

# Public Right-of-Way Accessibility Guidelines (PROWAG)

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#### **Standards & Guidelines**

- 2010 ADA Standards for Accessible Design Current enforceable standard under the ADA
- Public Rights-of-Way Accessibility Guidelines (PROWAG)
  - 2013 Supplemental Notice of Proposed Rulemaking – accessibility guidelines for shared use paths

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### Public Right of Way Accessibility Guidelines (PROWAG)

- R1 Application and Administration
- ☐ R2 Scoping Requirements
- R3 Technical Requirements
  - Pedestrian Access Route and Curb Ramps
  - Accessible Pedestrian Signals
  - Transit Stops/Shelters
  - On-street parking
- ☐ R4 Supplementary Technical Requirements
  - Takes ADA Building Standard Provisions and adapts them for ROW application
- ☐ 2013 SNPRM Incorporates Shared Use Path Guidelines

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#### **WHY PROWAG**

- Pedestrians who use wheelchairs
- Pedestrians with ambulatory impairments
- · Pedestrians who are blind
- Pedestrians with low vision

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## PROWAG Application and Administration

- ☐ Facilities for pedestrian circulation and use located in the public right-of-way
- ☐ Equivalent facilitation permitted
- Referenced standards MUTCD

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### **Scope of Guidelines**

- ■ADA and ABA Facilities
- ■New construction and alterations to existing facilities
- ☐ Temporary facilities are also covered (street fairs, block parties, farmers' markets)

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What's Required? ☐ PROWAG does not require Pedestrian Access Routes unless pedestrian facilities are provided. ☐ If sidewalks are provided, they are required to be accessible to and usable by persons with disabilities.



**Distinguish SUPs from Trails** 

**SHARED USE PATH** (design to *PROWAG*)

- Intended for multi-use
- Bicycle/transportation focus
- Machined, layered surface (improved)
- Located in either an "independent corridor" or public right-of-way

TRAILS (design to ABA Accessibility Standards)

- Designed for the "recreation experience"
- Does not connect elements and spaces on a site
- Generally includes a trailhead
- Has limited to no transportation function

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### Clear Width Around Obstructions





48" minimum clear width must be maintained around obstructions

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### 60" x 60" Passing Space





□ PROWAG R302.4 Passing Spaces

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#### **Shared Use Path Width**



- Width determined by use and not accessibility and NOT controlled by our guidelines
- ☐ Full width must meet PAR requirements

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#### Width

☐ PROWAG: 4ft minimum

■ 2013 Supplemental Notice of Proposed Rulemaking i.e. SHARED-USE PATH:

Entire width of the shared-use path

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### Pedestrian Access Route Running Slope

Within Street or Highway Right-of-Way. The grade of pedestrian access routes shall not exceed the general grade established for the adjacent street or highway.





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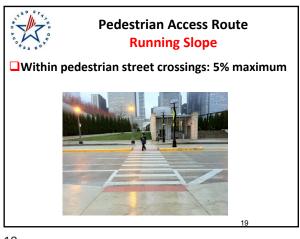
### Pedestrian Access Route Running Slope

■ Not Within Street or Highway Right-of-Way. The grade of pedestrian access routes shall be 5% maximum.



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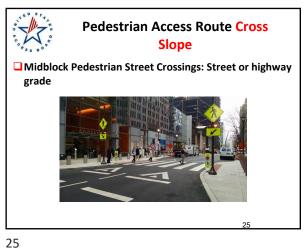
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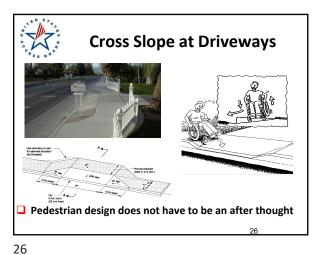




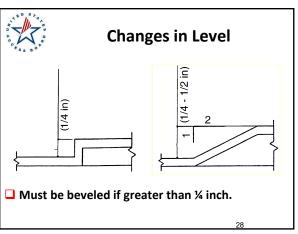
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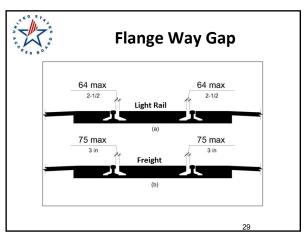
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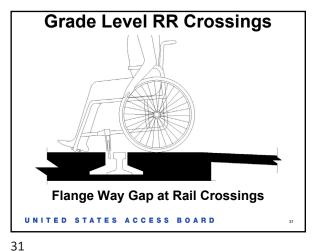




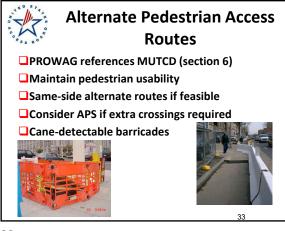








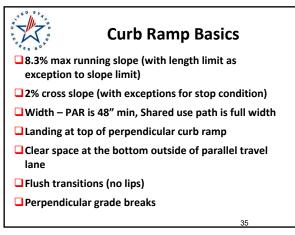




**Temporary Traffic Control** □ From MUTCD

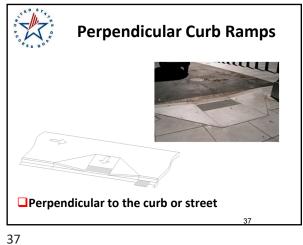
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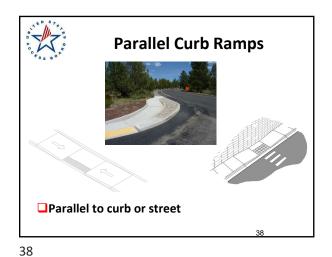
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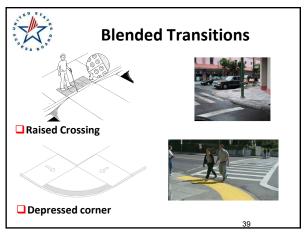


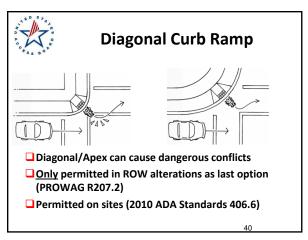
**Curb Ramps** Approach Approach Landing Ramp Gutter ■The 'cookie cutter' curb ramp

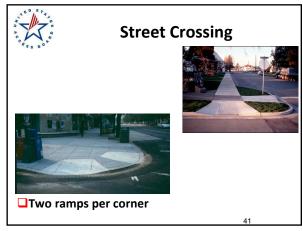
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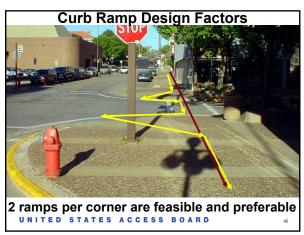




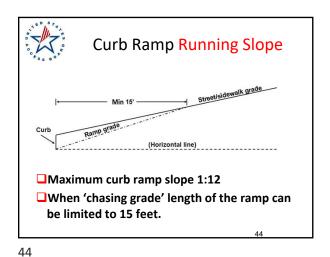


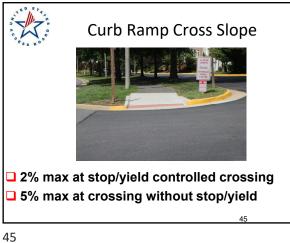




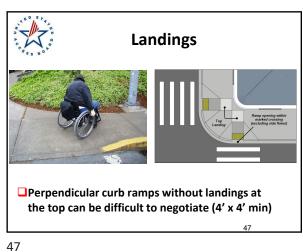


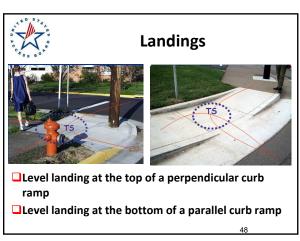




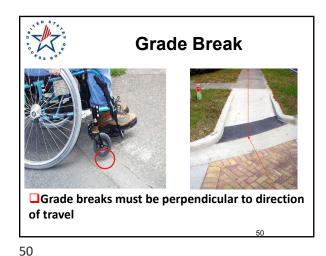


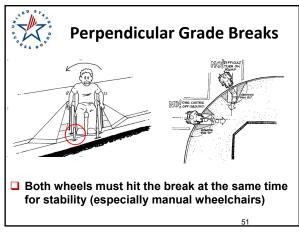


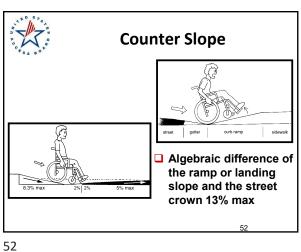


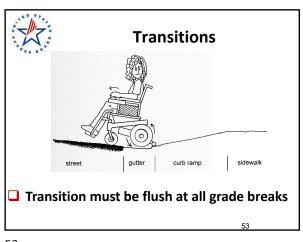


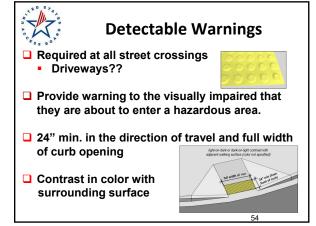






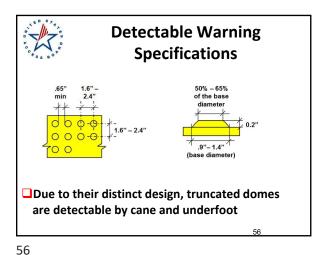


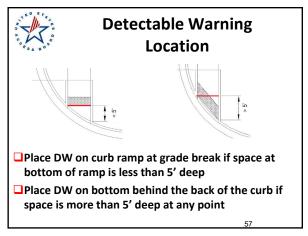




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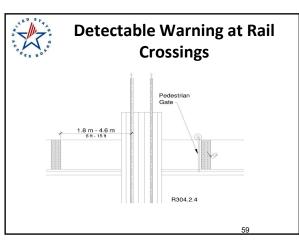


Detectable Warnings at Refuge Islands

Pedestrian refuge islands greater than 6 feet
- DWs placed at front edge of island

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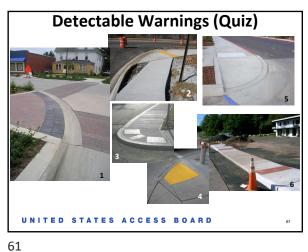


Detectable Warnings

 DW shall have a visual contrast with the surrounding surfaces (light on dark or dark on light)
 No specific color specified or required

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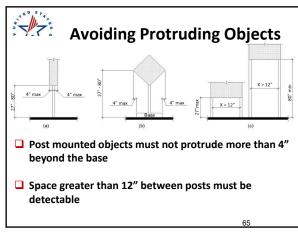




**Protruding Objects** □ Objects between 27" and 80" may not protrude more than 4". □ Entire pedestrian circulation route!

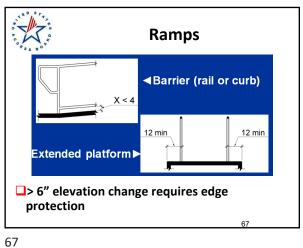
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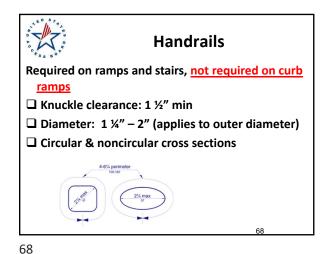
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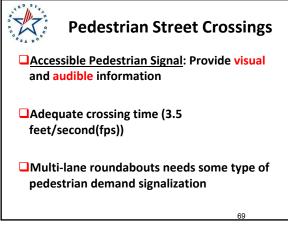


Ramps Slope: 8.3%max Cross slope: 2% max Clear width: 36" min Rise for each run: 30" max Handrails (both sides) Edge protection Level landings (top & bottom)

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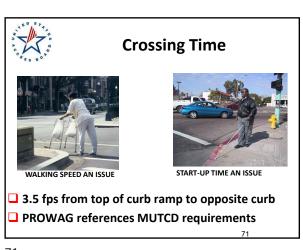




**Pedestrian Street Crossings** RUN!!! UNITED STATES ACCESS BOARD

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**Crossing Distance** □Curb extensions can reduce crossing distance

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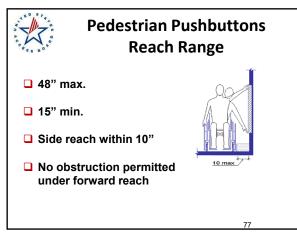
Pedestrian Street Crossings

Waximum crosswalk cross slope

1:48 is a general requirement for pedestrian access routes

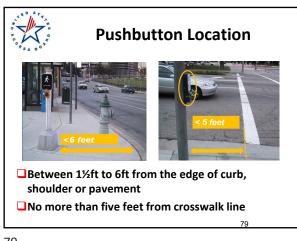
1:20 is allowed in a street crossing without stop or yield control

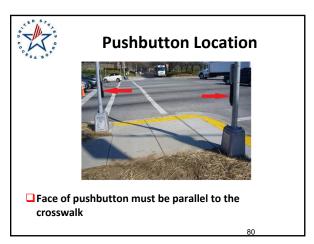
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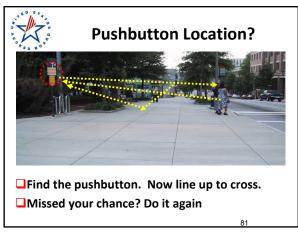


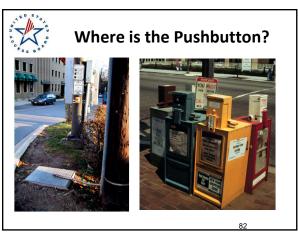


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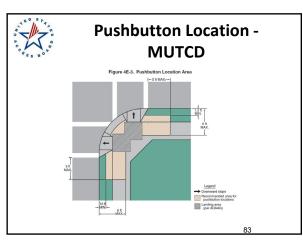








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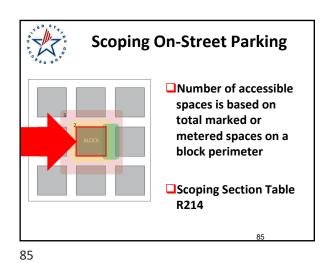


Roundabouts

Fencing guides pedestrians to crossing location.

Provide pedestrian-activated signals at multiple lane crossings

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On-Street Parking

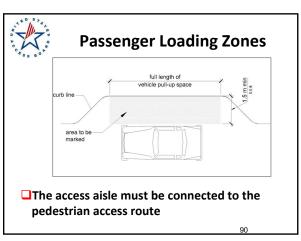
Narrow sidewalks –access aisle not required

Alterations – access aisle only required when scope of project involves curb and road work

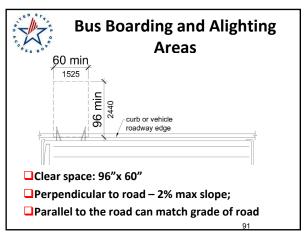


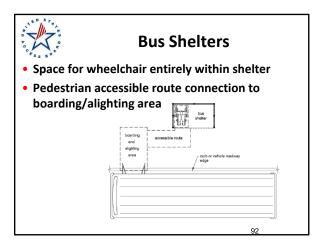
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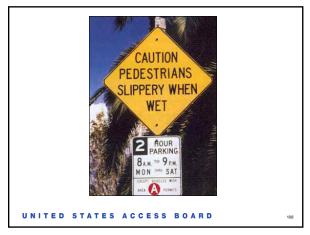






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