



REPORT TO THE City of Helena

Section: Solid Waste Truck Storage

October 7, 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 Solid Waste Truck Storage Building. Our findings are below.

1.1 Parking - [\[CHECKLIST\]](#) no accessible spaces [SWTG1](#)

Recommendations (Solid Waste Truck Storage 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 (SWTG1)

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 issues

1.3 Exterior Entry Signage - [\[CHECKLIST\]](#) no signage

Recommendations (Solid Waste Truck Storage 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"): SE truck bay 74.5" closer, 79" door [SWTG11](#); east office 74.5" closer, 79" door [SWTG6](#); SW truck bay 75" closer, 79" door [SWTG67](#),[SWTG68](#),
[SWTG70](#)

Change in level: east office 1" [SWTG4](#), [SWTG5](#)

Hardware: SE truck bay knob [SWTG2](#), SW truck bay knob [SWTG69](#)

LBF: 3 of 3 doors with closers exceed 8.5 lbf ([checklist](#))

Recommendations (Solid Waste Truck Storage is a site designated as accessible so 1.4.1 through 1.4.5 is integral to compliance with title II program access test):

- 1.4.1 For all doors along the public circulation route, **replace doors** with doors having 80" overhead clearance (SWTG11, SWTG6, SWTG67, SWTG68, SWTG70, checklist)
- 1.4.2 For all doors along the public circulation route, **repair, bevel, or ramp CIL** at door entries to max .25" (SWTG4, SWTG5)
- 1.4.3 For all doors along the public circulation route, **replace hardware** with lever hardware where indicated (SWTG2, SWTG69)
- 1.4.4 For all doors along the public circulation route, **inspect, adjust, and maintain** 8.5 lbf to open exterior doors as a smart practice (checklist)
- 1.4.5 **Upon renovation**; make above corrections to employee only doors

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1.5 Elevator or Lift - not applicable

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

Maneuvering Clearance: parts door 9" pull side [SWTG25](#), [SWTG26](#), East locker 9" pull side [SWTG32](#), [SWTG31](#)

Dimension (32"X80"): north office 79" [SWTG8](#), parts room 79.5" [SWTG24](#), [SWTG25](#), east locker 79.5 [SWTG29](#), [SWTG30](#), west locker 79.5 [SWTG53](#), [SWTG54](#)

LBF: 4 of 4 doors with closers exceed 8.5 lbf ([checklist](#))

Recommendations (Solid Waste Truck Storage is a site designated as accessible so 1.6.1 through 1.6.4 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 (SWTG25, SWTG26, SWTG32, SWTG31)
- 1.6.2 For all doors along the public circulation route, **replace doors** with doors having 80" overhead clearance (SWTG8, SWTG24, SWTG25, SWTG29, SWTG30, SWTG53, SWTG54)
- 1.6.3 For all doors along the public circulation route, **inspect, adjust, and maintain** 8.5 lbf to open exterior doors as a smart practice (checklist)
- 1.6.4 For employee only doors; make above corrections **upon renovation**

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

Interior Route: no issues

Stairs: Stairs are moveable and non-compliant

Recommendations (Solid Waste Truck Storage is a site designated as accessible so 1.7.1 is integral to compliance with title II program access test):

1.7.1 **Leave stairs as is**, lack of AOR on second floor; this floor is not accessible

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1.8 Public Designated Use Spaces (includes classrooms, meeting rooms, special purpose rooms, and other spaces intended for use by the public) – not applicable

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

60" turning space: parts room [SWTG28](#)

Protruding Objects: Office – time clock at 7" [SWTG13](#), [SWTG14](#)

Floor Surfaces: Truck – 1" gaps in floor grate [SWTG17](#), [SWTG18](#)

Slope of floor: Garage floor cross slope 2.7% [SWTG20](#), [SWTG21](#)

Reach Range: Office – thermostat at 60" [SWTG15](#), [SWTG16](#); Truck – Thermostat at 58" [SWTG22](#), [SWTG23](#)

Recommendations (Solid Waste Truck Storage is a site designated as accessible so 1.9.1 and 1.9.2 is integral to compliance with title II program access test):

- 1.9.1 Employee only areas permit approach, entry, and exit, **relocate obstacles** to create turning space of 60" in parts room (SWTG28)
- 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 (SWTG13, SWTG14, SWTG17, SWTG18, SWTG20, SWTG21, SWTG15, SWTG16, SWTG22, SWTG23)

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1.10 Assembly Areas - not applicable

1.11 Restrooms - [CHECKLIST]

Sink Height: East & West – sink 34.5 [SWTG44](#), [SWTG45](#), [SWTG64](#), [SWTG66](#)

Centerline of toilet: East –22” from side wall [SWTG48](#), [SWTG49](#); West – 20” from side wall [SWTG61](#), [SWTG51](#)

Stall Doors: East and west – does not self-close [SWTG43](#)

Grab Bars: East and West – 42” long and 9” from back wall [SWTG49](#), [SWTG50](#)

Coat Hooks: East – coat hook 53” [SWTG52](#)

Recommendations (Solid Waste Truck Storage is a site designated as accessible so 1.11.1 through 1.11.5 is integral to compliance with title II program access test):

1.11.1 **Lower** sinks to max 34” aff to front of rim (SWTG44, SWTG45, SWTG64, SWTG66)

1.11.2 **Remount** toilets to 16” to 18” from the side wall to centerline (SWTG48, SWTG49, SWTG61, SWTG51)

1.11.3 **Adjust** stall door to be self-closing

1.11.4 **Remount** side grab bar to max 12” from the rear wall at the close end and 33” to 36” aff (SWTG49, SWTG50)

1.11.5 **Remount** coat hook to a max. of 48” (SWTG52)

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1.12 Kitchen - not applicable

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

Lockers: East and West- hardware must be pinched [SWTG33](#), [SWTG34](#); East and West – shelf at 68” [SWTG35](#), [SWTG36](#), [SWTG55](#), [SWTG56](#); East and West – 17” deep, seat 16” [SWTG37](#), [SWTG36](#), [SWTG39](#), [SWTG57](#), [SWTG58](#), [SWTG59](#)

Bench: East and West- 17 deep, seat 16” [SWTG37](#), [SWTG36](#), [SWTG39](#), [SWTG57](#), [SWTG58](#), [SWTG59](#)

Shower: East and West – 1” curb [SWTG42](#)

Recommendations (Solid Waste Truck Storage is a site designated as accessible so 1.13.1 is integral to compliance with title II program access test):

1.13.1 ***Leave as is***, existing employee only locker room and shower; modify policy allowing employee with a disability to use public locker area or make renovations to existing locker area

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1.14 Aural and Visual Alarms - not applicable

1.15 Directional and Permanent Space Signs – [[checklist](#)]

Recommendations (Solid Waste Truck Storage is a site designated as accessible so 1.15.1 through 1.15.3 is integral to compliance with title II program access test):

1.15.1 ***Create template for signs*** that addresses height of sign, size of characters, location of Braille, and other requirements (checklist)

1.15.2 ***Implement a sign revision program*** throughout the building, discriminating between directional signs and signs for permanent spaces (checklist)

1.15.3 ***Mount signage*** at all permanent rooms/spaces having Braille and the international symbol of accessibility, mounted at 60" to the middle of the sign and on the latch side of the door

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1.16 Other – not applicable

CITY OF HELENA SOLID WASTE TRUCK STORAGE