermostat and microphone in administration assistant area at 60" [MF80](#), [MF81](#)

Stairs: north and south stairs don't have detectable warning at the top of the run [MF138](#), [MF151](#); handrails don't extend beyond tread at slope or horizontally [MF67](#), [MF84](#), [MF83](#), [MF85](#)

**Recommendations (Main Fire Station is a site designated as accessible so 1.7.1 through 1.7.3 is integral to compliance with title II program access test):**

- 1.7.1 **Provide an AR** to all public areas required to be accessible (MF121, MF102, MF103)
- 1.7.2 **Lower** thermostat and microphone (MF80, MF81)
- 1.7.3 Stairs only to upper level dayroom, kitchen, locker-room and sleeping rooms, **leave as is**, employee area only; reassign duties if an employee with a disability requires access here (MF138, MF151, MF67, MF84, MF83, MF85)

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 TWO

**1.8 Public Designated Use Spaces (includes classrooms, meeting rooms, special purpose rooms, and other spaces intended for use by the public) - [\[CHECKLIST\]](#)**

Protruding Objects: Conference room movie player extends 20" [MF73](#)

Operable Parts: conference room thermostat at 60" [MF70](#), [MF71](#)

**Recommendations (Main Fire Station is a site designated as accessible so 1.8.1 and 1.8.2 is integral to compliance with title II program access test):**

- 1.8.1 **Remove** or relocate movie player (MF73)
- 1.8.2 **Lower** thermostat to max 48" aff (MF70, MF71)

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 TWO

**1.9 Employee Offices and Spaces - [\[CHECKLIST\]](#)**

**Main Fire Station Accessibility Audit**  
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36" access aisle: no 36" wide area in pantry [MF44](#); sleeping rooms [MF45](#); fire prevention [MF76](#), [MF77](#), [MF78](#), [MF79](#); hose tower [MF128](#); mechanical room [MF130](#) or tool room

Operable Parts: chief and watch room thermostats [MF74](#), [MF75](#), [MF88](#), [MF89](#); truck counter at 15.25"

Protruding Objects: truck counter at 15.25" [MF112](#), [MF111](#); fan controls [MF109](#), [MF110](#); Dayroom shelving protrudes 10.5" [MF42](#), [MF43](#)

Reach Range: truck counter at 15.25" [MF112](#), [MF111](#); fan controls [MF109](#), [MF110](#)

***Recommendations (Main Fire Station is a site designated as accessible so 1.9.1 through 1.9.3 is integral to compliance with title II program access test):***

- 1.9.1 Employee only area permit approach, entry, and exit, **relocate obstacles** to create AR through rooms listed (MF44, MF45, MF76, MF77, MF78, MF79, MF128, MF130, checklist)
- 1.9.2 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 (
- 1.9.3 MF74, MF75, MF88, MF89, MF112, MF111, MF109, MF110, MF42, MF43)

Responsible Employee	Progress Towards Completion	Recommended Phase
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**1.10 Assembly Areas** - not applicable

**1.11 Restrooms** - [\[CHECKLIST\]](#)

*Both*: no signage on restrooms; *Women's*: paper towels at 9" [MF52](#), [MF53](#)

***Recommendations (Main Fire Station is a site designated as accessible so 1.11.1 and 1.11.2 is integral to compliance with title II program access test): (Single Users)***

- 1.11.1 **Acquire and mount** signage, including access symbol at both (checklist)
- 1.11.2 **Relocate or recess** towel dispenser to not interfere with general circulation path, protrusions can't be greater than 4" (MF52, MF53)

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 TWO

1.12 Kitchen/Concessions - [\[CHECKLIST\]](#)

Counter: counter is 37" high [MF142](#), [MF140](#); no knee clearance [MF140](#)

Work surface: 30" work surface not provided [MF142](#), [MF141](#)

**Recommendations (Main Fire Station is a site designated as accessible so 1.12.1 is integral to compliance with title II program access test):**

1.12.1 For all deficits, **leave as is**, employee work area pursuant to 2010 Standards 106.5 Defined Terms, until an employee with a disability works here (MF142, MF140, MF141)

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1.13 Locker Rooms - [\[CHECKLIST\]](#)

5% Accessible: no lockers are accessible

Operable Parts: inside doors at 57" [MF30](#); hardware requires tight pinch [MF32](#); coat hooks at 62" [MF34](#); shelving unit at 66" [MF36](#)

Shower compartment: shower compartments are non-compliant [MF38](#)

**Recommendations (Main Fire Station is a site designated as accessible so 1.13.1 is integral to compliance with title II program access test):**

1.13.1 For all deficits, **leave as is**, employee work area pursuant to 2010 Standards 106.5 Defined Terms, until an employee with a disability works here (MF30, MF32, MF34, MF36, MF38)

<b>Responsible Employee</b>	<b>Progress Towards Completion</b>	<b>Recommended Phase</b>
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**1.14 Aural and Visual Alarms** - no issues

**1.15 Directional and Permanent Space Signs** - no issues

**1.16 Other** - not applicable

CITY OF HELENA MAIN FIRE STATION