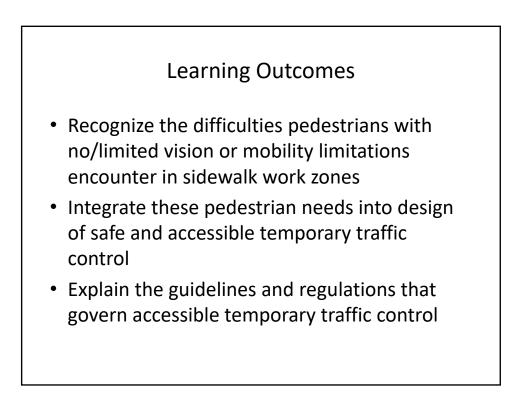
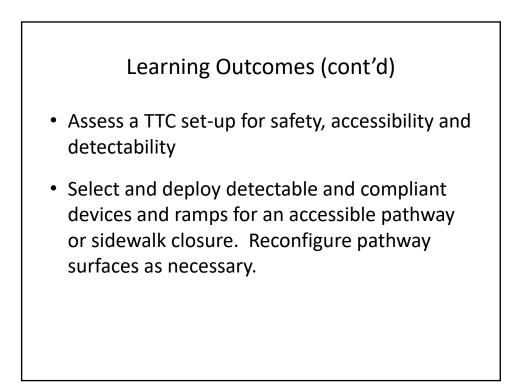
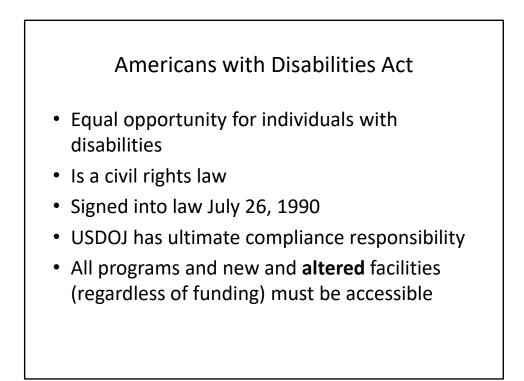


Session Agenda

- Background and Introduction
- Basics of the Ped Access Route (PAR)
- Accommodating Pedestrians
- Accessible/Detectable Temporary Path
- Best Practices
- Assess Some TTC Situations

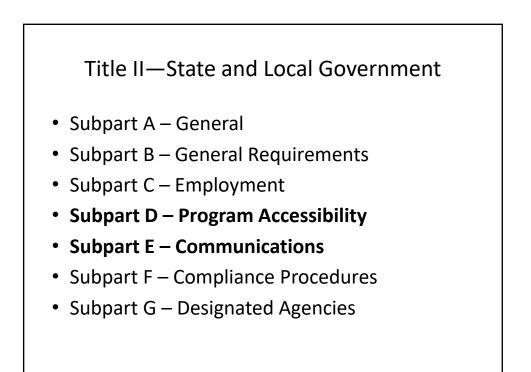








- Title I Employment
- Title II State and Local Governments
- Title III Public accommodation, private entities (e.g., retail, commercial, sports complexes, movie theaters)
- Title IV Telecommunications
- Title V Miscellaneous



Subpart D – Program Accessibility

• 35.151 New Construction and Alterations "each facility ... altered by, on behalf of, or for the use of a public entity ... shall, to the maximum extent feasible, be *altered* in such a manner that the *altered* portion of the facility ... is readily accessible to and usable by individuals with disabilities ..."

Subpart E – Communications

• 35.160 General

"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."

Americans with Disabilities Act Accessibility Guidelines (ADAAG)

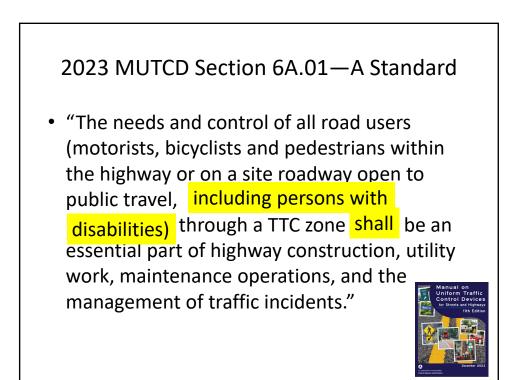
- Also referred to as 2010 ADA Design Standards
- However, intended for buildings and on-site facilities
- Does not address many of the issues in the public right-of-way

Public Right-of-Way Accessibility Guidelines (PROWAG)

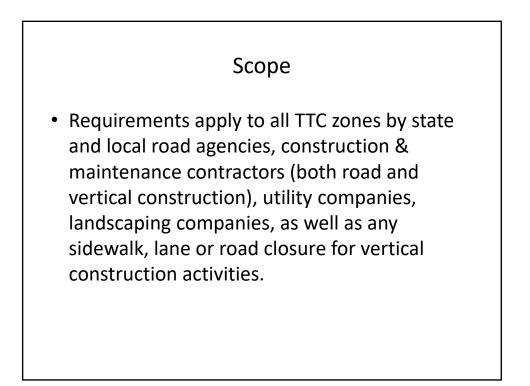
- Stand alone document providing accessibility standards specific to PROW
- Applicable to new construction and alterations (of existing facilities)
- Final Rule was issued August 8, 2023

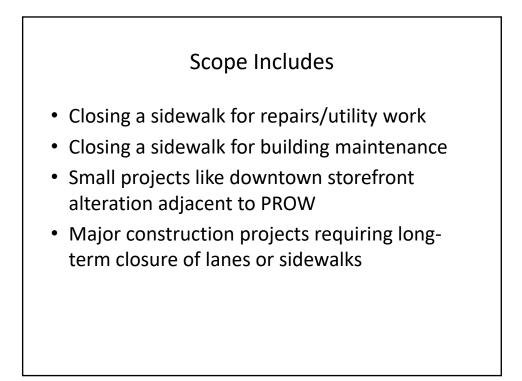


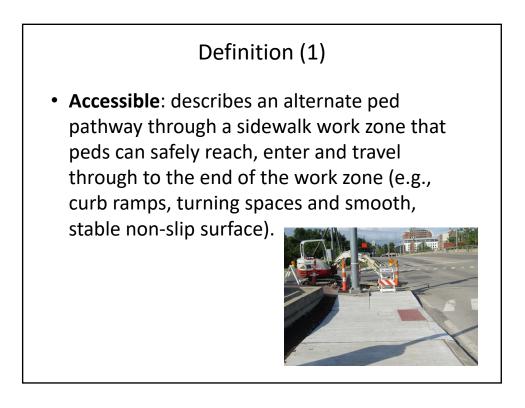
- The requirements in these guidelines shall apply to temporary and permanent pedestrian facilities and elements in the PROW
- Where a pedestrian circulation path is temporarily closed by construction, maintenance operations or similar conditions, an alternate pedestrian access route shall be provided.











Definition (2)

• **Detectable**: a traffic control device placed within a temporary ped pathway that has a continuous edge. Peds with limited vision can safely follow that continuous edge by hand or walking device (e.g., a cane) to the end of the pathway.

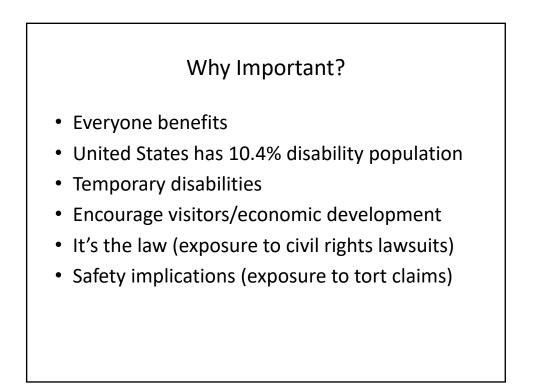






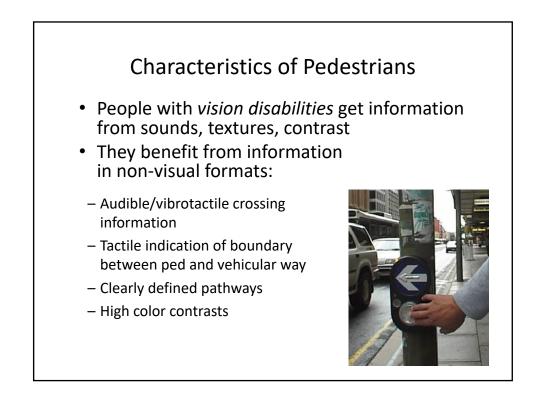


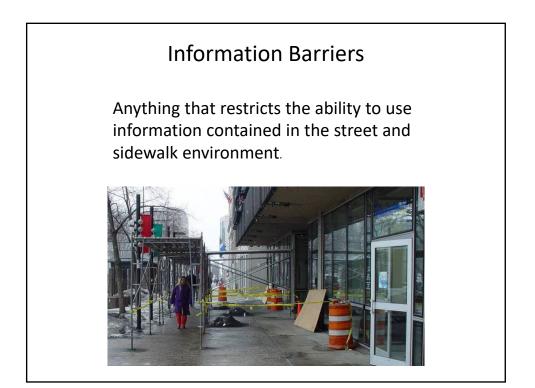


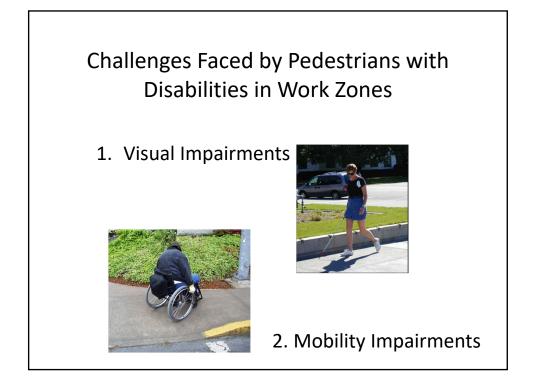


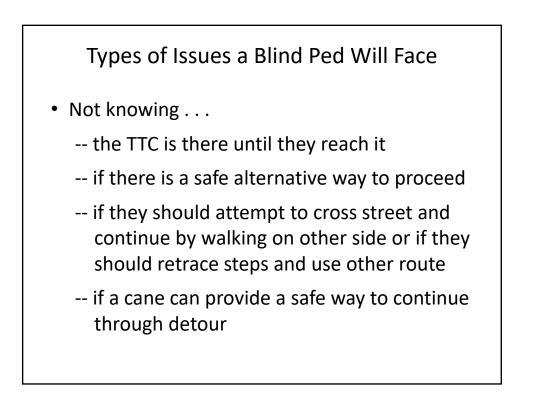
Characteristics of Pedestrians People with *mobility disabilities* may have limited agility, speed, endurance They benefit from Firm, level surfaces Adequate clear width Curb ramps Limited cross slope





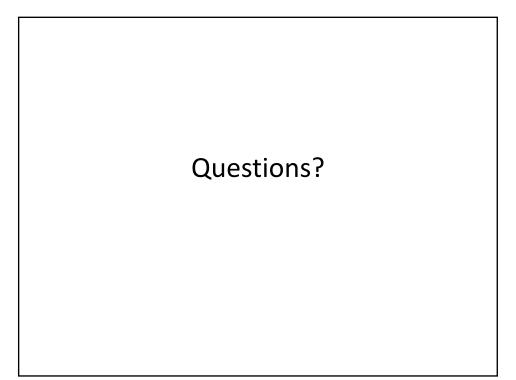


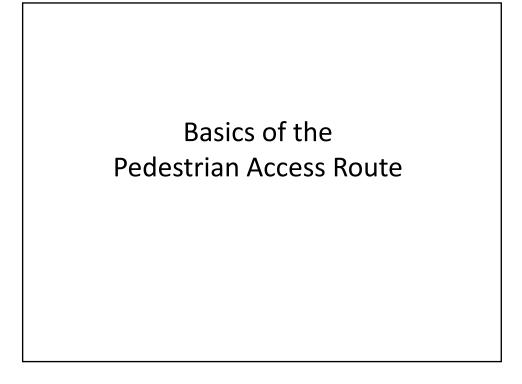




Types of Issues a Mobility Impaired Ped Will Face

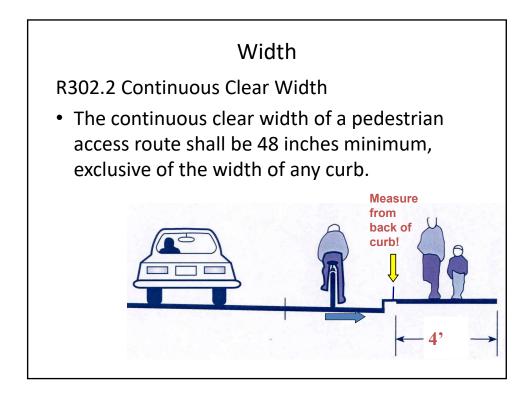
- Temporary ramps that are too steep, wobble or do not have side guards
- Pathways/turns or turnarounds too narrow for wheelchairs or other assistive devices
- Surfaces that are not firm and stable, have lips or other obstructions or openings



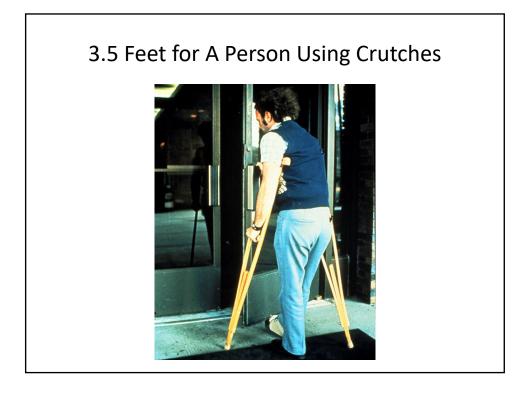


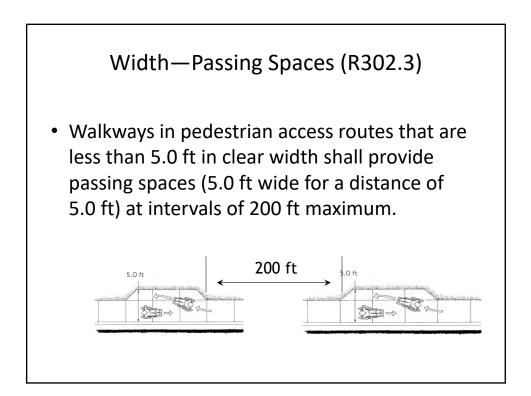
PROWAG R302--Pedestrian Access Route

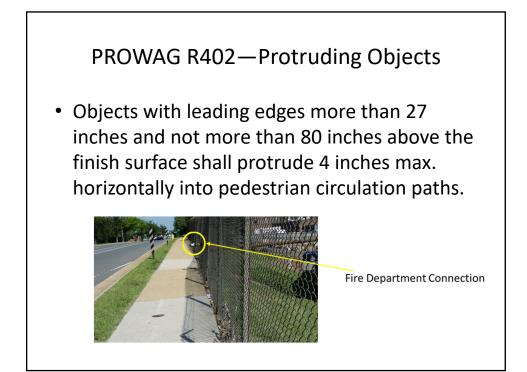
- R302.2 Continuous Clear Width
- R302.3 Passing Spaces
- R302.4 Grade
- R302.5 Cross Slope
- R302.6 Surfaces
- R402 Protruding Objects

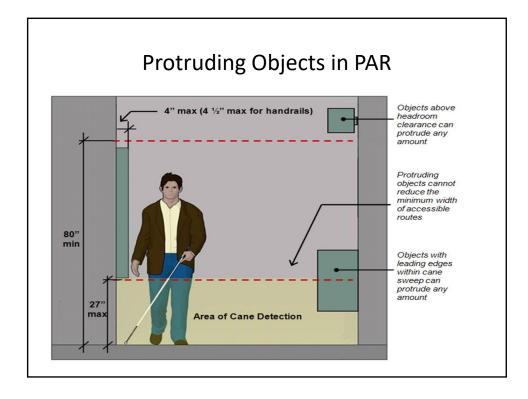






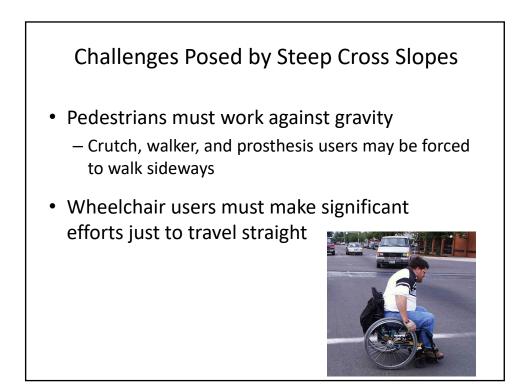


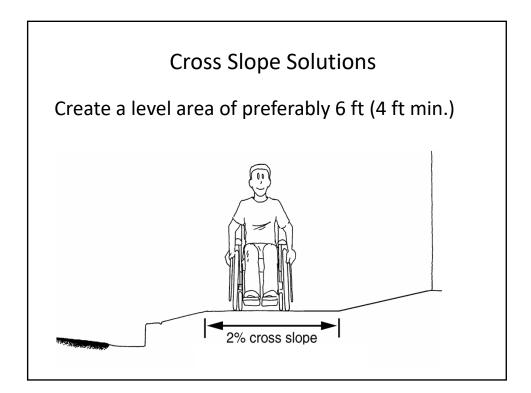


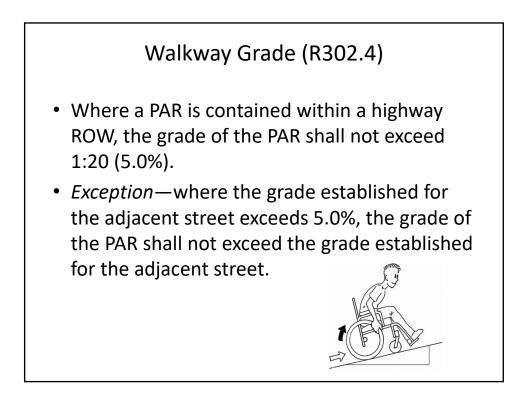


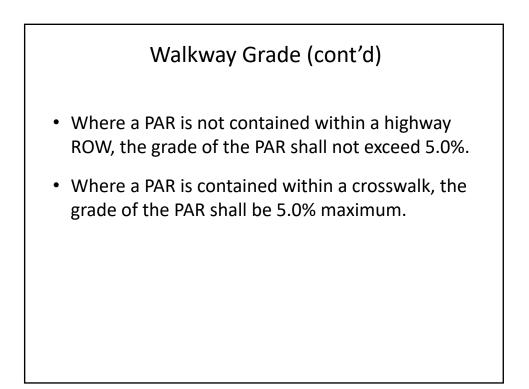


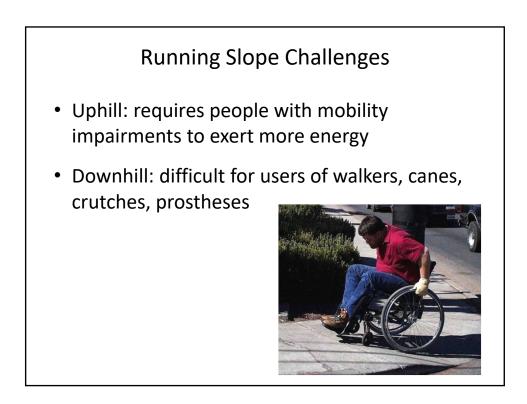


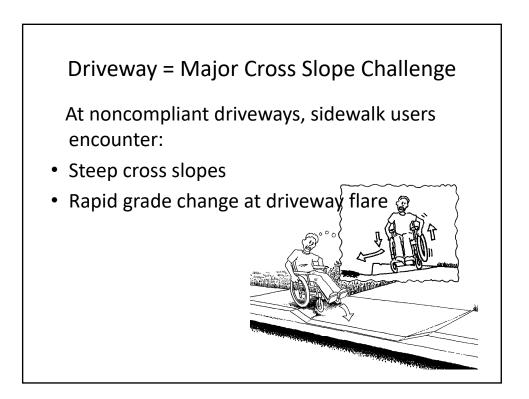


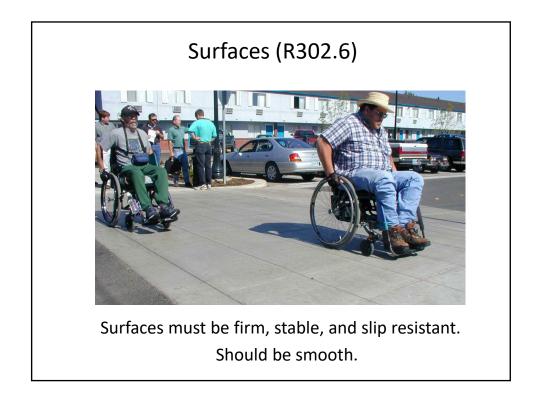


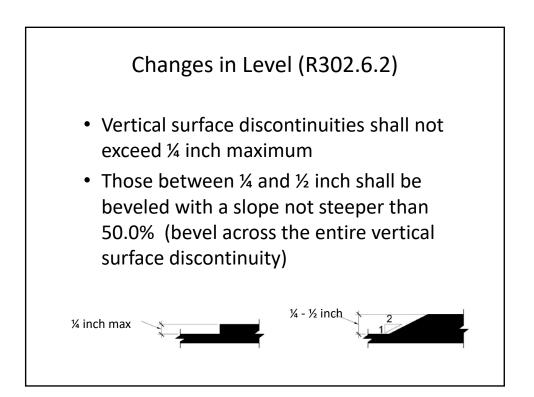




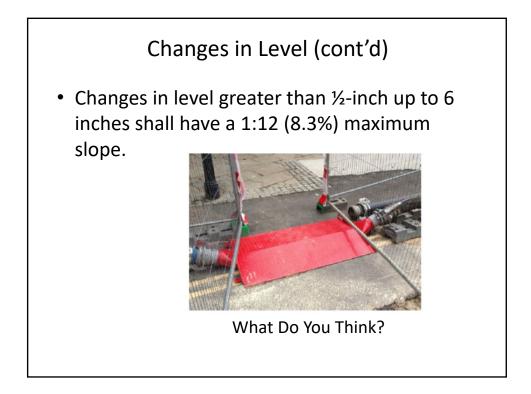










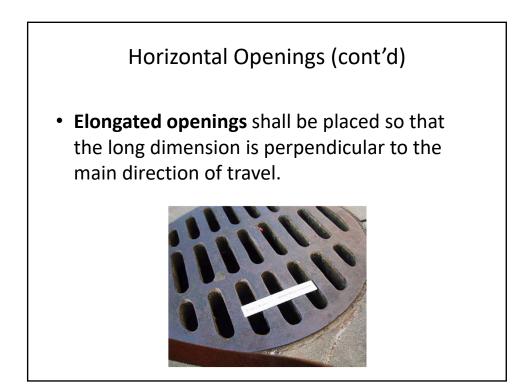


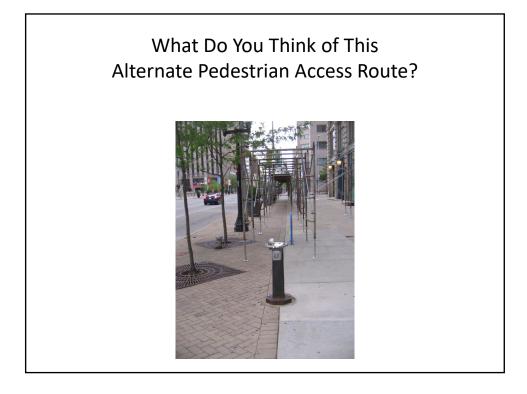
Horizontal Openings (R302.6.3)

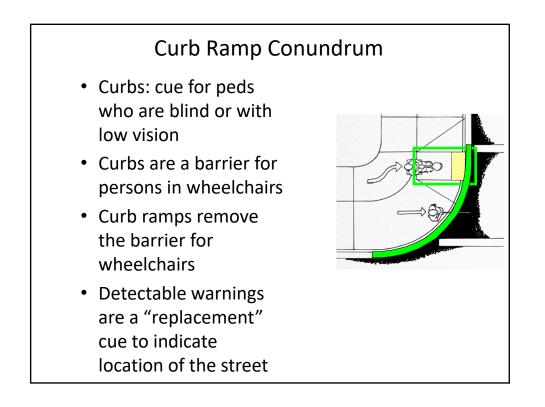
Horizontal openings in ground surfaces such as those in joints and gratings, shall not allow passage of a sphere larger than ½-inch in

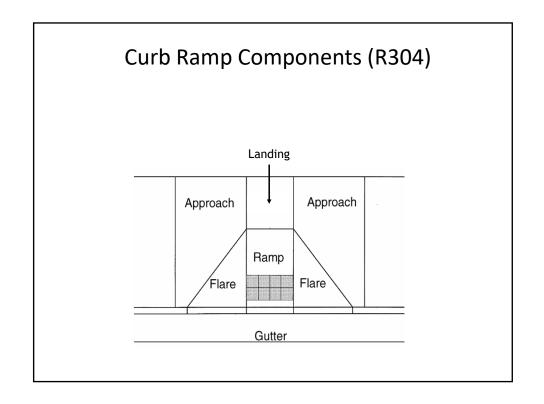
diameter.

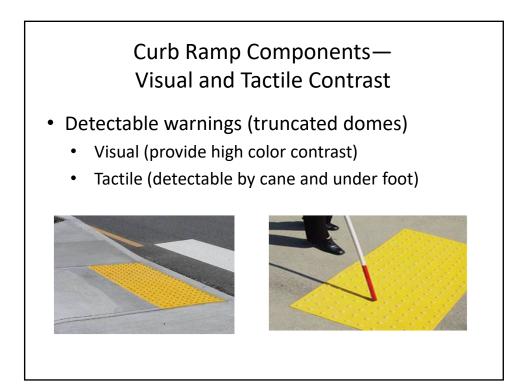


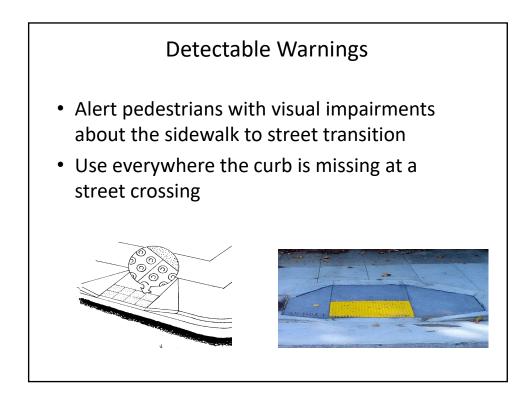


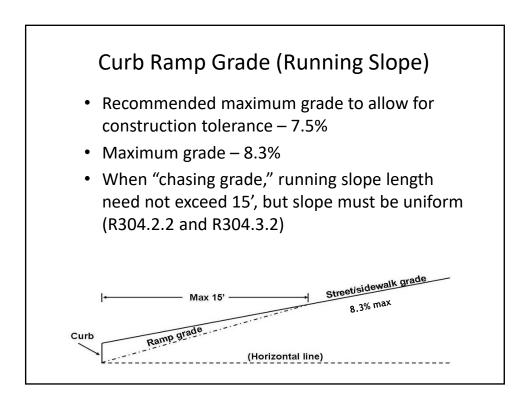


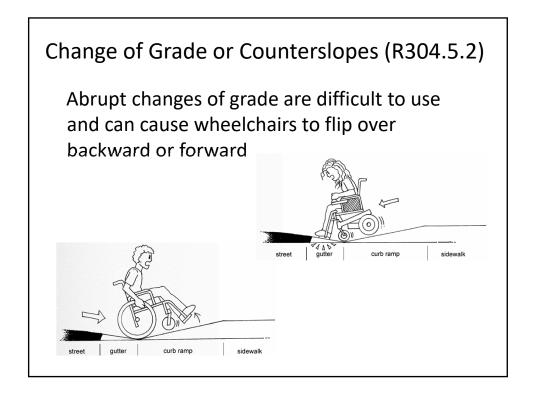


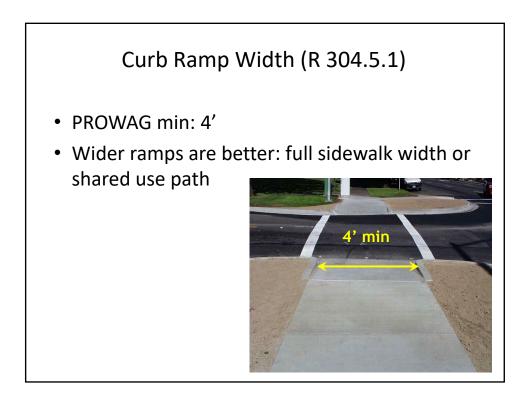




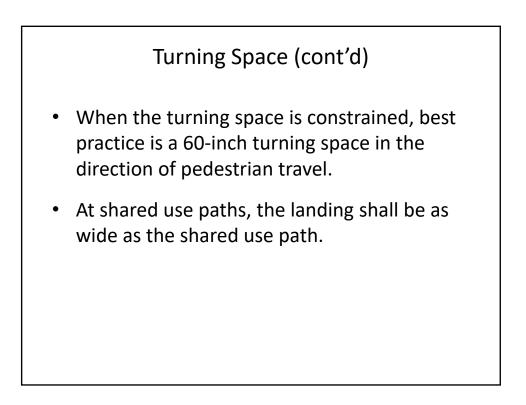






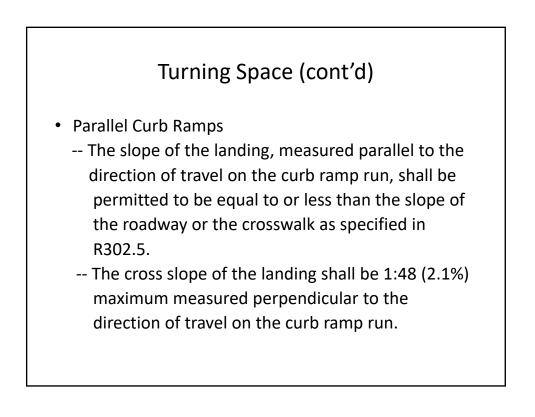


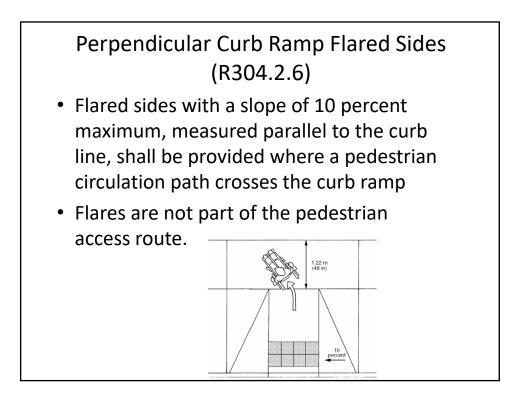


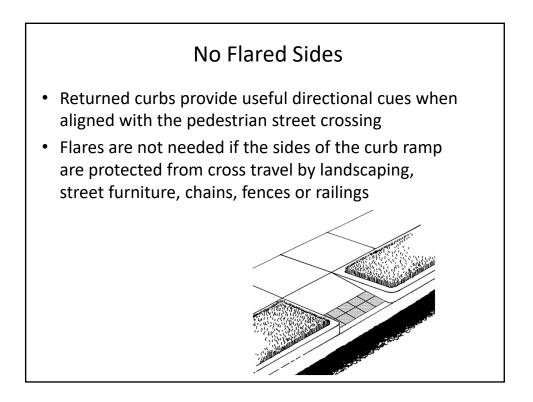


Turning Space (cont'd)

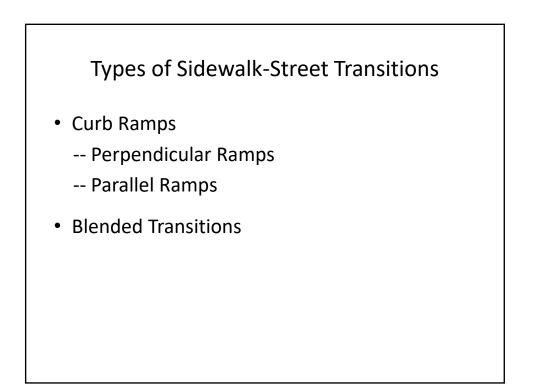
- Perpendicular Curb Ramps
 - Where a landing serves only one curb ramp, the landing slope measured perpendicular to the curb ramp run shall be equal to or less than the cross slope of the curb ramp curb ramp run, and the landing slope measured parallel to the curb ramp run shall be 1:48 (2.1%).
 - Where a landing serves two curb ramps, the landing slope in either direction of travel shall not exceed the cross slope of the crosswalk parallel to the direction of travel.

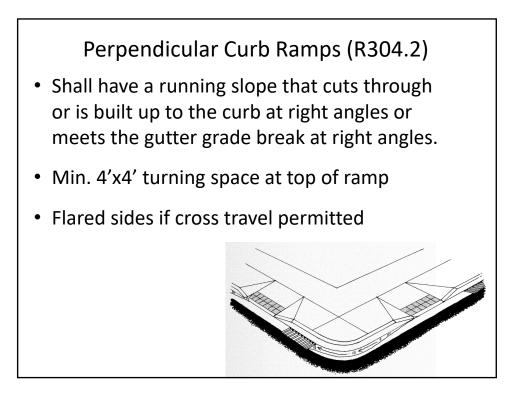




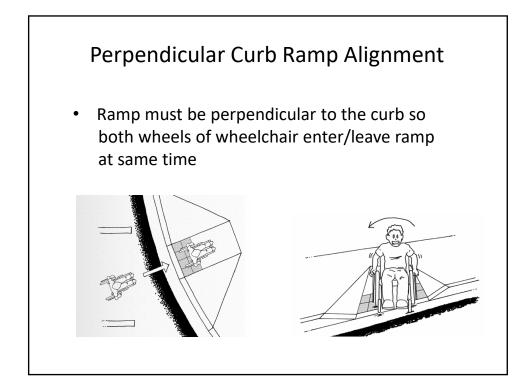


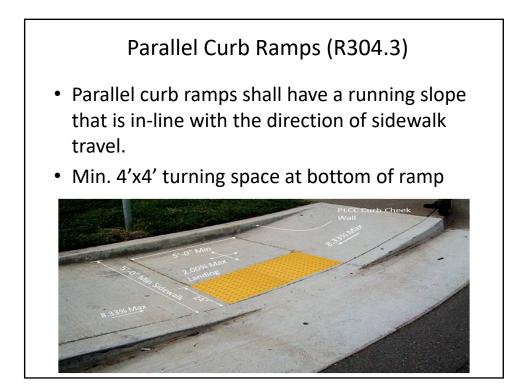








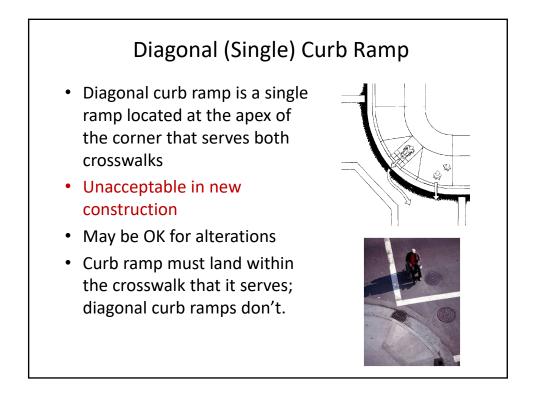


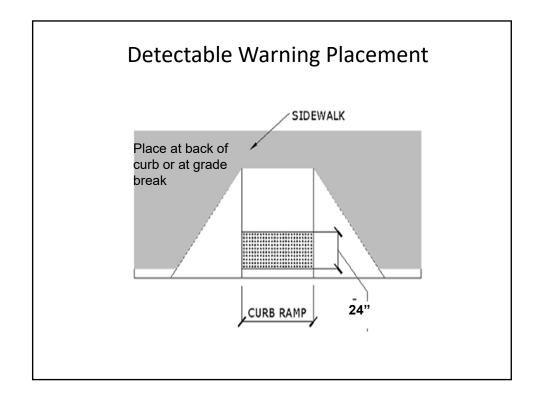


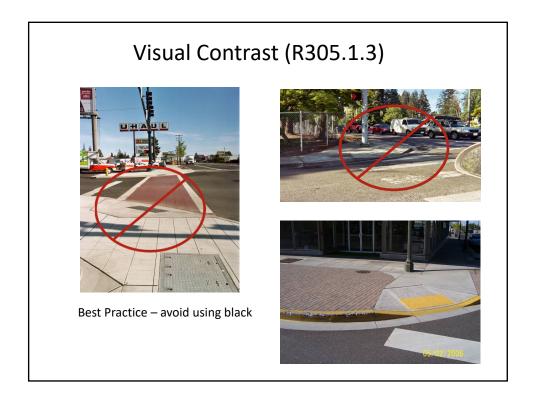
Blended Transitions (R304.4)

- Curb is missing around corner so need DWS
- Running slope 5 percent maximum

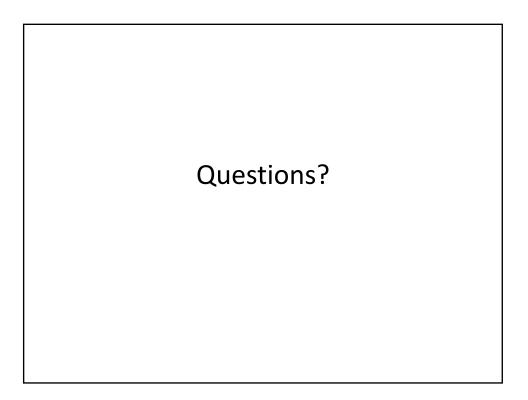




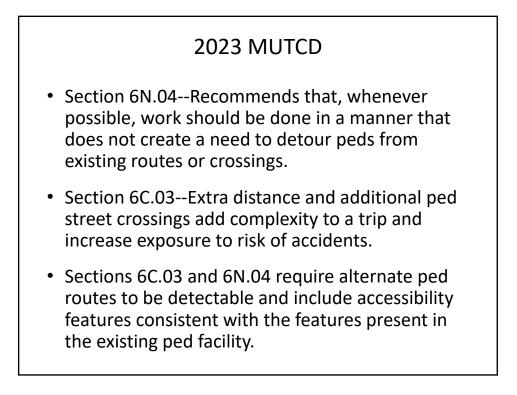








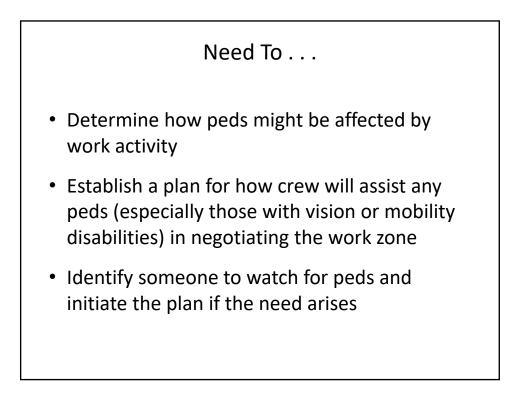


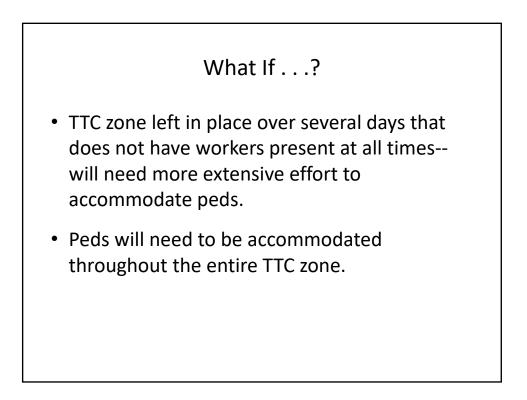


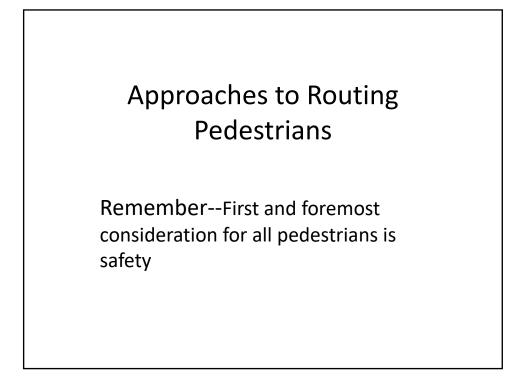
In Accommodating Pedestrians, Consider

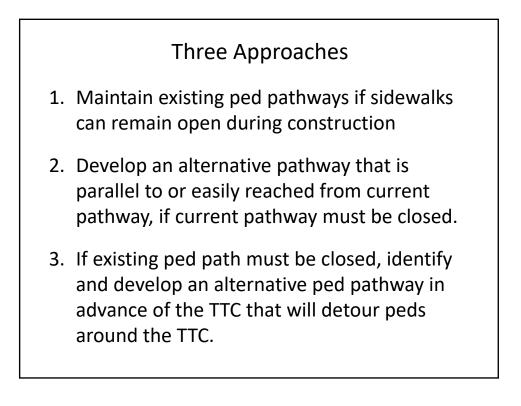
- Type of work being performed
- Duration of the work
- The hazards and impediments the work will create for peds





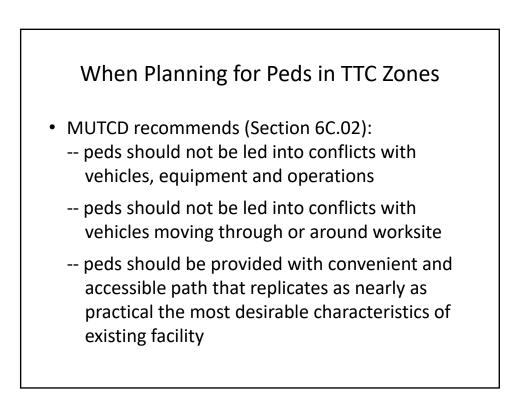






Maintaining Accessibility on Current Pathway

 If current ped pathway can remain safely open to all users during construction, MUTCD states that temporary facilities <u>must</u> include accessibility features consistent with features present in the existing ped facility.



In Addition . . .

- Protect peds from trenches/holes adjacent to path (must be detectable and continuous)
- Make sure good sight lines are maintained for peds and drivers at intersections
- Make sure access to transit stops and businesses is provided

