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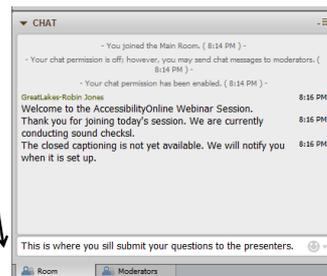
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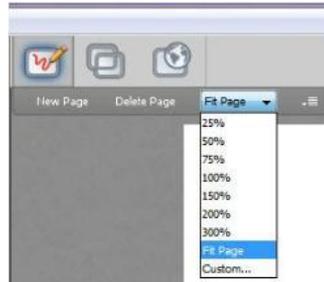
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# Question & Answer

**Presenters:**



**Juliet Shoultz**



**Dave Yanchulis**

**U.S. Access Board**

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## Session Agenda

**Questions & Answers on:**

- **ADA & ABA Standards**
- **MDE Standards**
- **Public Rights-of-Way**
- **Recreation Facilities**

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## Temporary Facilities (§201.3)



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## Parking Spaces

*Can two spaces share an access aisle?*



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# Parking Spaces



Measured from centerline  
of markings

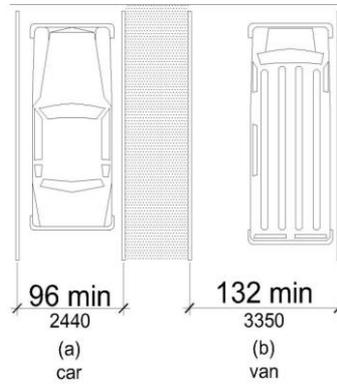
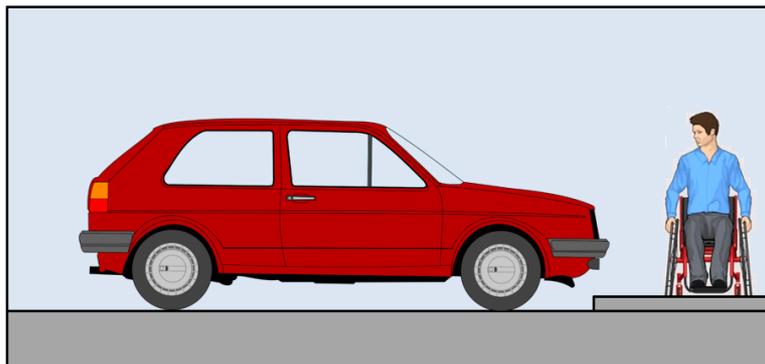


Figure 502.2  
Vehicle Parking Space

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***What are the options for preventing parked vehicles from intruding into the min. width of accessible routes?***



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## Parking Spaces

**“Parking spaces and access aisles shall be designed so that [parked vehicles] cannot obstruct the required clear width of adjacent accessible routes.” (§502.7)**

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***Are electric vehicle (EV) charging stations required to comply?***



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# EV Charging Stations

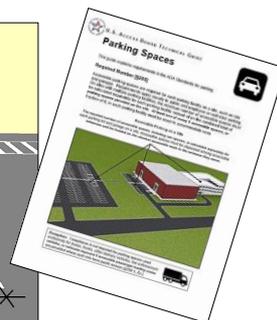
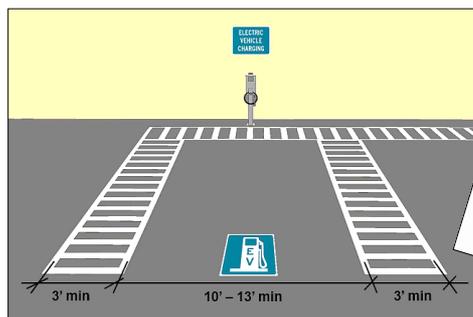
- Not addressed by ADA or ABA Standards
- Access is advisable (required by some states)
- Recommended: access to a “reasonable” number or apply parking table (§208.2)
- EV spaces can’t count toward the required number of accessible parking spaces

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# EV Charging Stations

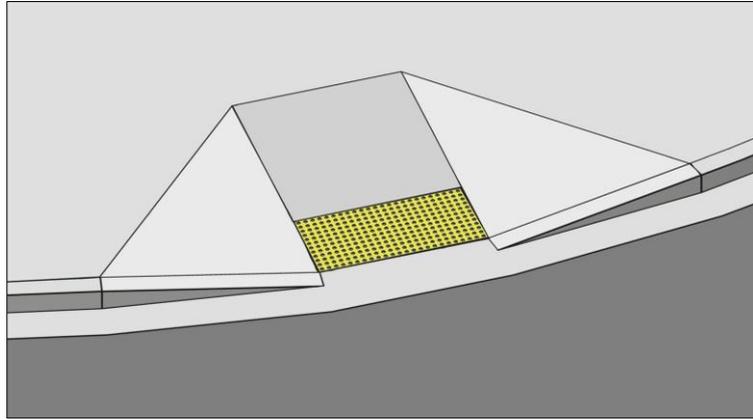
Recommended:

- AR on both sides to charging station
- Space at least 10' – 13' wide
- Use ISA only where spaces reserved for access



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## ***When are detectable warnings required on curb ramps?***

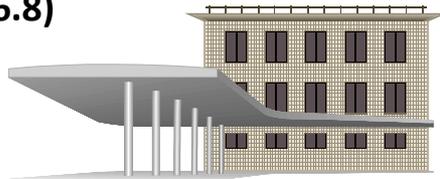


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## **Detectable Warnings**

### ***Required:***

**curb ramps at public transportation facilities -  
DOT's standards (§406.8)  
(not other facilities)**



### ***Recommended:***

**Public sidewalks (new guidelines for  
public rights-of-ways to address)**



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***Has there been any updates on how the slip resistance of floor or ground surfaces is specified?***



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## **Floor & Ground Surfaces**

- **Must be “*stable, firm and slip resistant*” (§302.1)**
- **Min. level of slip resistance not specified - no consensus on measuring method**
- **Specify materials, textures, or finishes that prevent/ minimize slipperiness under the conditions likely to be found on the surface**

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***Which signs must be tactile  
(i.e., raised & brailled)?***



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## **Tactile Signs**

**Signs identifying “permanent” rooms & spaces:**

- **designations not likely to change over time (or without significant alteration of room/space)**
- **typically located at doorways**



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## Tactile Signs (§216.2)

- room and floor numbers/letters
- room names
- labels for restrooms, locker rooms, cafeterias, libraries, conference rooms, mechanical rooms, and other permanent rooms/spaces
- doors at exit stairways, exit passageways, and exit discharge (label required) [§216.4]
- signs identifying rail stations/entrances [§810.6]

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*Are alternatives to the ISA  
(e.g., “dynamic” symbols) allowed?*



Accessible Icon Project

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# Inter. Symbol of Accessibility

(maintained by the International Organization for Standardization)



Original ISA (1968)  
reprinted in the ADA & ABA  
Standards (§703.7.2.1)



Current ISA  
(2007)

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***Are self-service checkout devices  
covered as sales/ service counters?***



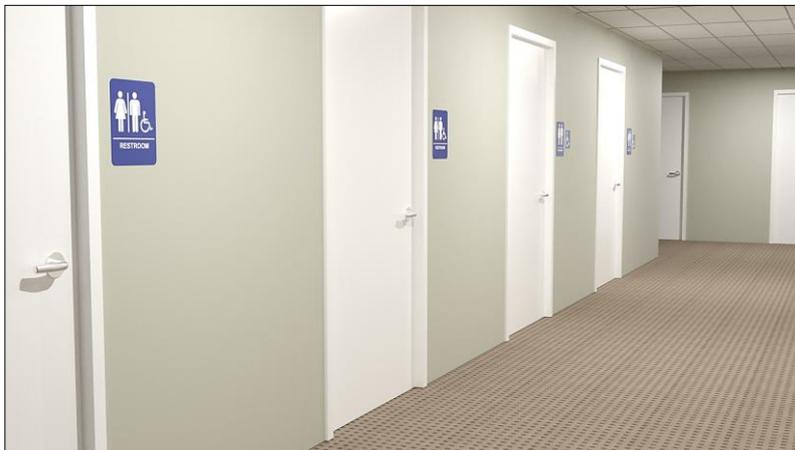
30

***Does providing unisex restrooms instead of men's & women's restrooms impact application of the standards?***



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## **Unisex Restrooms**



**Single user toilet rooms clustered in one location:  
half for each use must comply (§213.2., Ex. 4)**

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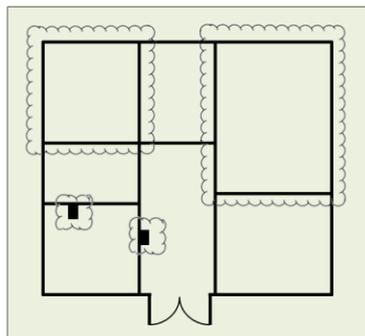
## *How do the standards apply in alterations?*



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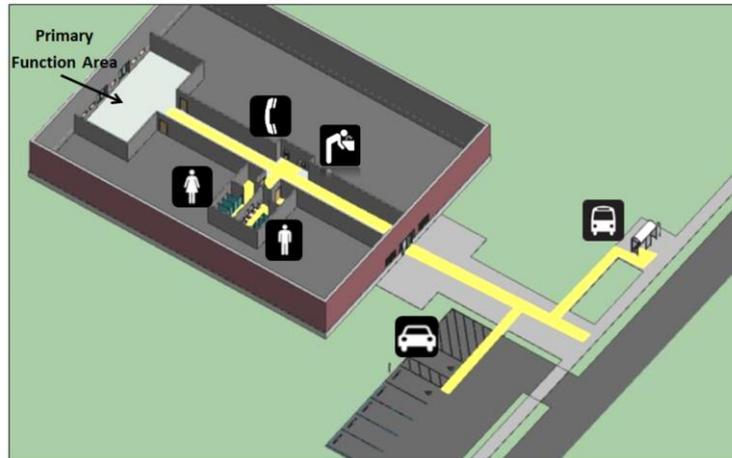
## **Alterations (§202.3)**

*“Where existing elements or spaces are altered, each altered element or space shall comply with the applicable requirements...”*



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## Alterations: Primary Function Areas (§202.4)



Required accessible path of travel

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***Can the accessible route connect to a vehicle way on the site instead of directly to a public street?***

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# Standards for Medical Diagnostic Equipment (MDE)

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## MDE Standards

- Issued Jan. 2017 under the ACA
- Apply to exam tables/chairs, weight scales, radiological & mammography equipment, etc.
- Cover equipment by use position (standing, lying down, or seated) and whether mobility accommodated
- Voluntary unless adopted by an enforcing authority



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## **MDE Standards**

*Do knee crutches satisfy the requirement for “leg supports” required at medical diagnostic equipment with stirrups?*

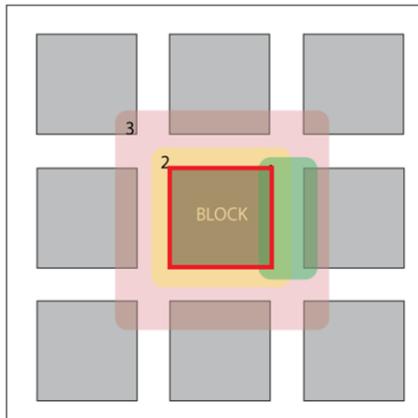
**The MDE standards require a means of “supporting, positioning, and securing” legs (M301.3.2, M305.4)**

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## **Public Rights-of-Way**

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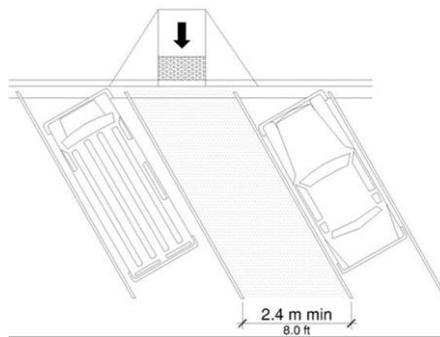
## On-Street Parking: Block Perimeter



- Number of accessible spaces is based on total marked or metered spaces on a block perimeter
- Scoping Section R214

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## On-Street Parking



- **Angled (or perpendicular) on-street parking requires an 8ft wide min access aisle**

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# Passenger Loading Zone

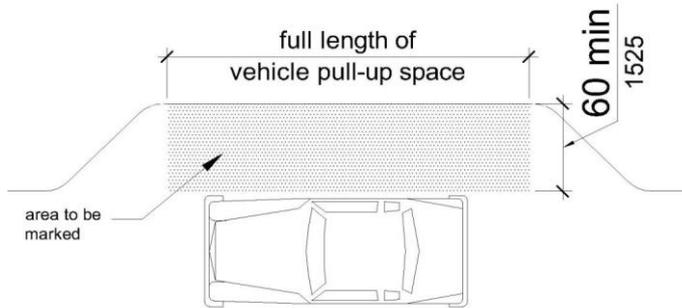


Figure 503.3  
Passenger Loading Zone Access Aisle

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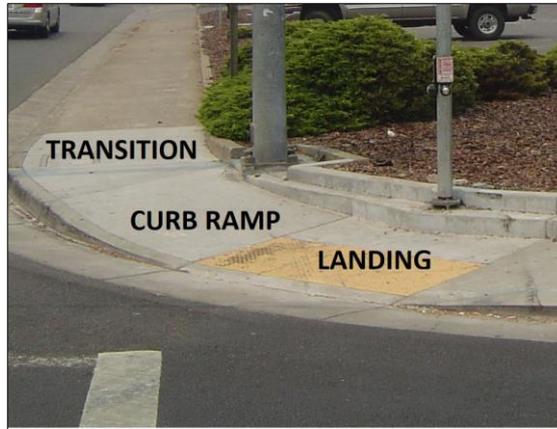
# Detectable Warnings in ROW

## Required at

- Curb ramps
- Blended transitions
- Pedestrian refuge islands
- Pedestrian at-grade rail crossings
- Boarding platforms
- Boarding and alighting areas

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# Transition Segments



Transition segments shall comply with R302 to the maximum extent feasible (PROWAG - R202.3.2)

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# Sidewalk Drop-off



Use engineering judgement

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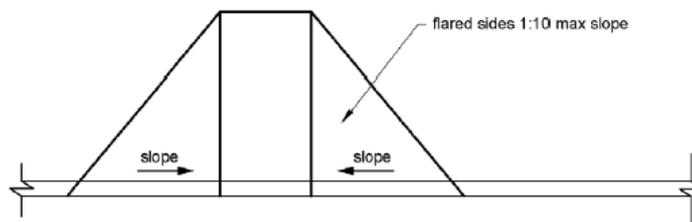
# Curb Ramp Length

- R304.2.2 and R304.3.2 Running Slope. ...The running slope of the curb ramp shall be 5 percent minimum and 8.3 percent maximum but shall not require the ramp length to exceed 4.5 m (15.0 ft.)



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# Public Rights-of-Way



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## Access Route Grade

- R302.5 Grade. ...where pedestrian access routes are contained within a 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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## Handrails

- Are handrails required when the sidewalk exceeds 1:20 slope?



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# Rail Platform



**Detectable warning surface along entire length of platform**

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# Platform and Vehicle Floor Coordination



**Must comply with the requirements in 36 CFR Part 1192**

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# Platform and Vehicle Floor Coordination

- Platform 8" min above top of rail unless on street or from sidewalk



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# Rail Platforms

- In light rail, commuter rail, and intercity rail systems where it is not operationally or structurally feasible to meet the horizontal gap or vertical difference requirements of part 1192 or 49 CFR part 38



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# Bus Signs

- Route identification signs must comply with
  - 703.5.1 through 703.5.4
  - 703.5.7 and 703.5.8
  - 703.5.5 to the max extent practicable



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# Bus Signs

- Bus schedules, timetables and maps that are posted at the bus stop or bus bay are not required to comply with the bus sign requirements in 703



photo of a bus schedule  
on a sign pole at a bus  
stop

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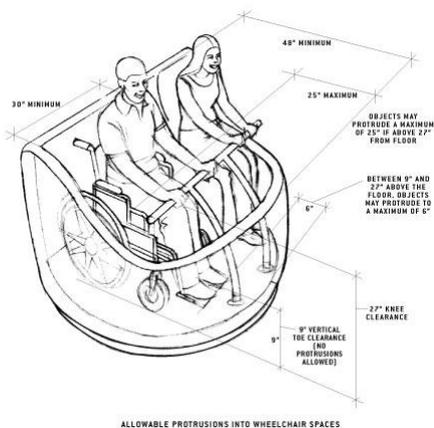
# Recreation Facilities

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## Amusement Ride Companion Seat

Required Where:

- Amusement ride width > 53"
- Seating is provided for more than one rider
- Wheelchair is not required to be centered within the ride to maintain center of gravity



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## Golf Facility – Accessible Routes



- Teeing grounds
- Practice teeing grounds
- Putting greens
- Bag drop areas
- Course toilet rooms

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# Questions?

**You may type and submit questions in the  
Chat Area Text Box or press Control-M  
and enter text in the Chat Area**

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# Technical Guides on the Standards Available on the Board's website



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September 6, 2018**

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