

**CITY OF ELKO**  
**AMERICAN WITH DISABILITIES ACT**  
**TRANSITION PLAN**  
**APRIL 2018**

## **GENERAL RECOMMENDATIONS**

The regulations suggest that the removal of barriers be prioritized to 1) allow access and entry to the place of public accommodations, 2) provide access to the areas where services are offered, 3) allow access to restrooms, and lastly, 4) comply with all other requirements of the law regarding the access to services, facilities, etc. Taking these priorities into consideration these are the recommendations for the City of Elko facilities.

- 1) Re-stripe the parking lots accessible parking spaces to provide van accessible parking and access aisle with signage.
- 2) Provide proper hand-railing and edge protection on ramps.
- 3) Replace thresholds and adjust force to open doors at the exterior doors to create a smoother transition for wheelchair users.
- 4) Widen entry doors to give access to buildings.
- 5) Elevators need to have both visual and audio signals.
- 6) Replace door knobs with appropriate hardware on doors along accessible route.
- 7) Make all required exits accessible.
- 8) Replace or shield objects that overhand accessible route that cause a hazard for blind people.
- 9) Adjust opening force and closing time on doors along accessible route.
- 10) Make at least one restroom on each level accessible.
- 11) Make telephones accessible.
- 12) Make drinking fountains accessible.
- 13) Develop signage that give direction to, and information about accessible spaces in and around building.
- 14) Need an area of rescue assistance at exits in basements.
- 15) Replace handrail at stairways and interior ramp.

- 16) Provide auxiliary aids and services at service counters.
- 17) Fire alarms need both visual and audio warnings and the pull switches need to be within reach requirements.
- 18) Bevel level changes over  $\frac{1}{4}$ " along accessible route.
- 19) Space allowances and reach ranges on shelves, controls and operating mechanism.
- 20) Detectable warnings at stairs and on doors to hazardous areas are reserved and will be established at a later date. The edges of reflecting pools shall be protected by detectable warnings, railings, walls, or curbs. If a walk crosses or adjoins a vehicular way the boundary between the areas shall be defined by a continuous detectable warning which is 36" wide.

## **DISCUSSIONS**

### **CHANGES IN LEVEL**

Changes in level is discussed in the ADA Accessibility Guidelines (ADAAG) under 4.3.8 and 4.5.2 and says that if an accessible route has a level change up to ¼" it may be vertical and without edge treatment. Changes in level between ¼" and ½" shall be beveled with a slope no greater than 1:2, changes in level greater than ½" shall be accomplished by means of a ramp that complies with 4.7 (curb ramp) or 4.8 (ramp).

### **CROSS SLOPES**

Cross slopes are defined as the slope that is perpendicular to the direction of travel. They are discussed in the ADAAG under 4.3.7 and states that nowhere shall the cross slope of an accessible route exceed 1:50.

### **DETECTABLE WARNINGS**

Detectable warnings are defined as a standardized surface feature built in or applied to walking surface or other elements to warn visually impaired people of hazards on a circulation path. They are discussed in the ADAAG under 4.29 and state that detectable warnings shall consist of raised truncated domes and shall contrast visually with adjoining surfaces, either light-on-dark or dark-on-light. Detectable warnings at stairs and on doors to hazardous areas are reserved and will be established at a later date. The edges of reflecting pools shall be protected by detectable warnings, railings, walls, or curbs. If a walk crosses or adjoins a vehicular way the boundary between the areas shall be defined by a continuous detectable warning which is 36" wide.

### **RESTROOMS**

This section is discussed in the ADAAG under 4.16. The size of a stall is determined with many variables such as type of approach, whether it has a floor mounted (FM) or wall mounted (WM) toilet, the clear floor space in front of the toilet and the clear floor space in front of the stall door. When those are determined then that determines the length of the grab bars. There are four types of stall sizes, 1) Standard stall has a 60" width and a 56" (WM) or 59" (FM) depth and must have a clear floor space in the front of the door of 42" on pull side latch approach or 48" all other approaches, 2) Standard stall (end of row) has the same dimensions except the clear floor space in the front of the door is 36" on front approach, 3) Alternate stall (a) has a width of 36" and a length of 66" (WM) or 69" (FM) and the same clear floor space in front of the stall door, 4) Alternate stall (b) has a width of 48" and the depth and clear floor space are the same as Alternate (a).

If the toilet is not in a stall it must have a clear floor space of 60" wide and 56" in depth. (See attached sheet)

## **PARKING**

This section is discussed in the ADAAG under 4.1 and 4.6. There is basically a 1:25 ratio of accessible parking spaces to regular parking spaces but at least 1 out of every 8 accessible spaces needs to be van accessible with signage. A typical accessible space is 96" wide and has an access aisle that is 60" wide. A van accessible space is 96" wide and has an access aisle that is 96" wide. The universal parking space design has 3 spaces that are 132" wide and 2 access aisles that are 60" wide, the advantage is if there are 3 accessible spaces required this design takes up less space and provides more van spaces. (See attached sheet)

## **EXTERIOR AND INTERIOR ROUTES**

Exterior routes are continuous unobstructed paths connecting all accessible buildings and may include parking access aisle, curb ramps, crosswalks at vehicular ways, walks, ramps, and lifts. At least one accessible route complying with 4.3 shall be provided within the boundary of the site from public transportation stops, accessible parking spaces, passenger loading zones and public streets or sidewalks, to an accessible building entrance. [4.1.2, 4.3, 4.4, 4.5]

## **DOOR OPENING FORCE**

Door opening force is discussed in the ADAAG under section [4.13.11] and it states the following. The maximum force for pushing or pulling open a door shall be as follows:

- 1) Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.
- 2) Other doors:
  - a. Exterior hinged doors: (Reserved) or (To be established).
  - b. Interior hinged doors: 5 lbf
  - c. Sliding or folding doors: 5 lbf

## **SIGNAGE**

Signage is defined as displayed verbal, symbolic, tactile, and pictorial information. Signs are needed to designate permanent rooms and spaces, provide direction to, or information about, functional spaces of the building. It is discussed in the ADAAG under section 4.6.4 and states that accessible parking spaces shall be designated as reserved by a sign showing the symbol of accessibility and shall have an additional sign which says Van-Accessible mounted below. Signage is also discussed under section 4.30 and gives information on character proportion and height, raised and braille characters, pictorial symbol signs, finish and contrast of signs and mounting location and height of signs.

It also states uses of symbols of accessibility and the way they are displayed.

## **DRINKING FOUNTAINS**

Water fountains need to have a spout height of 36", spout location, controls and clearance which comply with 4.15.

## **PUBLIC TELEPHONES**

Public telephones need to have clear floor space, mounting heights, telephone books and cord lengths which comply with 4.31.

## **BUILDING AND FIRE BUILDING**

### **PARKING**

1. There is no accessible parking space designated on this site. Barriers encountered:
  - a. Needs van accessible space with signage created on this site.

### **EXTERIOR ROUTE**

2. This route starts at the **parking in front of the building and runs to the west main entrance.** Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Needs to be beveled)
  - b. Needs curb ramp at accessible parking space to transition to sidewalk.
  - c. There is a slope at the exterior front door landing.

### **EXTERIOR DOORS**

3. The location is **west main entrance.** Barriers encountered:
  - a. Adjust the closer to lessen the force needed to open door.
  - b. The clear width opening is 29.5". (32" minimum)
  - c. There is an abrupt level change over 1" at threshold.

### **INTERIOR ROUTE**

4. The route starts at the **west entrance and accesses all areas of the building.** Barriers encountered:
  - a. None

### **RESTROOMS**

5. The location is **men's and women's.** Barriers encountered:
  - a. These restrooms are not in compliance and have access and maneuvering problems. New accessible restrooms will have to be designed.

## INTERIOR DOORS

THESE ARE NOT BUILDING AND FIRE DEPARTMENT DOORS. (NEED TO BE SURVEYED)

6. The location is **men's restroom**. Barriers encountered:
  - a. The maneuvering clearance on the latch side of the push and pull sides are 6". (12" and 18" respectively)
  - b. Replace knobs.
7. The location is **women's restroom**. Barriers encountered:
  - a. Replace knobs.
8. The location is **lobby to reception desk area**. Barriers encountered:
  - a. The opening force is 12 lbf. (5 lbf max.)
9. The location is **reception desk area to offices**. Barriers encountered:
  - a. The opening force is 10 lbf. (5 lbf max.)
10. The location is **lobby to gym**. Barriers encountered:
  - a. The opening force is 12 lbf. (5 lbf max.)
  - b. The clear width opening is 27.5". (32" min.)
11. The location is **restrooms to gym**. Barriers encountered:
  - a. The opening force is 10.5 lbf. (5 lbf max.)
  - b. The clear width opening is 27.5". (32" min.)
12. The location is **dispatch**. Barriers encountered:
  - a. The maneuvering clearance on the latch side of the pull side is 13". (18" min)
  - b. The opening force is 11.5 lbf. (5 lbf max.)

## DRINKING FOUNTAIN

13. The location is **north hallway wall**. Barriers encountered:
  - a.
14. The location is **south hallway wall**. Barriers encountered:
  - a.



## AIRPORT TERMINAL BUILDING

### PARKING

1. The location is the **two accessible parking spaces on the west side of the building**. Barriers encountered:
  - a. The accessible spaces need to be re-striped.

### EXTERIOR ROUTE

2. This route starts at the **east end of the parking lot and leads to front entrances**. Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Need to be beveled)

### EXTERIOR DOORS

3. The location is **inner and outer doors at main entrance**. Barriers encountered:
  - a. Adjust closer to lessen the force needed to open door.
4. The location is **west emergency door**. Barriers encountered:
  - a. Broken closer needs to be fixed.
  - b. There is an abrupt level change at the threshold of 1". (Needs to be beveled)
5. The location is **back double doors to airplane**. Barriers encountered:
  - a. There is an abrupt level change at the threshold of .5". (Needs to be beveled)

### INTERIOR ROUTE

6. This route starts at the **main entrances and accesses all areas of the building**. Barriers encountered:
  - a. None

### RESTROOMS

7. The location is **men's**. Barriers encountered:
  - a. The width of the stall is 44". (59" min.)
  - b. The hardware on the stall door requires twisting to operate.
  - c. The height of the rim of the urinal is 18". (17" max.)
  - d. The height of the flush control is 48". (44" max.)
  - e. The force required to operate the flush control is 11 lbf. (5 lbf max.)
  - f. The height of the lavatory rim is 36". (34" max.)
  - g. The height of the bottom edge of the mirror is 45". (40" max.)
  - h. The hot water and drain pipes need to be insulated or covered.
8. The location is **women's**. Barriers encountered:
  - a. The width of the stall is 44". (59" min.)
  - b. The hardware on the stall door requires twisting to operate.

- c. The height of the lavatory rim is 36". (34" max.)
- d. The hot water and drain pipes need to be insulated or covered.

### **INTERIOR DOORS**

- 9. The location is **men's restroom**. Barriers encountered:
  - a. The clear opening is 29". (32" min.)
  - b. The force required to open is 10.5 lbf. (5 lbf max.)
- 10. The location is **women's restroom**. Barriers encountered:
  - a. The clear opening is 29". (32" min.)
  - b. The force required to open is 10.5 lbf. (5 lbf max.)
- 11. The location is **security door to back waiting area**. Barriers encountered:
  - a. Replace knobs.
  - b. The door remains locked and assistance is required to use door to this secured area.

### **DRINKING FOUNTAIN**

- 12. The location is **lobby on the west wall**. Barriers encountered:
  - a. The height of the spout is 40". (36" max.)

### **TELEPHONES**

- 13. The location is **lobby on the east wall**. Barriers encountered:
  - a. The width of the unit is 22". (30" min.)
  - b. The height of the lowest part of the unit is 34". (27" max.)
  - c. The height of the highest operable part of the unit is 62". (54" max.)
  - d. There is no volume control on unit.

## CITY HALL

### PARKING

1. There is no accessible parking space designated on this site. Barriers encountered:
  - a. Needs van accessible space with signage created on this site.

### EXTERIOR ROUTE

2. This route starts at the **south parking lot and runs to the southwest entrance at licensing.** Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Needs to be beveled)
  - b. Needs curb ramp at accessible parking space to transition to sidewalk.
  - c. Trim bushes that overhang the route.
3. This entrance starts at the **rear parking lot and runs to the rear entrance.** Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Needs to be beveled)

### EXTERIOR DOORS

4. The location is **door at southwest main entrance.** Barriers encountered:
  - a. Adjust the closer to lessen the force needed to open door.
  - b. The clear width opening is too narrow. (32" min)

### INTERIOR ROUTE

5. This route starts at the **rear entrance and accesses all areas of the building.** Barriers encountered:
  - a. There is a coat rack overhanging the route in east hallway.

### RESTROOMS

6. The location is **men's and women's.** Barriers encountered:
  - a. These restrooms are not in compliance and have access and maneuvering problems. Accessible restrooms have been designed in new addition to City Hall.

### INTERIOR DOORS

THESE ARE NOT CITY HALL DOORS (NOT SURVEYED)

7. The location is **men's restroom.** Barriers encountered:
  - a. Replace knobs.
8. The location is **women's restroom.** Barriers encountered:
  - a. Replace knobs
9. The location is **lobby to reception desk area.** Barriers encountered:

- a. The opening force is 12 lbf. (5 lbf max.)
- 10. The location is **reception desk area to offices**. Barriers encountered:
  - a. The opening force is 10 lbf. (5 lbf max.)
- 11. The location is **lobby to gym**. Barriers encountered:
  - a. The opening force is 12 lbf. (5 lbf max.)
  - b. The clear width opening is 27.5". (32" min.)
- 12. The location is **restrooms to gym**. Barriers encountered:
  - a. The opening force is 10.5 lbf. (5 lbf max.)
  - b. The clear width opening is 27.5". (32" min.)
- 13. The location is **dispatch**. Barriers encountered:
  - a. The maneuvering clearance on the latch side of the pull side is 13". (18" min.)
  - b. The opening force is 11.5 lbf. (5 lbf max.)

### **DRINKING FOUNTAIN**

- 14. The location is **north hallway wall**. Barriers encountered:
  - a.
- 15. The location is **south hallway wall**. Barriers encountered:
  - a.

## **GOLF COURSE BUILDING**

### **PARKING**

1. There is no accessible parking space designated on this site. Barriers encountered:
  - a. Needs van accessible space with signage created on this site.

### **EXTERIOR ROUTE**

2. This route starts at the **north parking lot and leads to snack bar entrances**. Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Needs to be beveled)

### **EXTERIOR DOORS**

3. The location is **north snack bar entrance**. Barriers encountered:
  - a. Adjust the closer to lessen the force needed to open door.
4. The location is **south snack bar entrance**. Barriers encountered:
  - a. Adjust the closer to lessen the force needed to open door.
5. The location is **south pro shop entrance**. Barriers encountered:
  - a. Adjust the closer to lessen the force needed to open door.
  - b. The hardware on the door requires twisting to operate. (Replace knob)

### **INTERIOR ROUTE**

6. This route starts at the **main entrances and accesses all areas of the building**. Barriers encountered:
  - a. The minimum clear width of the access to the men's restroom is too narrow to make two 90-degree turns.

### **RESTROOMS**

7. The location is **men's**. Barriers encountered:
  - a. The clear width of the stall door is 23". (32" min.)
  - b. The hardware on the stall door requires twisting to operate. (Replace knob)
  - c. The dimension from the side wall to the centerline of the toilet is 16". (18" min.)
  - d. The height of the toilet seat is 16". (17" to 19")
  - e. There are no grab bars in the stall.
  - f. The height of the rim of the urinal is 22.5". (17" max.)
  - g. The height of the urinal flush control is 52". (44" max.)
  - h. The depth of the lavatory is 16". (17" min.)
  - i. The hot water and drain pipes need to be insulated or covered.
  - j. Replace knobs on faucets.
8. The location is **women's**. Barriers encountered:

- a. The clear width of the stall door is 22". (32" min.)
- b. The height of the toilet seat is 15". (17" to 19")
- c. There are no grab bars in stall.
- d. The dimension from the floor to the bottom apron of the lavatory is 23". (29" min.)
- e. The hot water and drain pipes need to be insulated or covered.
- f. Replace knobs on faucets.

### **INTERIOR DOORS**

- 9. The location is **men's restroom**. Barriers encountered:
  - a. The clear opening is 29". (32" min.)
  - b. The force required to open is 10.5 lbf. (5 lbf max.)
- 10. The location is **women's restroom**. Barriers encountered:
  - a. The clear opening is 29". (32" min.)
  - b. The force required to open is 10.5 lbf. (5 lbf max.)
- 11. The location is **door from snack bar to pro shop**. Barriers encountered:
  - a. The force required to open is 10.5 lbf. (5 lbf max.)
  - b. The clear opening is 27". (32" min.)

### **DRINKING FOUNTAIN**

- 12. The location is **lobby on the west wall**. Barriers encountered:
  - a. The height of the spout is 40". (36" max.)

### **TELEPHONES**

- 13. The location is **outside snack bar south entrance**. Barriers encountered:
  - a. The width of the unit is 22". (30" min)
  - b. The height of the lowest part of the unit is 34". (27" max.)
  - c. The height of the highest operable part of the unit is 62". (54" max.)
  - d. There is no volume control on unit.

## POLICE STATION

### PARKING

1. The location is the **two accessible parking spaces on the east side of the building**. Barriers encountered:
  - a. The accessible spaces need to be re-striped.
  - b. Needs access aisle designated next to space.

### EXTERIOR ROUTE

2. This route starts at the **east side buildings parking area and leads to front entrance**. Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Needs to be beveled)
  - b. There are steps at the sidewalk and front entrance. (Needs ramp)
  - c. The sidewalk along the east side is deteriorating and has numerous level changes.
  - d. Needs curb ramp at accessible parking space to transition to sidewalk.
3. This route starts at the **east side parking area and leads to the rear employee entrance**. Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Needs to be beveled)
  - b. There are steps at the sidewalk to rear employee entrance. (Need ramp)
  - c. The sidewalk along the east side is deteriorating and has numerous level changes.
  - d. Needs curb ramp at accessible parking space to transition to sidewalk.
  - e. Trim tree on the east corner that overhangs route.

### CURB RAMPS

4. The location is the **northeast corner of the sidewalk**. Barriers encountered:
  - a. The ramp is not entirely contained within the marked crossing
  - b. The gutter has a 1:12 slope. (1:20 max.)
5. The location is the **northwest corner of the sidewalk**. Barriers encountered:
  - a. The ramp is not entirely contained within the marked crossing.
  - b. The gutter has a 1:12 slope. (1:20 max.)
  - c. The transition from the gutter to the ramp has 1" level change.

### EXTERIOR DOORS

6. The location is **doors at main entrance**. Barriers encountered:
  - a. Adjust the closer to lessen the force needed to open door.
  - b. The clear width opening is 26.5". (32" min.)
  - c. There is a 1.5" level change at the threshold. (.25" max.)
7. The location is the **rear employee entrance**. Barriers encountered:
  - a. Adjust the closer to lessen the force needed to open door.

- b. There is a 3" level change at the threshold. (.25" max.)

## **INTERIOR ROUTE**

- 8. This route starts at the **main entrances and accesses all areas of the main level of building.**

Barriers encountered:

- a. Stairs at upper and lower levels in employee area.
- 9. This route starts at the **rear entrance and accesses upper level to dispatch.**
  - a. Stairs at upper level to dispatch employee area.
  - b. Wall mounted trophy cases at stairs overhangs route at stairs and hallway 5.5". (4" max.)
  - c. Wall mounted shelves at rear exit overhangs route 11.5". (4" max.)

## **STAIRS**

- 10. The location is **stairs leading to dispatch.** Barriers encountered:

- a. The height of the handrail is 27". (34" to 38")
- b. The handrail does not extend beyond the bottom and top risers.

## **RESTROOMS**

- 11. The location is **men's.** Barriers encountered:

- a. The depth of the stall is 47.5". (69" min.)
- b. The clear width of the stall door is 30". (32" min.)
- c. The hardware of the stall door requires twisting to operate.
- d. The dimension from the side wall to the centerline of the toilet is 15.5". (18" min.)
- e. The height of the toilet seat is 16". (17" to 19")
- f. The rear grab bar is 2' long. (3' min.)
- g. The height of the rim if the urinal is 24". (17" max.)
- h. The height of the urinal flush control is 59". (44" max.)
- i. The width of the clear floor space between the urinal shields is 27". (30" min.)
- j. The hot water and drain pipes need to be insulated or covered.
- k. The height of the bottom edge of the mirror is 48". (40" max.)

- 12. The location is **women's.** Barriers encountered:

- a. The depth of the stall is 48". (69" min.)
- b. The clear width of the stall door is 30". (32" min.)
- c. The hardware on the stall door requires twisting to operate.
- d. The dimension from the side wall to the centerline of the toilet is 15.5". (18" min.)
- e. The height of the toilet seat is 16". (17" to 19")
- f. The rear grab bar is 2' long. (3' min.)
- g. The hot water and drain pipes need to be insulated or covered.
- h. The height of the bottom edge of the mirror is 49". (40" max.)
- i.



## **INTERIOR DOORS**

13. The location is **men's restroom**. Barriers encountered:
  - a. The maneuvering clearances on the latch side of the push and pull sides are 6". (12" and 18" respectively)
  - b. Replace knobs.
14. The location is **women's restroom**. Barriers encountered:
  - a. Replace knobs.
15. The location is **lobby to reception desk area**. Barriers encountered:
  - a. The opening force is 12 lbf. (5 lbf max.)
16. The location is **reception desk area to offices**. Barriers encountered:
  - a. The opening force is 10 lbf. (5 lbf max.)
17. The location is **lobby to gym**. Barriers encountered:
  - a. The opening force is 12 lbf. (5 lbf max.)
  - b. The clear width opening is 27.5. (32" min.)
18. The location is **restrooms to gym**. Barriers encountered:
  - a. The opening force is 10.5 lbf. (5 lbf max)
  - b. The clear width opening is 27.5". (32" min.)
19. The location is **dispatch**. Barriers encountered:
  - a. The maneuvering clearance on the latch side of the pull side is 13". (18" min.)
  - b. The opening force is 11.5 lbf. (5 lbf max.)

## **DRINKING FOUNTAIN**

20. The location is **lobby on the east wall**. Barriers encountered:
  - a. The water flow from the lower unit is 0". (4" min.)
21. The location is **gym on the west wall**. Barriers encountered:
  - a. None.

## **TELEPHONES**

22. The location is **lobby on the north wall**. Barriers encountered:
  - a. The width of the unit is 14.5". (30" min.)
  - b. The height of the lowest part of the unit is 30". (27" max.)
  - c. The height of the highest operable part of the unit is 59". (54" max.)
  - d. There is no volume control on the unit.

## **SEWER PLANT OFFICE**

### **PARKING**

1. The location is the **accessible parking space on the east side of the lot**. Barriers encountered:
  - a. Needs to have signage to designate accessible space.

### **EXTERIOR ROUTE**

2. This route starts at the **east side of the buildings parking lot and leads to front entrance**. Barriers encountered:
  - a. There are .25" and .5" level changes in various locations along route. (Needs to be beveled)

### **CURB RAMPS**

3. The location is the **sidewalk next to accessible parking space**. Barriers encountered:
  - a. Needs flared sides with a max. slope of 1:10.

### **EXTERIOR DOORS**

4. The location is **door at main entrance**. Barriers encountered:
  - a. Adjust the closer to lessen the force needed to open door.
5. The location is the **rear emergency exit**. Barriers encountered:
  - a. Adjust the closer to lessen force needed to open door.
  - b. Replace knobs.

### **INTERIOR ROUTE**

6. This route starts at the **main entrances and accesses all areas of the building**. Barriers encountered:
  - a. Fire extinguisher overhangs route. (Needs to be shielded)

### **RESTROOMS**

7. The location is **men's**. Barriers encountered:
  - a. The grab bars need to be adjusted.
  - b. The height of the lavatory counter top is 36". (34" max.)
  - c. The dimension from the floor to the bottom of the apron is 27". (29" min.)
  - d. The height of the bottom edge of the mirror is 47". (40" max.)
  - e. Replace knobs on faucets.
8. The location is **women's**. Barriers encountered:
  - a. The grab bars need to be adjusted.
  - b. The height of the lavatory counter top is 36". (34" max.)
  - c. The dimension from the floor to the bottom of the apron is 27". (29" min.)

- d. The height of the bottom edge of the mirror is 47". (40" max.)
- e. Replace knobs on faucet.

### **INTERIOR DOORS**

- 9. The location is **men's restroom**. Barriers encountered:
  - a. Replace knobs
- 10. The location is **women's restroom**. Barriers encountered:
  - a. Replace knobs
- 11. The location is **plant manager's office**. Barriers encountered:
  - a. Replace knobs.
- 12. The location is **breakroom**. Barriers encountered:
  - a. Move furniture to increase maneuvering clearance in breakroom.

### **DRINKING FOUNTAIN**

- 13. The location is **main hallway**. Barriers encountered:
  - a. None.

## DOG POUND

### PARKING

1. There is no accessible parking space designated on this site. Barriers encountered:
  - a. Needs van accessible space with signage created on this site.

### EXTERIOR ROUTE

2. This route starts at the **west parking lot and runs the west main entrance**. Barriers encountered:
  - a. There are various .25" to .5" level changes in various locations along route. (Needs to be beveled)
  - b. The route is not a stable, firm and slip resistant surface.

### EXTERIOR DOORS

3. The location is **door at west main entrance**. Barriers encountered:
  - a. The maneuvering clearance on the push side of the latch side is 10". (12" min.)
  - b. Replace knobs
  - c. There is an abrupt level change at the threshold of 2". (.5" max.)

### INTERIOR ROUTE

4. This route starts at the **main entrance and accesses all areas of the building**. Barriers encountered:
  - a. The lavatory in the restroom limits access to toilet.

### RESTROOMS

5. This location is **unisex**. Barriers encountered:
  - a. This restroom is not in compliance and has access and maneuvering problems.

### INTERIOR DOORS

6. The location is **unisex restroom**. Barriers encountered.
  - a. The maneuvering clearances on the latch side of the push and pull sides are not enough. (12" and 18" respectively)
  - b. The clear width opening is 22".
  - c. No maneuvering clearance inside restroom.
  - d. Replace knob.
7. The location is the **office to kennel**. Barriers encountered:
  - a. Replace knobs.

## SWIMMING POOL

### PARKING

1. There is no accessible parking space designated on this site. Barriers encountered:
  - a. Needs van accessible space with signage created on this site.

### EXTERIOR ROUTE

2. This route starts at the **west parking lot and runs to the west main entrance**. Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Needs to be beveled)
  - b. Needs curb ramp at accessible parking space to transition to sidewalk.

### EXTERIOR DOORS

3. The location is **door at west main entrance**. Barriers encountered:
  - a. Adjust the closer to lessen force needed to open door.

### INTERIOR ROUTE

4. This route starts at the **main entrance and accesses all areas of the building**. Barriers encountered:
  - a. There are counters, phone and lavatories overhanging the route.

### RESTROOMS

5. The location is **men's and women's**. Barriers encountered:
  - a. These restrooms are not in compliance and have access and maneuvering problems.

### INTERIOR DOORS

6. The location is the **two doors in series to men's restroom**. Barriers encountered:
  - a. The maneuvering clearances on the latch side of the push and pull sides are not enough. (12" and 18" respectively)
  - b. The clear width opening is 27".
  - c. Adjust the closer to lessen the force needed to open doors.
7. The location is the **two doors in series to women's restroom**. Barriers encountered:
  - a. The maneuvering clearances on the latch side of the push and pull sides are not enough. (12" and 18" respectively)
  - b. The clear width opening is 27".
  - c. Adjust the closer to lessen the force needed to open doors.

### DRINKING FOUNTAIN

8. The location is **north hallway wall**. Barriers encountered:

a.

9. The location is **south hallway wall**. Barriers encountered:

a.

### **TELEPHONES**

10. The location is **main lobby**. Barriers encountered:

- a. The width of the unit is 14.5". (30" min.)
- b. The height of the lowest part of the unit is 30". (27" max.)
- c. The height of the highest operable part of the unit is 59". (54" max.)
- d. There is no volume control on the unit.

## SENIOR CITIZEN CENTER

### PARKING

1. The location is the **three accessible parking spaces on the east side of the building**. Barriers encountered:
  - a. The accessible spaces need to be re-striped.
  - b. Needs access aisle designated next to spaces.

### EXTERIOR ROUTE

2. This route starts at the **east side of the building's parking lot and leads to front entrances**. Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Needs to be beveled)

### EXTERIOR DOORS

3. The location is **doors in series to dining room**. Barriers encountered:
  - a. Adjust the closer to lessen the force needed to open outside door.
  - b. The space between the doors is 43". (48" min.)
  - c. Replace knobs on inside door.
4. The location is the **lounge door**. Barriers encountered:
  - a. Replace knobs
  - b. There is a 1.5" level change at the threshold. (.25" max.)
5. The location is **office door**. Barriers encountered:
  - a. Replace knobs.

### INTERIOR ROUTE

6. This route starts at the **main entrance and accesses all areas of the building**. Barriers encountered:
  - a. The lavatory in the men's restroom obstructs access to accessible stall.
  - b. Move furniture to gain maneuvering clearance less than 36".

### RESTROOMS

7. The location is **men's**. Barriers encountered:
  - a. The toilet paper roll is 45" from rear wall. (36" max.)
  - b. The grab bars from the rear wall to the far support is 47". (54" min.)
  - c. The height of the rim of the urinal is 25". (17" max.)
  - d. The hot water and drain pipes need to be insulated or covered.
  - e. The dimension from the floor to the bottom of the apron is 28". (29" min.)
  - f. Replace knobs on faucet.
  - g. The height of the bottom edge of the mirror is 58". (40" max)

8. The location is **women's**. Barriers encountered:
- a. The depth of the stall is 56.5". (69" min.)
  - b. The dimension from the side wall to the centerline of the toilet is 8.5". (18" min.)
  - c. The grab bars from the rear wall to the far support is 47". (54" min.)
  - d. The door swings into the clear floor space of the lavatory.
  - e. Replace knobs on faucet.

## **INTERIOR DOORS**

9. The location is **men's restroom**. Barriers encountered:
- a. The maneuvering clearance on the latch side of the pull sides is 15". (18" min.)
  - b. Replace knobs
  - c. Adjust closer to slow down closing time.
10. The location is **women's restroom to dining room**. Barriers encountered:
- a. The maneuvering clearance on the latch side of the push and pull sides are 8" and 12". (12" and 18" respectively)
  - b. Adjust closer to slow closing time.
  - c. Replace knobs.
11. The location is **women's restroom to lounge**. Barriers encountered:
- a. The opening force is 6 lbf. (door binds on carpet)
  - b. The maneuvering clearance on the latch side of the push sides is 7". (12" min.)
  - c. The clear open width is 27.5". (32" min.)
  - d. Replace knobs.
12. The location is **lounge to offices**. Barriers encountered:
- a. Move furniture to gain maneuvering clearance on the push and pull sides of door.
  - b. Replace knobs.

## **DRINKING FOUNTAIN**

13. The location is **dining room wall**. Barriers encountered:
- a. The height of the spout is 43". (36" max.)
  - b. Move table for maneuvering clearance.



## **FIRE STATION (SOUTH)**

### **PARKING**

1. There is no accessible parking space designated on this site. Barriers encountered:
  - a. Needs van accessible space with signage created on this site.

### **EXTERIOR ROUTE**

2. This route starts at the **parking lot and runs to the south main entrance**. Barriers encountered:
  - a. There are .25" and .5" level changes in various locations along route. (Needs to be beveled)
  - b. The route is not a stable, firm and slip resistant surface.

### **EXTERIOR DOORS**

3. The location is **door at south main entrance**. Barriers encountered:
  - a. Replace knobs.
  - b. There is an abrupt level change at the threshold of 1". (.5" max.)
  - c. The landing on the outside of the door has a slope of 1:30. (1:50 max.)

### **INTERIOR ROUTE**

4. This route starts at the **south main entrance and accesses all areas of the building**. Barriers encountered:
  - a. There are tools and equipment that overhang the route.

### **RESTROOMS**

5. The location is **unisex**. Barriers encountered:
  - a. The height of the toilet seat is 15.5". (17" to 19")
  - b. There are no grab bars.
  - c. Replace the knobs on the faucets.
  - d. The height of the bottom edge of the mirror is 51". (40" max.)

### **INTERIOR DOORS**

6. The location is **unisex restroom**. Barriers encountered:
  - a. Replace knobs.
  - b. The clear open width is 27". (32" min.)

## **FIRE STATION (OLD)**

### **PARKING**

1. There is no accessible parking space designated on this site. Barriers encountered:
  - a. Needs van accessible space with signage created on this site.

### **EXTERIOR ROUTE**

2. This route starts at the **parking lot and runs to the east main entrance**. Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Needs to be beveled).
  - b. The route is not a stable, firm and slip resistant surface.

### **EXTERIOR DOORS**

3. The location is **door at east main entrance**. Barriers encountered:
  - a. Replace knobs.
  - b. There is an abrupt level change at the threshold of 7". (.5" max.)

### **INTERIOR ROUTE**

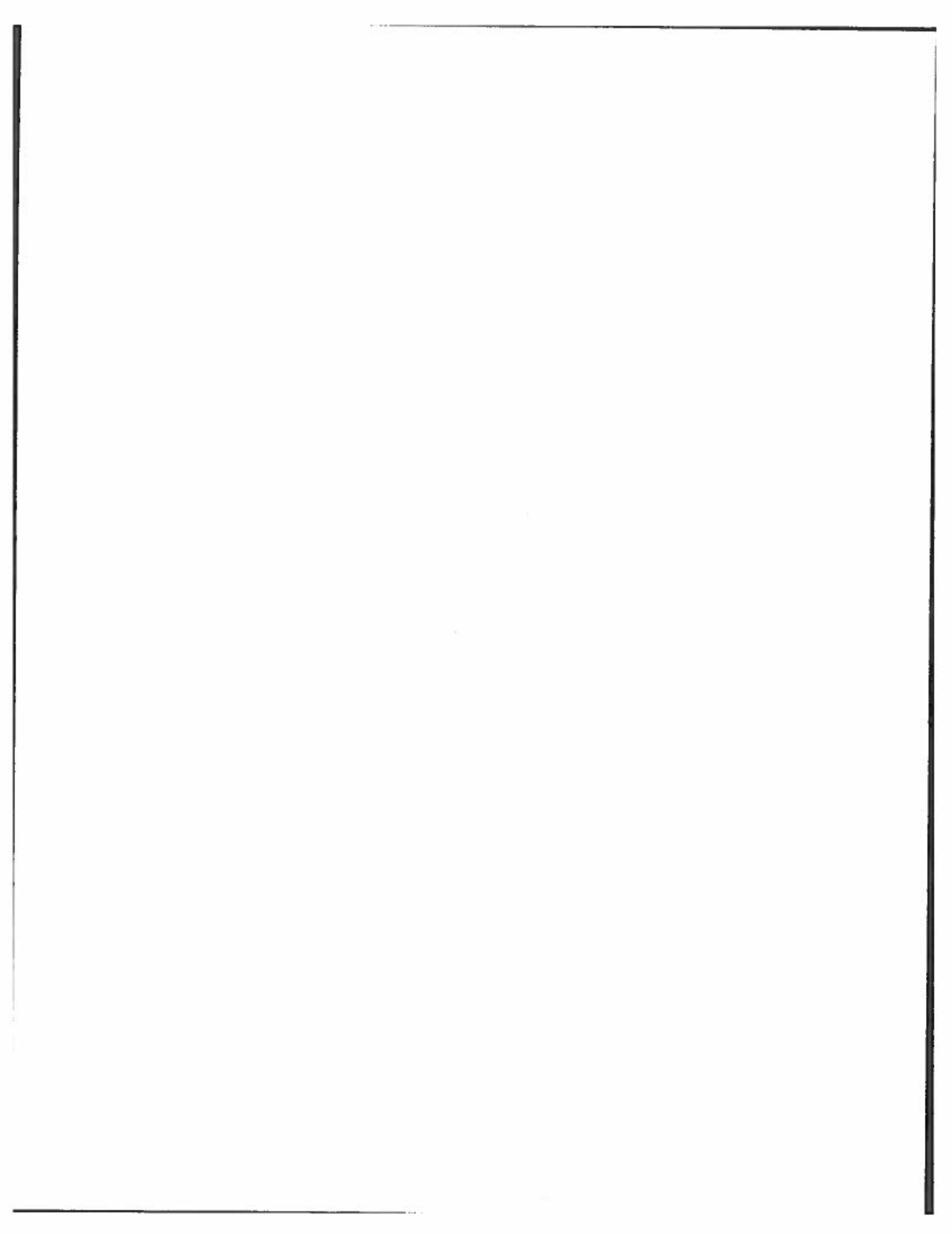
4. This route starts at the **east main entrance and accesses all areas of the building**. Barriers encountered:
  - a. The lavatory in the unisex restroom limits access to 16" at the entrance.
  - b. There are steps from the office and kitchen to the warehouse.

### **RESTROOMS**

5. The location is **unisex**. Barriers encountered:
  - a. The height of the toilet seat is 15". (17" to 19")
  - b. There are no grab bars.
  - c. The clear floor space at toilets does not meet requirements.
  - d. The dimension from the side wall to centerline of toilet is 15". (18" min.)
  - e. The clear floor space at lavatory does not meet requirements.
  - f. Replace knobs on faucets.

### **INTERIOR DOORS**

6. The location is the **unisex restroom**. Barriers encountered:
  - a. Replace knobs.
  - b. The clear open width is 27". (32" min.)
7. The location is the **typical doors throughout building**. Barriers encountered:
  - a. Replace knobs.
  - b. The clear open width is 27". (32" min.)



## **WATER DEPARTMENT**

### **PARKING**

1. There is no accessible parking space designated on this site. Barriers encountered:
  - a. Needs van accessible space with signage created on this site.

### **EXTERIOR ROUTE**

2. This route starts at the **parking lot and runs to the west main entrance**. Barriers encountered:
  - a. There are .25" and .5" level changes in various locations along route. (Needs to be beveled)
  - b. The route is not a stable, firm and slip resistant surface.

### **EXTERIOR DOORS**

3. The location is **door at west main entrance**. Barriers encountered:
  - a. Replace knobs.
  - b. There is an abrupt level change at the threshold of 2". (.5" max.)

### **INTERIOR ROUTE**

4. This route starts at the **west main entrance and accesses all areas of the building**. Barriers encountered:
  - a. None.

### **RESTROOMS**

5. The location is **men's and women's**. Barriers encountered:
  - a. The height of the toilet seat is 15". (17" to 19")
  - b. There are no grab bars.
  - c. The clear floor space at toilets does not meet requirements.
  - d. The clear floor space at lavatory does not meet requirements.
  - e. The dimension from the floor to bottom of apron is 28". (29" min.)
  - f. Replace knobs on faucets.
  - g. The hot water and drain pipes are not insulated.

### **INTERIOR DOORS**

6. The location is the **men and women restrooms**. Barriers encountered:
  - a. Replace knobs.
  - b. The clear open width is 27". (32" min.)

## MAIN SHOP

### PARKING

1. There is no accessible parking space designated on this site. Barriers encountered:
  - a. Needs van accessible space with signage crated on this site.

### EXTERIOR ROUTE

2. This route starts at the **east parking lot and runs to the east main entrance**. Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Needs to be beveled)
  - b. The route is not a stable, firm and slip resistant surface.

### EXTERIOR DOORS

3. The location is the **door at east main entrance**. Barriers encountered:
  - a. Replace knobs.
  - b. There is an abrupt level change at the threshold of .75". (.5" max.)

### INTERIOR ROUTE

4. This route starts at the **east main entrance and accesses all areas of the building**. Barriers encountered:
  - a. There are tools and equipment that overhang the route.

### RESTROOMS

5. The location is **men's**. Barriers encountered:
  - a. The hardware on the stall door requires twisting to operate.
  - b. The height of the rim of the urinal is 25.5". (17" max.)
  - c. The height of the urinal flush control is 48". (44" max.)
  - d. The lavatory is foot controlled hand-wash style.
  - e. The height of the bottom edge of the mirror is 47". (40" max.)
6. The location is **women's**. Barriers encountered:
  - a. The grab bars do not meet length requirements.
  - b. The dimension from the floor to the bottom apron on the lavatory is 28". (29" min.)
  - c. The hot water and drain pipes need to be insulated or covered.
  - d. The height of the bottom edge of the mirror is 48". (40" max.)

### INTERIOR DOORS

7. The location is **men's restroom**. Barriers encountered:
  - a. The opening force is 8 lbf. (5 lbf max.)
  - b. The height of the hardware is 52". (48" max.)

8. The location is **women's restroom**. Barriers encountered:
  - a. Replace knobs.
  - b. The opening force is 12 lbf. (5 lbf max.)
9. The location is **maintenance supervisor**. Barriers encountered:
  - a. Replace knobs
  - b. The opening force is 6 lbf. (5 lbf max.)
10. The location is **street supervisor**. Barriers encountered:
  - a. Replace knobs.
  - b. The opening force is 7 lbf. (5 lbf max.)

## **WOMEN SOFTBALL FIELDS**

### **PARKING**

1. There are no accessible parking spaces designated on this site. Barriers encountered:
  - a. Needs van accessible spaces with signage created on this site near restrooms, ball field and concession area.

### **EXTERIOR ROUTE**

2. This route starts at the **parking lot and leads to the restrooms, bleachers and concession.**  
Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Needs to be beveled)
  - b. There is an abrupt level change of 1" at the concession sidewalk and gravel. (Needs to be beveled)
  - c. The bleachers have minimum clear headroom of less than 80".
  - d. Needs paths created to give stable, firm and slip resistant surface to accessible areas of park.

### **EXTERIOR DOORS**

3. The location is **doors at men's and women's restroom.** Barriers encountered:
  - a. See main park maintenance survey.

### **RESTROOMS**

4. The location is **men's and women's.** Barriers encountered:
  - a. See main park maintenance survey.
5. The location is **women's.** Barriers encountered:
  - a. Replace the twist type knob with appropriate hardware.
  - b. The height of the toilet seat is 16.5". (17" to 19")
  - c. The depth of the lavatory is 15". (17" min)
  - d. Self-closing valves remain open for 2 seconds. (10 sec. min.)

### **DRINKING FOUNTAIN**

6. The location is **west side of concession.** Barriers encountered:
  - a. The depth of the unit is 12". (17" to 19")
  - b. The stairs under unit obstruct clear floor space.
  - c. The height of the spout is 46". (36" max.)
  - d. Replace twist type knob with appropriate hardware.

## GIRL SCOUT HOUSE

### PARKING

1. There is no accessible parking space designated on this site. Barriers encountered:
  - a. Needs van accessible space with signage created on this site.

### EXTERIOR ROUTE

2. This route starts at the **front sidewalk and leads to the tow front entrances**. Barriers encountered:
  - a. There are changes of levels greater than .5" at the steps at the sidewalk and at the entrances.
  - b. Needs curb ramp at the designated accessible parking space to the sidewalk.
  - c. There are .25" to .5" level changes in various locations along sidewalk.
  - d. Needs ramps at stairways at main entrances.

### EXTERIOR DOORS

3. The location is the **northwest entrance door**. Barriers encountered:
  - a. Replace knobs with levers or other acceptable designs.
  - b. There is a 8" step outside the threshold.
4. The location is the **northeast double doors**. Barriers encountered:
  - a. The maneuvering clearance on the outside of the door is 42". (60" min.)
  - b. Replace knobs with levers or other acceptable designs.
  - c. There is a 3" step outside the threshold.
5. The location is the **east door**. Barriers encountered:
  - a. The clear width of the doorway is 27". (32" min.)
  - b. The maneuvering clearance on the outside of the door is 42". (60" min.)
  - c. Replace knobs with levers or other acceptable designs.
  - d. There is a 3" step outside the threshold.

### INTERIOR ROUTE

6. This route starts at the **two main entrances and accesses all areas of the building**. Barriers encountered:
  - a. Narrow hallways and doorways along route of 27". (36" min.)
  - b. Wall-mounted fire extinguisher overhangs route.

### STAIRS

7. The location is the **front steps at two main entrances**. Barriers encountered:
  - a. The height of the handrail is 30-35". (34-38")
  - b. The handrail does not extend 12" beyond the top and bottom riser.



## **RESTROOMS**

8. The location is **men's**. Barriers encountered:
  - a. There is not a 60" diameter or T-shaped turning provided in this room.
  - b. The width of the clear floor space is 37". (60" min.)
  - c. The depth of the clear floor space is 62". (66" min.)
  - d. The door swings into the clear floor space.
  - e. There are no handrails provided.
  - f. The height of the sink is 30.5". (34" max.)
  - g. Replace knobs on faucet.
9. The location is **women's**. Barriers encountered:
  - a. There is not a 60" diameter or T-shaped turning provided in this room.
  - b. The width of the clear floor space is 37". (60" min.)
  - c. The depth of the clear floor space is 62". (66" min.)
  - d. The door swings into the clear floor space.
  - e. There are no handrails provided.
  - f. The height of the sink is 30.5". (34" max.)
  - g. Replace knobs on faucet.

## **INTERIOR DOORS**

10. The location is **men's restroom**. Barriers encountered:
  - a. The clear floor space is 34". (42" min.)
  - b. The clear opening width is 21.5". (32" min.)
  - c. Replace knob.
11. The location is **women's restroom**. Barriers encountered:
  - a. The clear floor space is 34". (42" min.)
  - b. The clear opening width is 21.5". (32" min.)
  - c. Replace knob.
12. The location is **typical doors along interior route**. Barriers encountered:
  - a. The clear opening width is 27.5" (32" min.)
  - b. Replace knob.

## MAIN PARK

### PARKING

1. There are no accessible parking spaces designated on this site. Barriers encountered:
  - a. Needs van accessible spaces with signage created on this site near restrooms, handball court and BBQ area.

### EXTERIOR ROUTE

2. This route starts at the **east parking lot and leads to the restrooms**. Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Needs to be beveled)
  - b. There is an abrupt level change of 1.5" at the sidewalk and restroom landing at entrance. (Needs ramp)
  - c. The parking area in front of restrooms is deteriorating and has numerous level changes at utility trench.
3. This route starts at the **tennis and ball courts parking lot and leads to those areas**. Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Needs to be beveled)
  - b. There is an electrical box and light switches that overhang route. (Needs to be shielded)
  - c. Needs curb ramp at accessible parking space to transition to sidewalk.
4. This route starts at the **BBQ parking area on the north side of the park across from the pool and leads to the BBQ areas**. Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Needs to be beveled)
  - b. Needs curb ramp at accessible parking space to transition to sidewalk.
  - c. Needs paths created to give stable, firm and slip resistant surface to accessible areas of park.

### EXTERIOR DOORS

5. The location is the **doors at men's and women's restrooms**. Barriers encountered:
  - a. None.

### RESTROOMS

6. The location is the **men's**. Barriers encountered:
  - a. The left grab bar is 3' long. (54" min. from rear wall to far support)
  - b. The height of the rim of the urinal is 22.5". (17" max.)
  - c. The height of the urinal flush control is 51.5". (44" max.)
  - d. The depth of the lavatory is 12". (17" min.)
  - e. The clearance from the floor to the bottom edge of the apron is 27". (29" min.)
  - f. Replace the twist type knob with appropriate hardware.
  - g. Self-closing valves remain open for 0 seconds. (10 second min.)

7. The location is the **women's**. Barriers encountered:

- a. The left grab bar is 3' long. (54" min. from rear wall to far support)
- b. The depth of the lavatory is 12". (17" min.)
- c. The clearance from the floor to the bottom edge of the apron is 27". (29" min.)
- d. Replace the twist type knob with appropriate hardware.
- e. Self-closing valves remain open 0 seconds. (10 second min.)

#### **BBQ AREA**

8. The location is the **BBQ area on the north side of the park across from the pool**. Barriers encountered:

- a. The depth of the knee space under the picnic tables is 9". (19" min.)

#### **DRINKING FOUNTAIN**

9. The location is the **restrooms at the east side of the park**. Barriers encountered:

- a. The depth of the unit is 12". (17" to 19")
- b. The water flow is not within 3" of the front of the unit.

## PARK MAINTENANCE BUILDING

### PARKING

1. There is no accessible parking space designated on this site. Barriers encountered:
  - a. Needs van accessible space with signage created on this site.

### EXTERIOR ROUTE

2. This route starts at the **east side of the parking lot and leads to the front entrance**. Barriers encountered:
  - a. There are changes of levels greater than .5" at the dirt driveway and sidewalk to the entrances.
  - b. There are .25" to .5" level changes in various locations along route. (Needs to be beveled)
  - c. The surface along the accessible route is not stable, firm and slip-resistant.

### EXTERIOR DOORS

3. The location is the **south main entrance door**. Barriers encountered:
  - a. Replace knobs with levers or other acceptable designs.
  - b. There is a 1" step outside threshold. (bevel)
  - c. The maneuvering clearance on the latch side of jamb is 8". (12" min.)
4. The location is the **men's and women's restroom doors**. Barriers encountered:
  - a. None.

### INTERIOR ROUTE

5. This route starts at the **main entrance and accesses all areas of the building**. Barriers encountered:
  - a. Wall-mounted fire extinguisher overhangs route.

### RESTROOMS

6. The location is the **men's**. Barriers encountered:
  - a. The depth of the stall is 60". (66" min.)
  - b. The dimension from the end wall to the far support of the grab bar is 38". (54" min.)
  - c. The height of the rim of the urinal is 24.5". (17" max.)
  - d. The height of the flush control is 54". (44" max.)
  - e. The dimension from the floor to the bottom of the apron of the lavatory is 27". (29" min.)
  - f. The height of the bottom edge of the mirror is 53". (40" max.)
7. The location is the **women's**. Barriers encountered:
  - a. The operating hardware on stall door requires twisting to operate.
  - b. The dimension from the end wall to the far support of the grab bar is 38". (54" min.)
  - c. The dimension from the floor to the bottom of the apron of the lavatory is 27". (29" min.)

- d. The height of the bottom edge of the mirror is 54". (40" max.)

### **INTERIOR DOORS**

- 8. The location is **men's restroom**. Barriers encountered:
  - a. None.
- 9. The location is **women's restroom**. Barriers encountered:
  - a. None.
- 10. The location is **office door**. Barriers encountered:
  - a. Move furniture to increase maneuvering clearance on the push side clear floor space.
  - b. Replace knob.

### **DRINKING FOUNTAIN**

- 11. The location is the **shop area south wall**. Barriers encountered:
  - a. The height of the spout is 38". (36" max.)

## **NORTHSIDE PARK**

### **PARKING**

1. There are no accessible parking spaces designated on this site. Barriers encountered:
  - a. Needs van accessible spaces with signage created on this site near restrooms, handball court and BBQ area.

### **EXTERIOR ROUTE**

2. This route starts at the **parking lot and leads to the restrooms, tennis courts and BBQ area.** Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Needs to be beveled)
  - b. There are cross slopes along sidewalk from restroom to tennis courts of 1:24. (1:50 max.)
  - c. Needs paths created to give stable, firm and slip resistant surface to accessible areas of park.
  - d. Needs curb ramp to make parking lot to sidewalk transition.

### **EXTERIOR DOORS**

3. The location is **doors at men's and women's restrooms.** Barriers encountered:
  - a. Adjust closer to lessen opening force.
4. The location is the **gates at the tennis courts.** Barriers encountered:
  - a. There is a slope of 1:24 on the outside landing.
  - b. There is an abrupt level change of 3" at threshold.

### **RESTROOMS**

5. The location is **men's.** Barriers encountered:
  - a. The grab bar is 3' long. (54" min. from rear wall to far support)
  - b. The height of the grab bar is 32". (33" to 36")
  - c. Grab bars are not on both sides of the stall.
  - d. The height of the rim of the urinal is 24". (17" max.)
  - e. The height of the urinal flush control is 45". (44" max.)
  - f. The depth of the lavatory is 15". (17" min.)
  - g. The clearance from the floor to the bottom edge of the apron is 27". (29" min.)
  - h. Self-closing valves remain open for 5 seconds. (10 second min.)
6. The location is **women's.** Barriers encountered:
  - a. The grab bar is 3' long. (54" min. from rear wall to far support)
  - b. The height of the grab bar is 32". (33" to 36")
  - c. Grab bars are not on both sides of the stall.
  - d. The depth of the lavatory is 15". (17" min.)
  - e. The clearance from the floor to the bottom edge of the apron is 27". (29" min.)

- f. Self-closing valves remain open for 5 seconds. (10 second min.)

### **BBQ AREA**

- 7. The location is the **BBQ area on the north side of the park across from the pool.** Barriers encountered:
  - a. The depth of the knee space under the picnic table is 9". (19" min.)

### **DRINKING FOUNTAIN**

- 8. The location is the **restrooms at the east side of the park.** Barriers encountered:
  - a. The depth of the unit is 12". (17" to 19")

## RIVER VIEW PARK

### PARKING

1. There are no accessible parking spaces designated on this site. Barriers encountered:
  - a. Needs van accessible spaces with signage created on this site near restrooms, handball court, and BBQ area.

### EXTERIOR ROUTE

2. This route starts at the **east parking lot and leads to the ball fields, BBQ area and the playground.** Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Needs to be beveled)
  - b. Needs paths created to give stable, firm and slip resistant surface to accessible areas of the park.
3. This route starts at the **tennis courts parking lot and leads to the tennis areas.** Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Needs to be beveled)
  - b. There is an electrical box and light switches that overhang the route. (Needs to be shielded)
  - c. Needs curb ramp at accessible parking space to transition to sidewalk.
4. This route starts at the **west parking area and leads to the BBQ areas, restrooms and ball fields.** Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Needs to be beveled)
  - b. There is a slope from sidewalk down to ball field bleachers of 1:5. (1:12 max.)
  - c. Needs paths created to give stable, firm and slip resistant surface to accessible areas of park.

### CURB RAMPS

5. The location is the **east parking lot southeast and northeast ramps from the parking area to the sidewalk.** Barriers encountered:
  - a. The sides of the ramps need to be flared. (1:10 max.)
  - b. There is an abrupt level change at bottom of ramp.
6. The location is the **west parking lot southwest and northwest ramps from the parking area to the sidewalk.** Barriers encountered:
  - a. The sides of the ramps need to be flared. (1:10 max.)
  - b. There is an abrupt level change at bottom of the ramp.

### EXTERIOR DOORS

7. The location is the **doors at the men's and women's restrooms.** Barriers encountered:
  - a. There is an abrupt level of 1" at the entrance. (Needs to be beveled)



8. The location is the **gates at tennis courts**. Barriers encountered:
- a. Surface of tennis courts is broken up at the threshold.
  - b. There is an abrupt level change of 2" at thresholds. (.5" max.)
  - c. There is a slope of 1:8 at the east gate.

### **RESTROOMS**

9. The location is the **men's**. Barriers encountered:
- a. The clear opening width of the stall door is 30.5" (32" min.)
  - b. The hardware on the stall door requires twisting to operate.
  - c. The height of the toilet seat is 16". (17" to 19")
  - d. The left grab bar is 3' long. (54" min. from rear wall to far support)
  - e. The height of the rim of the urinal is 24.5". (17" max.)
  - f. The height of the urinal flush control is 50". (44" max.)
  - g. The clearance from the floor to the bottom edge of the apron is 28". (29" min)
  - h. Replace the twist type knob with appropriate hardware.
10. The location is the **women's**. Barriers encountered:
- a. The clear opening width of the stall door is 30.5". (32" min.)
  - b. The hardware on the stall door requires twisting to operate.
  - c. The height of the toilet seat is 16". (17" to 19")
  - d. The left grab bar is 3' long. (54" min. from rear wall to far support)
  - e. The clearance from the floor to the bottom edge of the apron is 28". (29" min.)
  - f. Replace twist type knob with appropriate hardware.

### **BBQ AREA**

11. The location is the **BBQ area on the northwest side of the park next to the restrooms**. Barriers encountered:
- a. The depth of the knee space under the picnic tables is 7". (19" min.)

## **BABE RUTH PARK**

### **PARKING**

1. There is no accessible parking space designated on this site. Barriers encountered:
  - a. Needs van accessible spaces with signage created on this site near restrooms, ball field and concession area.

### **EXTERIOR ROUTE**

2. This route starts at the **parking lot and leads to the bleachers and concession**. Barriers encountered:
  - a. There are various .25" to .5" level changes in various locations along route. (Needs to be beveled)
  - b. The bleachers have minimum clear headroom of less than 80".
  - c. Needs paths created to give stable, firm and slip resistant surface to accessible areas of park.
3. This route starts at the **horse shoe pits parking lot and leads to the restrooms and pits**. Barriers encountered:
  - a. There are various .25" to .5" level changes in various locations along route. (Needs to be beveled)
  - b. There is an abrupt level change of 1" at the gate to the horse shoe pits. (Needs to be beveled)
  - c. Needs paths created to give stable, firm and slip resistant surface to accessible areas of the horse shoe pits.

### **CURB RAMPS**

4. The location is the **horse shoe pits parking area sidewalk**. Barriers encountered:
  - a. There is an abrupt level change at the bottom of the ramp of 1". (.5" max.)

### **EXTERIOR DOORS**

5. The location is the **doors at the men's and women's restrooms**. Barriers encountered:
  - a. None.

### **RESTROOMS**

6. The location is the **men's**. Barriers encountered:
  - a. The height of the toilet seat is 15". (17" to 19")
  - b. There are no grab bars in the stall.
  - c. The height of the rim of the urinal is 21". (17" max.)
  - d. The height of the urinal flush control is 48". (44" max.)
  - e. The depth of the lavatory is 15". (17" min.)

- f. The dimension from the floor to the bottom of the apron is 23.5" (29" min.)
  - g. Self-closing valves remain open for 2 seconds. (10 second min.)
  - h. The height of the mirror is 50". (40" max.)
7. The location is the **women's**. Barriers encountered:
- a. The height of the toilet seat is 15" (17" min.)
  - b. There are no grab bars in the stall.
  - c. The depth of the lavatory is 15". (17" min.)
  - d. The dimension from the floor to the bottom of apron is 23.5". (29" min.)
  - e. Self-closing valves remain open 2 seconds. (10 second min.)
  - f. The height of the mirror is 50". (40" max.)

#### **DRINKING FOUNTAIN**

8. The location is the **west side of the concession**. Barriers encountered:
- a. The depth of the unit is 12". (17" to 19")

## **LITTLE LEAGUE FIELDS**

### **PARKING**

1. There are no accessible parking spaces designated on this site. Barriers encountered:
  - a. Needs van accessible spaces with signage created on this site near restrooms, ball fields and concession area.

### **EXTERIOR ROUTE**

2. This route starts at the parking lot and leads to the restrooms, bleachers and concession. Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Needs to be beveled)
  - b. There is an abrupt level change of 1" at the concession sidewalk and gravel. (Needs to be beveled)
  - c. The bleachers have minimum clear headroom of less than 80".
  - d. Needs paths created to give stable, firm and slip resistant surface to accessible areas of the park.

### **EXTERIOR DOORS**

3. The location is the doors at the men's and women's restroom. Barriers encountered:
  - a. See main park survey.

### **RESTROOMS**

4. The location is men's and women's. Barriers encountered:
  - a. See main park survey.

## SOFTBALL FIELDS

### PARKING

1. There are no accessible parking spaces designated on this site. Barriers encountered:
  - a. Needs van accessible spaces with signage created on this site near restrooms, ball fields and concession area.

### EXTERIOR ROUTE

2. This route starts at the **parking lot and leads to the restrooms, bleachers and concession.**  
Barriers encountered:
  - a. There are .25" to .5" level changes in various locations along route. (Needs to be beveled)
  - b. There is an abrupt level change of 1" at the concession sidewalk and gravel. (Needs to be beveled)
  - c. The bleachers have minimum clear headroom of less than 80".
  - d. Needs paths created to give stable, firm and slip resistant surface to accessible areas of the park.

### EXTERIOR DOORS

3. The location is **doors at men's and women's restrooms.** Barriers encountered:
  - a. None.

### RESTROOMS

4. The location is the **men's.** Barriers encountered:
  - a. Replace twist type knob on stall door with appropriate hardware.
  - b. The height of the toilet seat is 15". (17" to 19")
  - c. The height of the rim of the urinal is 19". (17" max.)
  - d. The height of the urinal flush control is 46". (44" max.)
  - e. The depth of the lavatory is 15" (17" min.)
  - f. Self-closing valves remain open for 2 seconds. (10 second min.)
5. The location is the **women's.** Barriers encountered:
  - a. Replace twist type knob on stall door with appropriate hardware.
  - b. The height of the toilet seat is 16.5". (17" to 19")
  - c. The depth of the lavatory is 15". (17" min.)
  - d. Self-closing valves remain open for 2 seconds. (10 second min.)

### DRINKING FOUNTAIN

6. The location is the **west side of concession.** Barriers encountered:
  - a. The depth of the unit is 12" (17" to 19")
  - b. The stairs under unit obstruct clear floor space.

- c. The height of the spout is 46". (36" max.)
- d. Replace twist type knob with appropriate hardware.

# **CITY OF ELKO NEVADA ADA TRANSITION PLAN**



January 2019

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## CONTENTS

<b>1</b>	<b>INTRODUCTION.....</b>	<b>3</b>
1.1	MISSION .....	3
1.2	PURPOSE .....	3
1.3	BACKGROUND/REQUIREMENTS .....	3
1.3.1	Section 504 of the Rehabilitation Act of 1973 .....	3
1.3.2	Americans with Disabilities Act of 1990.....	3
1.4	STATEMENT OF POLICY .....	4
<b>2</b>	<b>ADA/504 PROGRAM ADMINISTRATION .....</b>	<b>5</b>
2.1.1	ADA/504 Coordinator.....	5
2.1.2	Contact for ADA/504 Coordinator .....	6
2.2	COORDINATION WITH OTHER STATE/LOCAL PLANS .....	6
2.3	COMMUNICATIONS.....	6
2.3.1	Notice to the Public.....	6
2.3.2	Training.....	6
2.3.3	Public Outreach.....	6
2.3.4	Website .....	6
<b>3</b>	<b>ADA GRIEVANCE PROCEDURE.....</b>	<b>8</b>
3.1	PROCEDURE.....	8
3.1.1	Filing a Complaint.....	8
3.1.1.1	On-Line Complaint Form .....	8
3.1.1.2	Telephone.....	8
3.1.1.3	Email Communications.....	9
3.1.1.4	Alternative Methods .....	9
3.1.2	Complaint Investigation and Resolution .....	9
3.1.3	Appealing the Resolution .....	9
<b>4</b>	<b>SELF ASSESSMENT .....</b>	<b>10</b>
4.1	PUBLIC INFORMATION ACCESS .....	10
4.1.1	Website .....	10
4.1.2	Public Meetings.....	10
4.2	FACILITIES/BUILDINGS.....	11

4.3	PUBLIC RIGHTS-OF-WAY.....	11
5	TRANSITION PLAN.....	11
5.1	ACTIONS FOR ACHIEVING ADA COMPLIANCE.....	11
5.1.1	Prioritization Criteria.....	11
5.1.2	Timing.....	11
5.1.3	Technically Infeasible Locations.....	12
5.2	TECHNICAL COMPLIANCE -- DESIGN STANDARDS.....	12
6	APPENDIXES.....	13
6.1	ADDITIONAL REFERENCE INFORMATION.....	13
6.1.1	Web-Links.....	13
6.2	GLOSSARY OF TERMS.....	14
6.3	ALTERATIONS THROUGH RESURFACING.....	17
6.4	NOTICE TO THE PUBLIC.....	21
6.5	COMPLAINT FORM.....	23
6.6	ADA FEATURE INVENTORY.....	23
6.7	ADA 5 YEAR PLAN OF PROJECTS.....	23

## **1 INTRODUCTION**

### **1.1 MISSION**

It is the City of Elko's mission to provide a better transportation system for the City of Elko through unified and dedicated efforts.

### **1.2 PURPOSE**

The purpose of the following Transition Plan is to provide the City of Elko staff, state and local partners, and the citizens of the City of Elko, City of Elko's policies and procedures, and practices to fulfill the requirement of Section 504 of the Rehabilitation Act of 1973 and Title II of the Americans with Disabilities Act of 1990. Additionally, this Transition Plan provides information about the City of Elko's efforts to ensure equal accessibility to City of Elko programs and services as well as outlining how the City of Elko will transition from non-compliance to compliance with ADA for public rights of way accessibility.

### **1.3 BACKGROUND/REQUIREMENTS**

#### **1.3.1 Section 504 of the Rehabilitation Act of 1973**

Section 504 of the Rehabilitation Act makes it illegal for the federal government, federal contractors and state and local governments receiving federal funds to discriminate on the basis of disability. It requires state and local governments ensure persons with disabilities have equal access to any programs, services or activities receiving federal funding. It also requires them to ensure their employment practices do not discriminate on the basis of disability.

#### **1.3.2 Americans with Disabilities Act of 1990**

The Americans with Disabilities Act (ADA) was signed into law in 1990. The ADA builds upon the requirements of Section 504 of the Rehabilitation Act and is an important civil rights legislation that prohibits discrimination against people on the basis of disability. This act ensures people with disabilities have equal rights and opportunities as able-bodied people. The ADA is comprised of the following five titles that cover different aspects of public life:

- Title I (Employment)
- Title II (State and Local Government)
- Title III (Public Accommodations)
- Title IV (Telecommunications)
- Title V (Miscellaneous Provisions)

The focus of this Transition Plan is Title II of the ADA which applies to state and local governments and the programs, services and activities they provide. As a municipal government, the City of Elko must ensure

its programs, services and activities provided to the public are accessible to individuals with disabilities regardless of the source of funding. Under Title II, the City of Elko must meet the following requirements:

- Designate an ADA/Section 504 Coordinator responsible for coordinating the City of Elko's efforts to comply with and carry out its responsibilities under Title II
- Make available to applicants, participants, beneficiaries, and other interested parties information regarding Title II and its applicability to the services, programs or activities of the City of Elko. (Notice to the Public)
- Complete a self-assessment of services, policies and practices on compliance with the requirements of Title II
- Adopt and publish a grievance procedure for complaints alleging any action that violates Title II
- Develop a Transition Plan to address how and when the City of Elko will correct the identified accessibility deficiencies

#### 1.4 STATEMENT OF POLICY

The City of Elko is committed to full compliance with Title II of the Americans with Disabilities Act of 1990, Section 504 of the Rehabilitation Act of 1973 and all related regulation, laws, executive orders and directives.

The Public Works Director for the City of Elko, as the ultimate responsible person for Title II and Section 504 compliance, assures that no qualified individual with a disability shall, on the basis of disability, be excluded from participate in or be denied the benefits of the services, programs or activities of a public entity, or be subjected to discrimination by an public entity.

## **2 ADA/504 PROGRAM ADMINISTRATION**

### **2.1.1 ADA/504 Coordinator**

The role of the ADA/504 Coordinator is to manage all programs and policies related to compliance with the Americans with Disabilities Act (ADA), Section 504 of the Rehabilitation Act of 1973, Title II, Title VI, and other federal and state laws associated with regulations for persons with disabilities. The ADA/504 Coordinator will act as the primary contact for all public outreach pertaining to discriminations against persons of disabilities.

The ADA/504 Coordinator will address complaints, investigate formal grievances, and track the overall progress of the implementation of the Transition Plan. In addition, the ADA/504 Coordinator will coordinate a multidisciplinary approach to implement and manage the City of Elko's ADA/504 compliance effort. This effort includes developing policies and procedures for the City of Elko and providing technical support for planning, design, and construction efforts.

---

### 2.1.2 Contact for ADA/504 Coordinator

Dennis Strickland  
Public Works Director  
City of Elko  
171 College Avenue  
Elko, NV 89801  
O: (775) 777-7241  
F: (775) 777-7249  
Email: [dstrickland@elkocitynv.gov](mailto:dstrickland@elkocitynv.gov)

## 2.2 COORDINATION WITH OTHER STATE/LOCAL PLANS

Communication and coordination with other government agencies is an important and necessary practice to ensure the proper implementation of accessibility features and ongoing maintenance of ADA compliance. The City of Elko will continue to communicate and coordinate accessibility needs within public rights-of-way to identify partnering opportunities and working with other public agencies to improve and maintain safe and accessible facilities along City of Elko routes.

The City of Elko coordinates with the County of Elko and with the Nevada Department of Transportation (NDOT) regarding accessibility and ADA compliance issues.

## 2.3 COMMUNICATIONS

Relating to Section 35.160(a) of the Americans with Disabilities Act, "A public entity shall take appropriate steps to ensure that communications with applicants, participants, and members of the public with disabilities are as effective as communications with others". The City of Elko will continue to strive to provide equally effective communications with all persons of the public.

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### 2.3.1 Notice to the Public

The City of Elko is committed to providing and ADA Notice to the Public about their rights and the City of Elko's responsibilities under Title II of ADA. The City of Elko is in the process of developing this Notice to the Public.

---

### 2.3.2 Training

### 2.3.3 Public Outreach

### 2.3.4 Website

In Compliance with Section 504 of the Rehabilitation Act, the City of Elko has made their information accessible to the public via the City of Elko's website.

The general public is encouraged to inform the City of Elko of any problems with accessibility they may encounter within their daily travel along public access routes.



### 3 ADA GRIEVANCE PROCEDURE

28 CFR 35.107(b) requires a public entity that employs more than 50 people to adopt and publish a grievance procedure providing for the prompt and equitable resolution of complaints alleging discrimination on the basis of disability access to any governmental services provided by the entity.

The resolution of any complaint or inquiry will require reviewing the nature of the noncompliance, establishing governing entities and reviewing options for accommodating remedies to the location of interest. In determining possible solution to the issue, the City of Elko will consider the health and safety of others, the feasibility of alterations, the cost of the possible solutions, availability of funding, ease of implementation and how the solution compares in priority to other proposed ADA projects. The resolution of any one complaint or inquiry by the City of Elko does not constitute a precedent upon which the City of Elko is bound to or which the informant party shall solely rely.

The City of Elko will take steps to ensure communications with members of the public, notifying when the ADA complaints are addressed appropriately. Guidelines established within the following Grievance Procedures are intended to safeguard the processing of all City of Elko associated ADA/504 concerns.

#### 3.1 PROCEDURE

##### 3.1.1 Filing a Complaint

All complaints should be submitted to the City of Elko's ADA/504 Coordinator within 90 calendar days after the alleged discrimination. A complaint may be submitted in writing via e-mail or the US Postal Service, or via telephone. City of Elko employees with concerns regarding ADA or discriminatory issues should contact their human resources or personnel representative.

To ensure prompt and equitable resolution of complaints, the City of Elko allows for multiple methods or filing a complaint regarding disability based discrimination, outlined in the following sections.

##### 3.1.1.1 On-Line Complaint Form

The City of Elko is in the process of developing an on-line complaint form.

##### 3.1.1.2 Telephone

A verbal complaint may be submitted to the City of Elko via telephone communication. As a result of the telephone conversation, the City of Elko's ADA/504 Section representative will make a written record on behalf of the calling party.

#### 3.1.1.3 Email Communications

A complaint may be submitted to the ADA/504 Section via the City of Elko's ADA Program email address: [dstrickland@elkocitynv.gov](mailto:dstrickland@elkocitynv.gov).

The ADA/504 Section staff will respond to the submitted email and make a written record complaint.

#### 3.1.1.4 Alternative Methods

None at this time.

---

### 3.1.2 Complaint Investigation and Resolution

Within 15 calendar days of receiving a complaint, the ADA/504 Coordinator or designated representative will contact the party (complainant) and will confirm the complaint details.

Once the complaint details are verified through phone coordination and/or an in-person meeting with the complainant, the ADA/504 Coordinator or designated representative will verify jurisdiction, investigate the accessibility issue and provide a response to the complainant within 45 calendar days, using the most appropriate format, outlining the investigation findings and proposed solution. If the accessibility issue is not within the City of Elko's jurisdiction, they the ADA/504 Coordinator will contact and forward the complaint to the associate agency and notify the complainant.

---

### 3.1.3 Appealing the Resolution

If the complainant is not satisfied with the final decision made by the ADA/504 Coordinator, the complainant may appeal the decision to the City Manager. The appeal must be filed within 15 calendar days of receiving the final decision. With 15 calendar days of receiving the appeal, the City Manager will contact the individual filing the appeal to discuss the matter. The City Manager will review the complaint file and complete any additional investigation required to address the appeal. After completing the review of the file and investigating the matter, the City Manager shall provide a response in the most appropriate format. The response shall be provided within 15 working days after the City Manager initially contacted the individual about the appeal. The response to the appeal shall be documented and kept on file in the ADA/504 Section for a minimum of 3 years.

## 4 SELF ASSESSMENT

The first step to developing an ADA Transition Plan is to obtain an inventory of barriers and identify the existing condition of accessibility of public information and feature on City of Elko owned facilities and public rights-of-way.

### 4.1 PUBLIC INFORMATION ACCESS

#### 4.1.1 Website

In its efforts to maintain public accessibility, the City of Elko has placed a high priority on ensuring its website information is accessible and relatable to all citizens. The ADA/504 Section of the City of Elko will continue to strive for public accessibility on its public webpages to better reflect ADA and Section 508 Rehabilitation Act needs and requirements. Webpage implementation will go through a periodic internal review process to ensure optimal accessibility quality.

#### 4.1.2 Public Meetings

All public meetings and hearings held by the City of Elko are required to be accessible to all persons of the public. Public meetings, training sessions, or other programs or events must be in an accessible location and provide necessary accommodations to all persons as indicated as such on a meeting notice to the public. Further guidance regarding meeting accommodations for accessibility can be obtained on the U.S. Department of Justice webpage, [Accessible Information Exchange: Meeting on a Level Playing Field](#).

The City of Elko will provide qualified interpreters upon request and can provide documents in an accessible electronic format or other alternative formats such as large print. Requests for such accommodations at meetings or events should be made with as much advance notice as possible prior to the meeting or event.

Requests for accommodation at a meeting or event should include the following information:

- The requestor's name, address, email address, and telephone number (if any)
- A description of the meeting or event, including the location of the meeting or event
- A brief description of what accommodation is needed, (e.g. interpreters, alternative format of materials, etc.)

Requests for accommodations regarding meetings or events can be made via telephone or by sending an email to [kwilkinson@elkocitynv.gov](mailto:kwilkinson@elkocitynv.gov).

The City of Elko's ADA/504 Coordinator, or designee, will respond to the request at least 24 hours before the scheduled time of the meeting or event.

## 4.2 FACILITIES/BUILDINGS

The City of Elko has made ADA upgrades to all publicly accessed facilities.

## 4.3 PUBLIC RIGHTS-OF-WAY

The City of Elko is updating areas within the public right-of-way as new construction or reconstruction occurs. (see attached street inventory)

# 5 TRANSITION PLAN

## 5.1 ACTIONS FOR ACHIEVING ADA COMPLIANCE

As a general practice, the City of Elko updates curb ramps as part of its Pavement Rehabilitation Program, where right-of-way and funding allow. It is the intent of this Transition Plan to further the City of Elko's efforts by incorporating a holistic approach to its ADA projects and not focus solely on curb ramps.

---

### 5.1.1 Prioritization Criteria

**Safety** – factors considered include number and/or type of pedestrian crashes, traffic volume, and the functional classification of the roadway, which indicates the character of the roadway in terms of accessibility and mobility.

**Existing Conditions** – Identifies level of compliance with ADA standards in terms of curb ramps, sidewalk irregularities due to vertical differences, horizontal gaps and slopes, location of pedestrian push buttons, pedestrian access route considering sidewalk width and length, and residential driveways slope and cross slope requirements.

**Complaints** – number of complaints.

**Pedestrian Generators** – factors in the density and types of services or facilities that have pedestrian traffic, such as essential services in the form of government services, hospitals, emergency services, and schools; transit stops; attraction such as stores, recreational facilities and libraries; and residential developments.

---

### 5.1.2 Timing

The City of Elko is in the process of completing a survey of pedestrian facilities with its right-of-way. This survey will generate a report of noncompliant locations. The City of Elko will then analyze that report and establish potential projects to bring those deficiencies into compliance. As potential projects are

identified, they will be evaluated using established criteria to determine their priority in the program and to generate a list of proposed projects for future years.

This list will be further refined considering other factors that impact project delivery such as environmental requirements, rights-of-way requirements, constructability and logical sequence to the projects to maximize the provided funding for ADA projects. Then a list will be generated to be used to incorporate the projects into the City of Elko's annual work program. Adjustments to the list may be made as the projects proceed through the delivery process and issues arise.

---

#### 5.1.3 Technically Infeasible Locations

Any existing City of Elko pedestrian facility or features being altered shall be made accessible to the maximum extent feasible within the scope of the alteration.

The City of Elko recognizes that there are locations where it is "technically infeasible" to bring the facilities or features into full compliance due to existing physical site constraints. Alterations to features, spaces, or facilities within the public rights-of-way are considered technically infeasible when existing physical site constraints such as underlying terrain, right-of-way availability, underground structures, adjacent developed facilities, drainage, or the presence of a notable natural or historic feature, make it impracticable to bring the altered elements into compliance. (United States Access Board (PROWAG), 2011, p.20)

For these locations, the City of Elko will address any accessibility deficiencies as feasible to ensure maximum compliance is achieved on the alteration project. If alterations are determined technically infeasible to achieve ADA compliance, then the pedestrian facility and features shall be documented with justification, approved by the City's Public Works Director and identified as a project, and addressed as soon as possible when budget allows. If alterations are determined structurally impracticable to achieve ADA compliance, then the pedestrian facility and features shall be documented with justification and approved by the Public Works Director.

Technical infeasibility does not apply for new construction. All new construction projects including pedestrian facilities or features shall meet current ADA standards unless it is structurally impracticable (See 28 DFR 35.1151(a)(2)).

### 5.2 TECHNICAL COMPLIANCE – DESIGN STANDARDS

[http://www.elkocity.com/departments/engineering\\_department/standard\\_details/index.php](http://www.elkocity.com/departments/engineering_department/standard_details/index.php)

## 6 APPENDIXES

### 6.1 ADDITIONAL REFERENCE INFORMATION

#### 6.1.1 Web-Links

The following website links provide further information pertaining to Title II ADA and Section 504:

- USDOT and USDOT Joint Technical Assistance on when curb ramps are required with resurfacing  
[http://www.fhwa.dot.gov/civilrights/programs/doj\\_fhwa\\_ta.cfm](http://www.fhwa.dot.gov/civilrights/programs/doj_fhwa_ta.cfm)
- Glossary of Terms for Resurfacing  
[http://www.fhwa.dot.gov/civilrights/programs/doj\\_fhwa\\_ta\\_glossary.cfm](http://www.fhwa.dot.gov/civilrights/programs/doj_fhwa_ta_glossary.cfm)
- FHWA's Accessibility Resource Library  
<http://www.fhwa.dot.gov/accessibility/index.cfm>
- U.S. Access Board's Proposed Guidelines for Pedestrian Facilities in the Public Rights-of-way  
[Public Rights-of-Way Accessibility Guidelines \(PROWAG\) Notice of Proposed Rule Making, July 26, 2011](http://www.access-board.gov/guidelines-and-standards/buildings-and-sites/about-the-ada-standards/ada-standards)
- Federal regulations containing ADA standards  
<http://www.gpo.gov/fdsys/pkg/CFR-2012-title49-vol1/pdf/CFR-2012-title49-vol1-part37.pdf>
- U.S. Access Board's ADA standards  
<http://www.access-board.gov/guidelines-and-standards/buildings-and-sites/about-the-ada-standards/ada-standards>
- Questions and Answers for ADA/Section 504  
[http://www.fhwa.dot.gov/civilrights/programs/ada\\_sect504qa.cfm](http://www.fhwa.dot.gov/civilrights/programs/ada_sect504qa.cfm)

## 6.2 GLOSSARY OF TERMS

**Accessible:** Describes a site, building, facility, or portion thereof that, under the DOT, complies with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act.

**Accessible Pedestrian Signal (APS):** A communication device located at traffic signals allowing for pedestrian walk phases using non-visual cues such as, audible tones, vibrotactile features or auditory announcements.

**Accessible Route:** An unobstructed, continuous route for pedestrian travel along a public sidewalk, crosswalk or ramp.

**ADA Accessibility Guidelines (ADAAG):** Also known as the 2010 ADA Standards for Accessible Design, used by NDOT as a supplemental standard under Section 504 of the Rehabilitation Act, contains the scoping and technical requirements for accessibility to buildings and facility sites.

**Alteration:** A change to a facility within the public rights-of-way which may affect access, circulation or use. See Appendix 6.3 for further explanation and examples of alterations related to resurfacing and maintenance.

**Blended Curb Transition:** A curb ramp where the sidewalk is blended into or flush with the street.

**Civil Rights Act of 1991:** To amend the Civil Rights Act of 1964 to strengthen and improve Federal Civil Rights laws, to provide for damages in cases of intentional employment discrimination, to clarify provisions regarding disparate impact actions, and for other purposes.

**Cross Slope:** The slope that is perpendicular to the direction of travel. (See running slope)

**Crosswalk:** A marked path across a roadway providing guidance for pedestrians who are crossing roadways by defining and delineating paths on approaches to and within signalized intersections, and on approaches to other intersections where traffic stops. At non-intersection locations, crosswalk markings legally establish the crosswalk. (FHWA Manual on Uniform Traffic Control Devices 2009 Edition, Sect. 3B.18, p. 383)

**Curb:** A vertical or rolled transition from the roadway or gutter to the sidewalk or planting strip.

**Curb Ramp:** A short ramp cutting through a curb or built up to it.

**Detectible Warning:** A standardized surface feature built in or applied to a walking surface or other elements along a public access path to warn visually impaired persons of a hazard.

**Driveway:** A vehicular path serving as an access point to public roadway from adjacent properties.

**Egress:** A continuous and unobstructed way of exit travel from any point in a building or facility to a public way. A means of egress comprises vertical and horizontal travel which may include doorways, corridors or ramps.

**Element:** An architectural or mechanical component of a facility, space, site or public rights-of-way.

**Facility:** All or any portion of buildings, structures, site improvements, equipment, roads, walks, passageways, parking lots or other real or personal property located on a public rights-of-way.

**Grade:** The slope that is parallel to the direction of travel expressed as a ratio of rise to run, usually expressed in percent.

**Locator Tone:** A repeating audio cue which identifies the location of a pedestrian push button.

**Manual on Uniform Traffic Control Devices (MUTCD):** Issued by the Federal Highway Administration (FHWA) as a standard for designing, installing, and using traffic signs, road surface markings, and signals.

**Parallel Curb Ramp:** A system of two sloped ramps that run parallel to the curb line from a common lower landing which is approximately level with the street.

**Pedestrian Access Route (PAR):** Any walk or path intended for pedestrian movement or activity.

**Perpendicular Curb Ramp:** A curb ramp with a main slope running perpendicular to the curb line. May include one or more flared side slopes.

**Public Rights-of-way (ROW or R/W):** A type of easement granted or reserved over the land for transportation purposes, this can be for highway, public footpath, bike trails or electrical transmission lines.

**Public Right of Way Accessibility Guidelines (PROWAG):** Used by NDOT as its primary design standard for accessibility design within NDOT public right-of-way. Contains the scoping and technical requirements for accessibility to facilities for pedestrian circulation and use located in the public right-of-way.

**Ramp:** A sloped portion of walkway with a running slope greater than 1:20 or 5%.

**Running Slope:** The slope which is parallel to the direction of travel expressed as a ratio of rise to run, usually expressed in percent.

**Sidewalk:** The portion within the public rights-of-way which is improved for use by pedestrians.

**Signage:** Graphical information displayed as, symbols, emblems, words, tactile or pictorial information.

**Street Furniture:** Elements in the public rights-of-way which are intended for use by pedestrians such as benches, mailboxes, and other usable equipment.

**Structurally Impracticable:** Full compliance will be considered structurally impracticable only in those rare circumstances when the unique characteristics of the terrain prevent the incorporation of accessibility features. Any portion of a facility that can be made accessible shall be made accessible to the extent that it is not structurally impracticable. (See 28 CFR 35.151(a)(2))

**Tactile:** Describes an object which can be perceived using the sense of touch.

**TTY (Tele-Typewriter):** A device similar to a typewriter which has a small readout. Employs interactive text based communications through the transmission of coded signals across the standard telephone



network. Text telephones are also sometimes referred to as TTD (telecommunication devices for deaf persons) machines, however not common.

## 6.3 ALTERATIONS THROUGH RESURFACING



U.S. Department of Justice  
Civil Rights Division  
Disability Rights Section



U.S. Department of  
Transportation  
Federal Highway  
Administration

### **Department of Justice/Department of Transportation Joint Technical Assistance<sup>1</sup> on the Title II of the Americans with Disabilities Act Requirements to Provide Curb Ramps when Streets, Roads, or Highways are Altered through Resurfacing**

Title II of the Americans with Disabilities Act (ADA) requires that state and local governments ensure that persons with disabilities have access to the pedestrian routes in the public right of way. An important part of this requirement is the obligation whenever streets, roadways, or highways are ALTERED to provide curb ramps where street level pedestrian walkways cross curbs.<sup>2</sup> This requirement is intended to ensure the accessibility and usability of the pedestrian walkway for persons with disabilities.

An alteration is a change that affects or could affect the usability of all or part of a building or facility.<sup>3</sup> Alterations of streets, roads, or highways include activities such as reconstruction, rehabilitation, RESURFACING, widening, and projects of similar scale and effect.<sup>4</sup> Maintenance activities on streets, roads, or highways, such as filling potholes, are not alterations.

Without curb ramps, sidewalk travel in urban areas can be dangerous, difficult, or even impossible for people who use wheelchairs, scooters, and other mobility devices. Curb ramps allow people with mobility disabilities to gain access to the sidewalks and to pass through center islands in streets. Otherwise, these individuals are forced to travel in streets and roadways and are put in danger or are prevented from reaching their destination; some people with disabilities may simply choose not to take this risk and will not venture out of their homes or communities.

Because resurfacing of streets constitutes an alteration under the ADA, it triggers the obligation to provide curb ramps where pedestrian walkways intersect the resurfaced streets. See *Kinney v. Yerusalem*, 9 F 3d 1067 (3rd Cir. 1993). This obligation has been discussed in a variety of technical assistance materials published by the Department of Justice beginning in 1994.<sup>5</sup> Over the past few years, state and local governments have sought further guidance on the scope of the alterations requirement with respect to the provision of curb ramps when streets, roads or highways are being resurfaced. These questions have arisen largely due to the development of a variety of road surface treatments other than traditional road resurfacing, which generally involved the addition of a new layer of asphalt. Public entities have asked the Department of Transportation and the Department of Justice to clarify whether particular road surface treatments fall within the ADA definition of alterations, or whether they should be considered maintenance that would not trigger the obligation to provide curb ramps. This Joint Technical Assistance addresses some of those questions.

### **Where must curb ramps be provided?**

Generally, curb ramps are needed wherever a sidewalk or other pedestrian walkway crosses a curb. Curb ramps must be located to ensure a person with a mobility disability can travel from a sidewalk on one side of the street, over or through any curbs or traffic islands, to the sidewalk on the other side of the street. However, the ADA does not require installation of ramps or curb ramps in the absence of a pedestrian walkway with a prepared surface for pedestrian use. Nor are curb ramps required in the absence of a curb, elevation, or other barrier between the street and the walkway.

### **When is resurfacing considered to be an alteration?**

Resurfacing is an alteration that triggers the requirement to add curb ramps if it involves work on a street or roadway spanning from one intersection to another, and includes overlays of additional material to the road surface, with or without milling. Examples include, but are not limited to the following treatments or their equivalents: addition of a new layer of asphalt, reconstruction, concrete pavement rehabilitation and reconstruction, open-graded surface course, micro-surfacing and thin lift overlays, cape seals, and in-place asphalt recycling.

### **What kinds of treatments constitute maintenance rather than an alteration?**

Treatments that serve solely to seal and protect the road surface, improve friction, and control splash and spray are considered to be maintenance because they do not significantly affect the public's access to or usability of the road. Some examples of the types of treatments that would normally be considered maintenance are: painting or striping lanes, crack filling and sealing, surface sealing, chip seals, slurry seals, fog seals, scrub sealing, joint crack seals, joint repairs, dowel bar retrofit, spot high-friction treatments, diamond grinding, and pavement patching. In some cases, the combination of several maintenance treatments occurring at or near the same time may qualify as an alteration and would trigger the obligation to provide curb ramps.

### **What if a locality is not resurfacing an entire block, but is resurfacing a crosswalk by itself?**

Crosswalks constitute distinct elements of the right-of-way intended to facilitate pedestrian traffic. Regardless of whether there is curb-to-curb resurfacing of the street or roadway in general, resurfacing of a crosswalk also requires the provision of curb ramps at that crosswalk.

<sup>1</sup> The Department of Justice is the federal agency with responsibility for issuing regulations implementing the requirements of title II of the ADA and for coordinating federal agency compliance activities with respect to those requirements. Title II applies to the programs and activities of state and local governmental entities. The Department of Justice and the Department of Transportation share responsibility for enforcing the requirements of title II of the ADA with respect to the public right of way, including streets, roads, and highways.

<sup>2</sup> See 28 CFR 35.151(i)(1) (Newly constructed or altered streets, roads, and highways must contain curb ramps or other sloped areas at any intersection having curbs or other barriers to entry from a street level pedestrian walkway) and 35.151(i)(2) (Newly constructed or altered street level pedestrian walkways must contain curb ramps or other sloped areas at intersections to streets, roads, or highways).

3 28 CFR 35.151(b)(1).

4 2010 ADA Accessibility Standards, section 106.5.

5 See 1994 Title II Technical Assistance Manual Supplement, Title II TA Guidance: The ADA and City Governments: Common Problems; and ADA Best Practices Tool Kit for State and Local Governments: Chapter 6, Curb Ramps and Pedestrian Crossings under Title II of the ADA, available at [ada.gov](http://ada.gov).

July 8, 2013

### **Glossary of Terms for DOJ/DOT Joint Technical Assistance on the ADA Title II Requirements to Provide Curb Ramps When Streets Roads or Highways are Altered Through Resurfacing**

This glossary is intended to help readers understand certain road treatments referenced on page 2 of the DOJ/FHWA Joint Technical Assistance on the ADA Title II Requirements to Provide Curb Ramps When Streets Roads or Highways are Altered Through Resurfacing. The definitions explain the meaning of these terms from an engineering perspective and are provided in the order in which they appear in the Technical Assistance document.

#### **Treatments that are considered alterations of the road surface**

**Reconstruction** – Reconstruction refers to removing all or a significant portion of the pavement material and replacing it with new or recycled materials. This may include full-depth reclamation, where the pavement surface is demolished in place and new pavement surface is applied. In addition, reconstruction may also include grinding up a portion of the pavement surface, recycling it and placing it back, and then adding a wearing surface, such as in cold in-place asphalt recycling. Reconstruction often includes widening or geometrical changes to the roadway profile.

**Rehabilitation** - Rehabilitation refers to significant repairs made to a road or highway surface, including activities such as full slab replacement, filling voids under slabs (slabjacking), widening, and adding additional structural capacity.

**Open-graded surface course** – Open-graded surface course, also known as “open-graded friction course,” involves a pavement surface course that consists of a high-void, asphalt concrete mix that permits rapid drainage of rainwater through the course and off the shoulder of the road. The mixture consists of either Polymer-modified or rubber-modified asphalt binder, a large percentage of one-sized coarse aggregate, and a small amount of fibers. This treatment prevents tires from hydroplaning and provides a skid-resistant pavement surface with significant noise reduction.

**Microsurfacing** – Microsurfacing involves spreading a properly proportioned mixture of polymer modified asphalt emulsion, mineral aggregate, mineral filler, water, and other additives, on a paved surface. Microsurfacing differs from slurry seal in that it can be used on high volume roadways to correct wheel path rutting and provide a skid resistant pavement surface.

**Thin lift overlays** – Thin lift overlays are thin applications of mixtures of hot mix asphalt. Thin lift overlays may also require some milling along curbs, manholes, existing curb cuts, or other road structures to assure proper drainage and cross slopes.

**Cape seal** – A cape seal is a thin surface treatment constructed by applying a slurry seal or microsurfacing to a newly constructed chip seal. It is designed to be an integrated system where the primary purpose of the slurry is to fill voids in the chip seal.

**In-place asphalt recycling** - In-place asphalt recycling is a process of heating and removing around 1-2 inches of existing asphalt and remixing the asphalt with the addition of a binder additive and possible aggregate to restore the wearing surface for placement and compaction. All of this is performed in a train of equipment.

**Treatments that are considered maintenance of the road surface**

**Crack filling and sealing** – Crack filling and sealing involves placing elastomeric material directly into cracks in pavement.

**Surface sealing** - Surface sealing involves applying liquid sealant to pavement surface in order to stop water penetration and/or reduce oxidation of asphalt products. Sand is sometimes spread over liquid to absorb excess material.

**Chip seals** – Chip Seals involve placing graded stone (chips) on liquid emulsified asphalt sprayed on pavement surface. The surface is rolled to enable seating of chips.

**Slurry seal** – Slurry seals involve spraying a mixture of slow setting emulsified asphalt, well graded fine aggregate, mineral filler, and water on the pavement surface. It is used to fill cracks and seal areas of old pavements, to restore a uniform surface texture, to seal the surface to prevent moisture and air intrusion into the pavement, and to improve skid resistance.

**Fog seals** – Fog seals are a type of surface sealing.

**Scrub sealing** – Scrub sealing is type of surface sealing

**Joint crack seals** – Joint crack seals are usually associated with concrete pavement. This work consists of routing and cleaning existing cracks and joints and resealing to prevent water and non-compressibles from entering into the pavement joints and subgrade materials.

**Joint repairs** – Joint repairs are usually associated with concrete pavement. This work consists of selectively repairing portions of the pavement where the slabs are generally in good condition, but corners or joints are broken. The depth of the patch could be full depth or partial depth.

**Dowel retrofit** – Dowel retrofits are usually associated with concrete pavement. This work involves the installation of dowel bars connecting slabs in existing pavements. Pavement with dowel bar retrofits can have life extensions of as much as 20 years. Its application is almost exclusively on high-speed Interstate highways.

**Spot high-friction treatments** – Spot high-friction treatments involve using epoxy based resin liquids as a binder for an aggregate with high-friction properties. These are used in locations where drivers are frequently braking and the pavement surface has less resistance to slipping.

**Diamond grinding** – Diamond grinding involves using a gang saw to cut grooves in the pavement surface to restore smoothness and eliminate any joint faulting.

**Pavement patching** – Pavement patching involves selectively repairing portions of the pavement where the slabs are generally in good condition, but corners or joints are broken. The depth of the patch could be full depth or partial depth.

July 8, 2013

## 6.4 NOTICE TO THE PUBLIC



STATE OF NEVADA  
DEPARTMENT OF TRANSPORTATION  
(NDOT)

### ADA NOTICE TO THE PUBLIC



In accordance with the requirements of title II of the Americans with Disabilities Act of 1990 ("ADA"), NDOT will not discriminate against qualified individuals with disabilities on the basis of disability in its services, programs, or activities.

**Employment:** NDOT does not discriminate on the basis of disability in its hiring or employment practices and complies with all regulations promulgated by the U.S. Equal Employment Opportunity Commission under title I of the ADA.

**Effective Communication:** NDOT will generally, upon request, provide appropriate aids and services leading to effective communication for qualified persons with disabilities so they can participate equally in NDOT's programs, services, and activities, including qualified sign language interpreters, documents in Braille, and other ways of making information and communications accessible to people who have speech, hearing, or vision impairments.

**Modifications to Policies and Procedures:** NDOT will make all reasonable modifications to policies and programs to ensure that people with disabilities have an equal opportunity to enjoy all of its programs, services, and activities. For example, individuals with service animals are welcomed in NDOT offices, even where pets are generally prohibited.

Anyone who requires an auxiliary aid or service for effective communication, or a modification of policies or procedures to participate in a program, service, or activity of NDOT, should contact the office of External Civil Rights – ADA, NDOT ADA Coordinator at 775-888-7215 as soon as possible but no later than 48 hours before the scheduled event.

The ADA does not require the NDOT to take any action that would fundamentally alter the nature of its programs or services, or impose an undue financial or administrative burden.

Complaints that a program, service, or activity of NDOT is not accessible to persons with disabilities should be directed to:

Office of External Civil Rights – ADA  
NDOT ADA/504 Coordinator  
775-888-7215  
[ADAProgram@ndot.state.nv.us](mailto:ADAProgram@ndot.state.nv.us)

NDOT will not place a surcharge on a particular individual with a disability or any group of individuals with disabilities to cover the cost of providing auxiliary aids/services or reasonable modifications of policy, such as retrieving items from locations that are open to the public but are not accessible to persons who use wheelchairs.

## 6.5 COMPLAINT FORM

See [Cityofelko.com](http://Cityofelko.com) to report an issue.

## 6.6 ADA FEATURE INVENTORY

See Street Inventory

## 6.7 ADA 5 YEAR PLAN OF PROJECTS

See annual Street Inventory and Work Program