

SD
DEPARTMENT OF
TRANSPORTATION

ADA COMPLIANCE

2024 Local Roads Conference

ARE YOU
ADA
COMPLIANT?

The logo features the South Dakota Department of Transportation name and logo at the top. Below it is the title 'ADA COMPLIANCE' in large blue letters, followed by the subtitle '2024 Local Roads Conference' in smaller red text. To the right is a square icon with a wheelchair symbol and the text 'ARE YOU ADA COMPLIANT?'.

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OVERVIEW AND GOALS


ADA Compliance

The slide features a light blue background with a yellow, red, and blue horizontal bar. The text 'OVERVIEW AND GOALS' is in large red letters, and 'ADA Compliance' is in blue letters below it.

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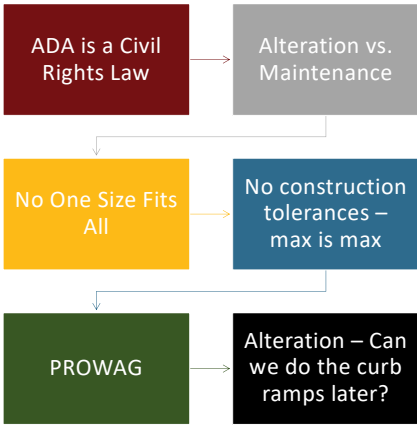
OVERVIEW AND GOALS

- Reinforce that ADA is a Civil Rights Law
- Equal Access for All
 - NO Discrimination
- Basic Information on ADA Requirements
- Answer Questions
- Provide Sources for Information




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Overview



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    graph TD
      A[ADA is a Civil Rights Law] --> B[Alteration vs. Maintenance]
      A --> C[No One Size Fits All]
      C --> D[No construction tolerances - max is max]
      D --> E[Alteration - Can we do the curb ramps later?]
      F[PROWAG] --> E
      B --> D
      C --> E
    
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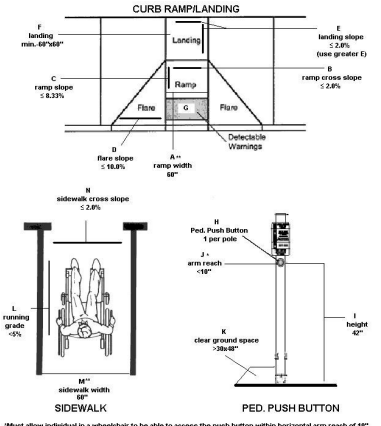
ADA IS THE LAW

Title II - Public Services
State and Local Government Services

Title III - Public Accommodations
Restaurants, hotels, theaters, shopping centers and malls, retail stores, museums, libraries, parks, private schools, day care centers, and other similar places of public accommodation



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CURB RAMP/LANDING

- F landing min. 49"x60"
- E landing slope ≤ 2.0% (use greater E)
- C ramp slope ≤ 8.33%
- B ramp cross slope ≤ 2.0%
- D flare slope ≤ 10.0%
- A= ramp width 60"
- Deflectible Warnings


SIDEWALK

- M= sidewalk width 60"
- N sidewalk cross slope ≤ 2.0%
- L running grade ≤ 5%

PED. PUSH BUTTON


- H Ped. Push Button 1 per pole
- J + arm reach < 18"
- K clear ground space > 30x60"
- I height 42"

*Must allow individual in a wheelchair to be able to access the push button within horizontal arm reach of 18"
 **DOT policy requires 60" width of sidewalk and curb ramps. ADA policy allows 48" at certain points with a 5'x5' landing every 200' from.




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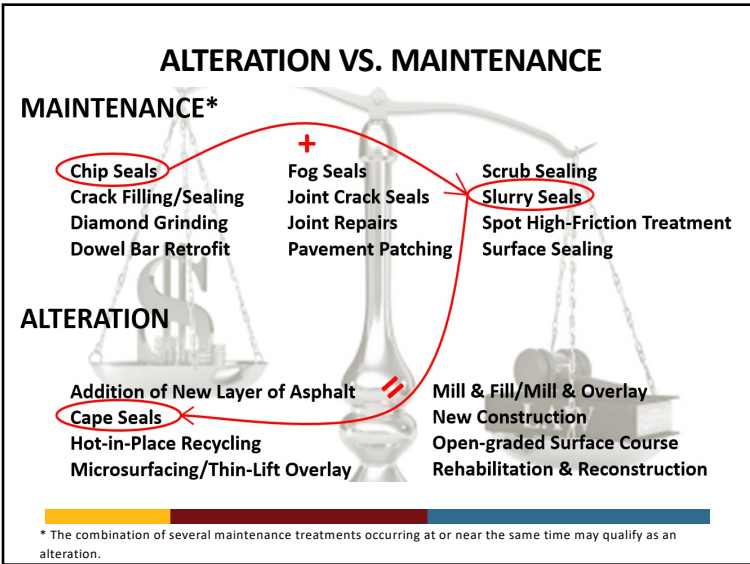
ALTERATION VS. MAINTENANCE



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- ### ALTERATION DEFINITION
- A change to a facility in the public right-of-way that affects, or could affect, access or use of the facility, including changes to structure, grade, or use of the facility.
- ### MAINTENANCE DEFINITION
- Activities intended to preserve the system, slow future deterioration, and maintain functional condition of the roadway without increasing structural capacity
- 

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MAINTENANCE




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Maintenance obligation includes:

- Snow removal efforts
- Debris removal
- Maintenance of accessible pedestrian walkways in work zones
- Correction of other disruptions.

If responsible passed to landowner by ordinance – need to enforce




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Concrete Panel Repair - Crosswalks

- Concrete panel replacement is typically considered a maintenance project which does not require ADA improvements to curb ramps.
- Are there any ADA requirements when the replacement is within a crosswalk? If not, why? And if yes, what needs to be done?

If a concrete panel is replaced in the crosswalk the curb ramps associated with that crosswalk shall be brought up to ADA standards.



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BUILDING ENTRANCES



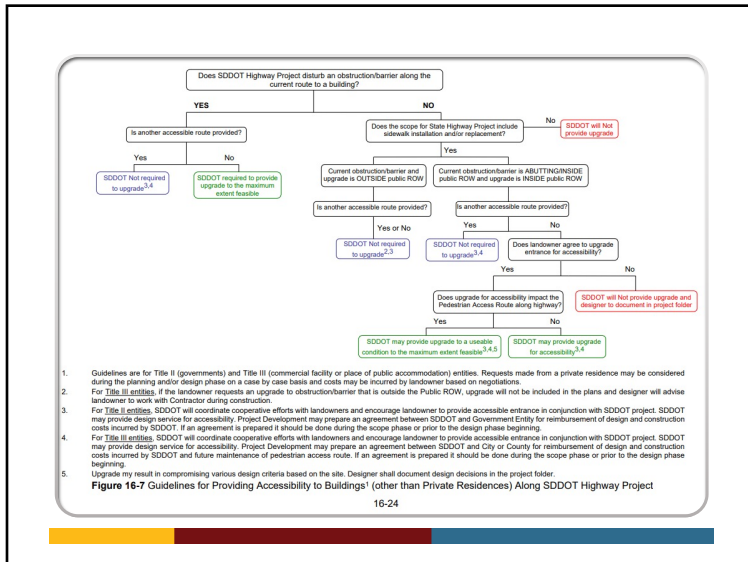
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GUIDELINES FOR PROVIDING ACCESSIBILITY TO BUILDINGS

Figure 16-7 on page 16-23 of the Road Design Manual provides a flow chart to help make decisions on building entrances.



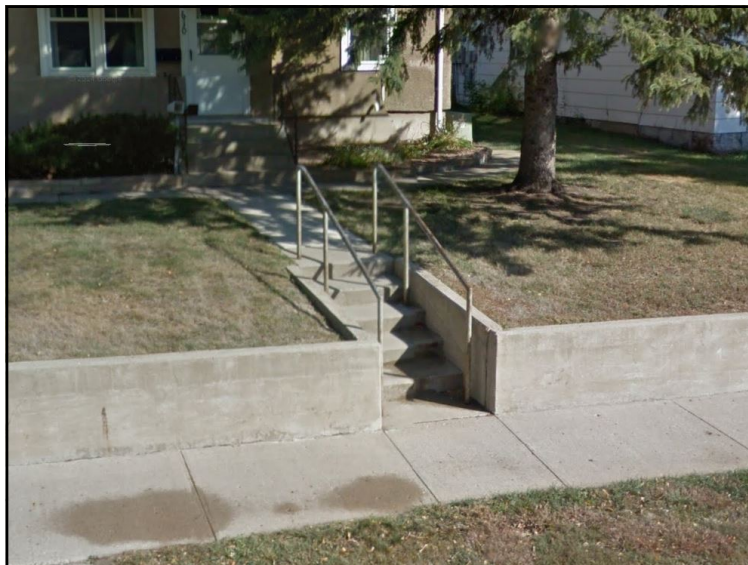
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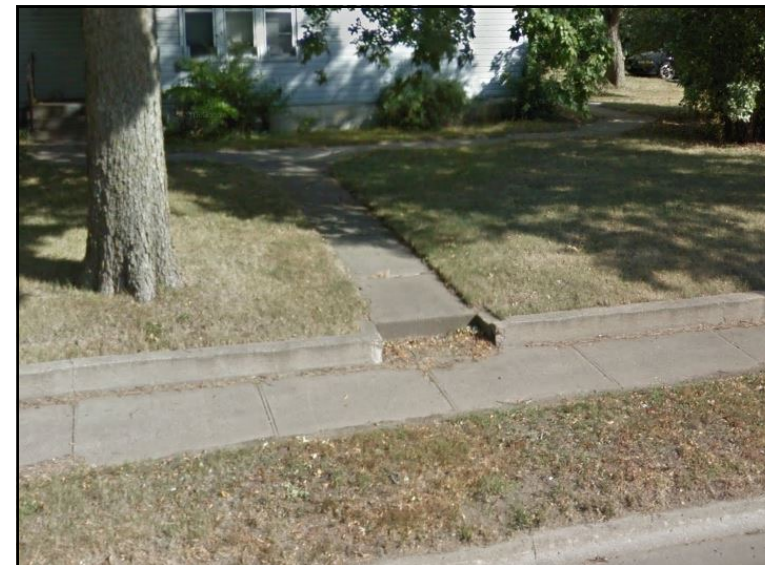
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What are the min. width requirements for stairs and ramps?

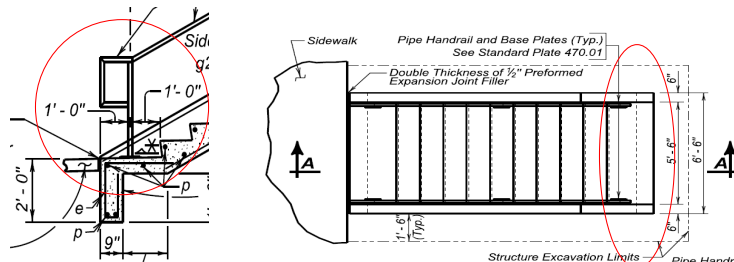
- Minimum width for stairs for a single family dwelling unit is 36 inches
- Minimum width for ramps is 36 inches between handrails.
- Check the Plans for special details for stairs, otherwise the Standard Plate rules.

Follow the Building Code



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SDDOT Standard Plate for Concrete Stairway




SPECIAL NOTE:
 Details for construction of the concrete stairway and handrails shown on this sheet are typical only, and are not intended to depict specific installations. Adjust the length of the stairway as required to fit specific site requirements. Use the formulas given on this sheet to adjust the unit price bid quantities to the required length of the stairway. Refer to project plans for requirements of individual locations. Alternate design details may be submitted through proper channels to the Office of Bridge Design for approval, including aluminum handrail installation.

S D D O T	CONCRETE STAIRWAY	PLATE NUMBER 460.31
		Sheet 1 of 1

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New Color Contrast Requirement on Stairs



R408.6 Visual Contrast
 The leading edge of each step tread and top landing shall be marked by a stripe. The stripe shall be 1 inch (25 mm) wide minimum and shall contrast visually with the rest of the step tread or circulation path surface either light-on-dark or dark-on-light.

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ADA On-Street Parking

Parking on Block Perimeter

Exclusively for Residential Parking Not Required to Comply with ADA

It matters where you put the ADA parking spot.

Exclusively for commercial or law enforcement vehicles not required to comply with ADA

Sign is required – painting spot is optional

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On-Street Parking Spaces

Table R211 On-Street Parking Spaces [🔗](#)


Total Number of Metered or Designated Parking Spaces	Minimum Required Number of Accessible Parking Spaces
1 to 25	1
26 to 50	2
51 to 75	3
76 to 100	4
101 to 150	5
151 to 200	6
201 and over	4 percent of total

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If the ADA parking access aisle is used for the crosswalk, vehicles parked next to the cross walk/access aisle would create sight line restrictions. The proximate location of the vehicles would limit or may prohibit the motorist and pedestrian to see each other, particularly children and wheelchair users.

The ADA parking spaces will need to be separated from the crosswalk. That distance is recommended by MUTCD and AASHTO to be a minimum of 20 ft. for speeds of 20 to 30 mph. For speeds of 35 to 45 mph the distance is recommended to be 50 ft. For speeds over 45 mph the cross walk should be prohibited.

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PROWAG CHANGES


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PROWAG CHANGES

- Directional Curb ramps required
 - Exception – Alteration Project when technically infeasible – one curb ramp
- Pedestrian Circulation Path temporarily not accessible
 - Must provide accessible alternate route
- Sidewalks crossing driveway/approaches controlled with yield or stop devices
 - Required to have detectable warning devices
- Cross slope requirement changes from 1:50 to 1:48 / 2% to 2.1% Max
- Turning spaces are referred to as Landings
- Vertical clearance of 80 inches entire width of sidewalk – not just the Pedestrian access route



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QUESTIONS?

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Resource Materials


[Links to Online Resources](#)



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Resource Materials


- Proposed Public Right-of-Way ADA Guidelines (PROWAG) <https://www.access-board.gov/prowag/>
- ADA Accessibility Guidelines (ADAAG 2010) https://www.ada.gov/2010ADASTandards_index.htm
- MUTCD <https://mutcd.fhwa.dot.gov/>
- SDDOT Road Design Manual (Chapter 16) <https://dotfiles.sd.gov/rd/rdmch16.pdf>



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Resource Materials


- Accessible Public Rights-of-Way: Planning & Designing for Alterations <https://www.access-board.gov/guidelines-and-standards/streets-sidewalks/public-rights-of-way/guidance-and-research/accessible-public-rights-of-way-planning-and-design-for-alterations>
- US Access Board Animated Videos on design elements (primarily building) <https://www.access-board.gov/guidelines-and-standards/buildings-and-sites/about-the-ada-standards/guide-to-the-ada-standards>



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Resource Materials


- Shared Use Path Guidance: <https://www.access-board.gov/guidelines-and-standards/streets-sidewalks/shared-use-paths>
- US Access Board <https://www.access-board.gov/>
- US Department of Justice ADA Site: www.ada.gov
- FHWA ADA Site: <https://www.fhwa.dot.gov/civilrights/programs/ada.cfm>



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Contact Information

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