

What Will Be Covered

- Background
- Overview
- Changes from NPRM
- Pedestrian Access Routes
- Relationship to the MUTCD
- Q&A

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What is **PROWAG**?

- Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way
- <u>Minimum</u> accessibility guidelines for pedestrian facilities in the public right-of-way
- Applies to existing facilities when altered
- Ensure pedestrian facilities in the public rightof-way are readily accessible and usable

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for Pedestrian Facilities the Public Right-of-Wa 2023

UNITED STATES ACCESS BOARD

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Pedestrian overpasses and underpasses

Street furniture, including public toilets, tables, counters, benches, drinking fountains

Transit stops and transit shelters

Stairs and escalators

Pedestrian signs

At Grade Rail Crossings

Handrails

PROWAG Organization

- Chapter 1: Application and Administration
- Chapter 2: Scoping Requirements
- Chapter 3: Technical Requirements
- Chapter 4: Supplemental Technical Requirements

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Topics Covered

- Pedestrian access routes
- Alternate pedestrian access routes
- Protruding objects and vertical clearance
 On-street marked or metered parking . Passenger loading zones
- Sidewalks
- Street furniture .
- Curb ramps and blended transitions
- Detectable warning surfaces
- Crosswalks
- . Accessible pedestrian signals
- Pedestrian signal timing

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Topics Not Covered or Not Covered In-Depth

- Separated bike lanes, floating bus stops, shared spaces, electric vehicle charging stations, and other street design innovations
- Quick build projects, e.g., flex post curb extensions and pedestrian crossing islands
- Tactile walking surface indicators other than detectable warning surface, e.g., tactile direction indicator
- People with intellectual and developmental disabilities
- Engaging people with disabilities

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New Construction Projects

- · Construction on undeveloped land, i.e., greenfield
- New construction must fully comply
- EXCEPTION: Pedestrian facilities within vaults, tunnels, and other spaces used only by service personnel for maintenance, repair, or monitoring of equipment are not required to comply.

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Alterations Projects

- Change to, or an addition of, pedestrian facility in existing developed public right-of-way
- Must comply to the maximum extent feasible where existing physical constraints make compliance technically infeasible

Existing ROW width is not a physical



Not tied to funding sources

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constraint

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Pedeastrian Access Routes & Pedestrian Structure of the second st











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No more advisories
 MUTCD sections previously incorporated by reference now stated directly
 "alternative designed and be added anded and be added and be added and

General Changes

 "alternative designs, products, or technologies" that provide "substantially equivalent or greater accessibility" are allowed except for treatments covered under the ABA

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Parking and Passenger Loading Zones (Cont.)

- Metered or signed on-street shall provide the minimum number of accessible spaces on the block perimeter
- Parking designated exclusively as residential or for commercial or law enforcement vehicles shall not be counted in number of spaces
- Where spaces are altered, parking requirements are applicable only to the affected spaces until the minimum number spaces are provided

to 25	1
6 to 50	2
1 to 75	3
6 to 100	4
01 to 150	5
51 to 200	6
01 and over	4 percent of total

At least one accessible loading zone shall be provided in every continuous 100 feet of loading zone space, or fraction thereof.

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Crosswalks

- Grade shall be 5% max. If superelevated may match the superelevation slope.
- Cross slope shall be 2.1% max at yield or stop controlled locations.
- Cross slope shall be 5% max at uncontrolled, signalized, or locations with PHBs.
- Cross slopes at midblock or roundabouts shall not exceed street grades.

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- Audiple and vibrotactile indication
 Include a locator tone
- Include a locate
 Tastil
- Tactile arrow
- Access Board declined to provide guidelines on what alteration triggers APS installation.

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Pedestrian Activated Warning Devices

- Pedestrian activated warning devices, e.g., RRFBs, require audible speech message indicating the status of the beacon
- Push button activated, or



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• Requires alternate transit stops if accessible transit stops are temporarily not accessible, e.g., due to construction

 Boarding and alighting area guidant 	ce and access to PAR
consistent with draft PROWAG	
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Shared Use Paths

- Updates definition of "shared use path" to emphasize transportation purpose A multi-use path designed primarily for use by bicyclists, pedestrians, and other authorized motorized and non-motorized users, for transportation purposes, and that may also be used for recreation. Shared use paths are physically separated from motor vehicle traffic by an open space or barrier and are either within the highway or other public right-of-way. e traffic by
- SUPs accessing overpasses and underpasses may exceed 5% slope if ramps and landings provided
- Permits bollards to prevent motor vehicle entry but must maintain 4' clear width from each of bollard



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Ramps and Stairs

- Ramps rise of 30" max before landing
- · Ramps require minimum clear width of 4' (i.e. between handrails if provided)
 - EXEPTION: Where a ramp only serves a building entrance, the clear width of the ramp run can be minimum 3'
- Stairs requires 1" wide visual contrast on treads & top landing

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Key Terms

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path.

way.





















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Protruding Objects

- Objects 27" to 80" above ground are not detectable by cane Objects in furniture or frontage zones
 - must not protrude more than 4"
 - Handrails can protrude 4-1/2" max · Protruding objects may be protected by a barrier or curb that is at least 2-1/2" high



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Manual on **Uniform Traffic Control Devices**

- Effective January 18, 2024
- States have 2-years to adopt or provide their own in substantial conformance

















- Maximum cross slope is 1:48 (2.1%)
- For landings, accessible routes, and clear
- spaces adjacent to operable parts Requirements for alternate pedestrian access routes (formerly in MUTCD)
- For alternate pedestrian access routes, requires audible or other non-visual signage in advance of decision points

MNDOT Approved

https://empco-lite.com/audible_device_model_400_ADA.htm https://mditrafficcontrol.com/products/ada-speak-master

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