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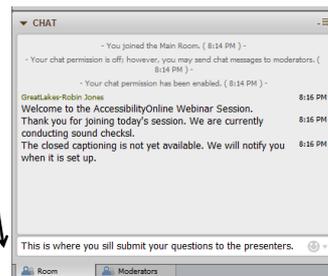
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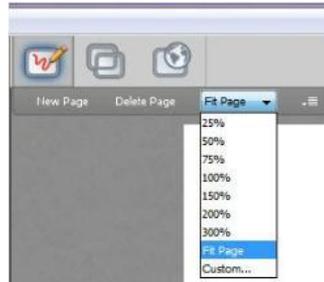
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# Outdoor Developed Areas – A Refresher

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## Today's Webinar Presenter



**Bill Botten**  
Accessibility Specialist  
US Access Board

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# Session Agenda

- Background
- Effective date and covered facilities
- Review of provisions
  - Trails
  - Camping Facilities
  - Picnic Facilities
  - Viewing Areas
  - Beach Access Routes

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## Rulemaking History

September  
1999

- Final Report from the Outdoor Developed Areas Regulatory Negotiation Committee completed

June 2007

- Proposed guidelines published for Federal outdoor developed areas under the Architectural Barriers Act (ABA)

September 26,  
2013

- Board publishes final guidelines for federal outdoor developed areas

November 26,  
2013

- Requirements for Federal agencies become mandatory as part of the Architectural Barriers Act (ABA) Standards

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## What's covered

- Facilities constructed or altered by
  - Federal agencies
  - Non-federal entities constructing facilities on federal land on behalf of federal agencies pursuant to a concession contract, partnership agreement, or similar arrangement

## What's not covered

- ADA – Title II entities - State and local governments, Title III entities, places of public accommodation
- ABA – facilities built or altered with Federal grants and loans (ABA)

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## Options for those not covered

- ADA - where no standard exist...
  - general non-discrimination prohibition and program accessibility requirements for state and local governments apply (includes TRAILS, PICNIC AND CAMPING ELEMENTS, VIEWING AREAS)
- To determine appropriateness of using outdoor recreation access routes and beach access routes (in lieu of an accessible route) – contact DOJ – 800 514-0301

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## Effective Date

**November 25, 2013**

Newly constructed or altered  
elements covered by this rule

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## Format and organization

- ABA Chapter 2:  
Scoping Requirements
- F244 Camping Facilities
- F245 Picnic Facilities
- F246 Viewing Areas
- F247 Trails
- F248 Beach Access Routes

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# Format and organization

## Chapter 10: Recreation Facilities

- 1011 Outdoor Constructed Features
- 1012 Parking Spaces within Accessible  
Camping Units and Picnic Units
- 1013 Tent Pads and Tent Platforms
- 1014 Camp Shelters
- 1015 Viewing Areas
- 1016 Outdoor Recreation Access Routes
- 1017 Trails
- 1018 Beach Access Routes
- 1019 Conditions for Exceptions

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# Trails

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# Trails

- Pedestrian route developed primarily for outdoor recreational purposes
- Newly constructed/alterd trail directly connected to a trailhead or another trail that substantially complies with guidelines
- Conditional exceptions permitted – new and altered
- Shared use paths addressed in separate rulemaking for public rights of way

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# Conditional exceptions

- Apply on a provision-by-provision basis
- Where full compliance with a technical provision is not possible because of the limitations and constraints included in the conditional exceptions...
- “extent practicable”

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# Entire trail exemption

- When applying conditional exceptions to portions of the trail results in exempting the entire trail or beach access route from the technical provisions...
- Notify the Board where an entire trail or beach access route is exempted

**ENTIRE TRAIL EXEMPTION FORM (307) EXCEPTION 2**

This form can be used to notify the U.S. Access Board when a Federal agency determines in accordance with 307.13 Exception 2 that it is impracticable for an area to comply with the technical requirements to 307.13. Federal agencies are encouraged to seek advice from the Access Board before considering completing an entire trail.

Name of Trail: \_\_\_\_\_  Check all boxes that apply.

Location (City, State, and coordinates, etc.): \_\_\_\_\_  307.13(b) Department of Public Facilities

Length of Trail: \_\_\_\_\_  Connects directly to a building or structure that has compliance with all of the technical requirements to 307.13 and any exceptions.

Other Construction

Alternative

The U.S. Access Board accepts these conditions as a basis for submitting an application with 307.13 Exception 2 that it is impracticable for an area to comply with the technical requirements to 307.13.

Check the box(es) condition(s) that apply to the trail.

Trail consists of existing steps and/or other existing structures that are 20 feet or less above the ground level or are less than 10 feet wide at the top.

Trail surface is either 15 feet wide for a distance of 20 feet or more.

Trail width is less than 12 inches wide for a distance of 20 feet or more.

If present in view of the trail does not fully comply with the technical requirements to 307.13.

---

Any additional conditions that render it impracticable for a trail to comply with the technical requirements to 307.13 should be described below under Additional Information.

Additional Information: \_\_\_\_\_

Additional Comments: \_\_\_\_\_

Name: \_\_\_\_\_ Agency: \_\_\_\_\_  
 Position: \_\_\_\_\_ Contact (cell number): \_\_\_\_\_  
 E-mail: \_\_\_\_\_ Phone: \_\_\_\_\_  
 Date: \_\_\_\_\_

U.S. Access Board, 1315 F Street, NW, Suite 1000, Washington, DC 20004-1111  
 800.877.2222 or 202.272.4862 (TDD)  
[www.access-board.gov](http://www.access-board.gov)

# Conditional exceptions

- Compliance is not practicable due to terrain
- Compliance cannot be accomplished with the prevailing construction practices



# Conditional exceptions

- Compliance would fundamentally alter the function or purpose of the facility or the setting
- **Compliance is precluded by the:**
  - Endangered Species Act;
  - National Environmental Policy Act;
  - National Historic Preservation Act;
  - Wilderness Act; or
  - Other Federal, State, or local laws



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## Permissible Uses of Conditions for Exceptions

| Exception Permitted for:  | Application                     |
|---|---------------------------------|
| Outdoor Constructed Features - clear ground space   | Alterations Only                |
| Tent Pads/Tent Platforms - any provision  | New Construction or Alterations |
| Camp Shelters any provision   | New Construction or Alterations |
| Outdoor Recreation Access Routes at Camping facilities, Picnic facilities, and Trailheads - any provision | Alterations Only                |
| Viewing Areas - any provision   | Alterations Only                |
| Outdoor Recreation Access Routes to Viewing Areas -- any provision  | New Construction or Alterations |
| Trails - any provision  | New Construction or Alterations |
| Beach Access routes - any provision   | New Construction or Alterations |

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# Trailheads

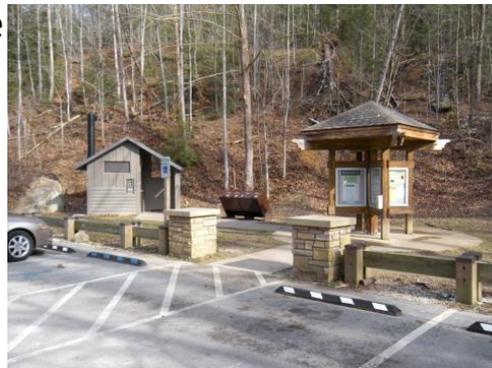
- Outdoor space developed to serve as an access point to a trail
  - Not a junction of two or more trails where no other access point is provided
- 20% of each type of outdoor constructed feature provided within trailhead to be accessible



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# Trailheads

- At least one outdoor recreation access route to connect to parking, site arrival point, the starting point of trail, accessible elements, spaces, and facilities within trailhead
- Conditional exceptions permitted for ORAR in alterations



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## Trail signs

- New trail information signs provided at trailheads on newly constructed or altered trails
- Required information
  - length of the trail or trail segment
  - surface type
  - tread width (typical/minimum)
  - running and cross slope (typical/maximum)



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## Trails

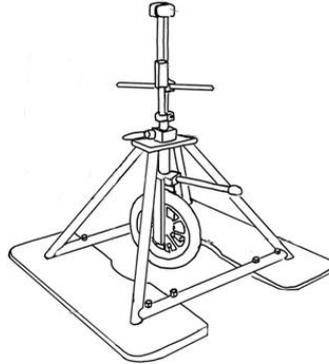
- 36 inches minimum width
- Passing spaces – every 1,000 feet where less than 60 inches in width
- Tread obstacles – 2 inches maximum, except concrete, asphalt, or board = ½ inch
- Openings – ½ inch maximum



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# Trails

– Surface – firm and stable



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## Trail Slope/Grade

| Running Slope of Trail Segment |                      | Maximum Length of Segment |
|--------------------------------|----------------------|---------------------------|
| Steeper than                   | But not Steeper than |                           |
| 1:20 (5%)                      | 1:12 (8.33%)         | 200 feet (61 m)           |
| 1:12 (8.33%)                   | 1:10 (10%)           | 30 feet (9 m)             |
| 1:10 (10%)                     | 1:8 (12%)            | 10 feet (3050 mm)         |

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## Trails

- Cross slope – 1:20 max, except concrete, asphalt, or boards = 1:48
- Resting intervals – 60 in. long, alongside trail - turning space, slope 1:20 max, except concrete, asphalt, or boards = 1:48
- Gates and barriers – clear width, gate hardware



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## Protruding Objects

- Compliance with 307
- Only applies to constructed elements on trails, resting intervals, and passing spaces



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# Outdoor Constructed Features

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## Outdoor constructed features



- Picnic tables
- Fire rings
- Grills
- Fireplaces and woodstoves
- Trash and recycling containers
- Water hydrants
- Utility and sewage hookups
- Outdoor rinsing showers
- Benches
- Viewing Scopes

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## Outdoor constructed features

- **Number required to be accessible** - camping facilities, picnic facilities; viewing areas, trailheads, and trails (not scoped at beaches)



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## Outdoor constructed features

- Clear ground space – exception where feature is altered, but surface is not OR where conditional exceptions permit departures in alterations
- Size and location – addressed in a table for each element
- Surface – firm and stable
- Surface slope – 1:20 except asphalt, concrete, or boards = 1:48 maximum
- Openings =  $\frac{1}{2}$  inch

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## Picnic tables

- One wheelchair space for each 24 linear feet of usable table surface, knee and toe clearance required at space (306)



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## Picnic tables

- Positioned for forward approach
- Knee and toe complying with 306
- 36 inches along all usable sides of the table



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## Fire rings, grills, fireplaces, and woodstoves

- fire building surface - 9 inches minimum above the clear ground space
- cooking surface – 15 inches minimum – 34 inches maximum above clear ground space.



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## Fire rings, grills, fireplaces, and woodstoves

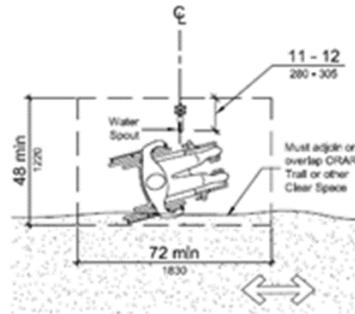
- Clear space - 48 inches by 48 inches on all usable sides
- Space centered on each usable side
- Raised edges/walls – depth 10 inches maximum
- Operable parts – must be in reach range, comply with requirement for grasping, twisting, pinching (309.4) to the extent practicable



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## Water hydrants

- 48 by 72 inches
- Located so that water spout is 11 in. min. and 12 in. max. from the rear center of the long side of the space
- Adjoining ORAR, trail, or another clear space



1011.2.1 Clear Ground Space  
Water Hydrants

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## Water hydrants

- Water spouts – 28 inches min – 36 inches max.
- Operable parts – comply with reach ranges only
- Comply with requirement for tight grasp, twisting, or pinching with one hand (309.4) to the extent practicable



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## Utility and sewage hookups

- 30 inches by 60 inches
- Locate space so that the hook-ups are at the rear center
- No bollards in the clear ground space



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## Outdoor rinsing showers

- 60 inches by 60 inches space centered on the shower heads
- Located with the shower pedestal at rear end of the space
- At least one handheld or fixed head = 48 inches minimum



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# Benches

- 36 inches by 48 inches space positioned near the bench.
- One side of the space adjoining an ORAR or trail.
- Space may not overlap the ORAR or trail.
- *Provisions only apply in picnic and camping facilities, viewing areas, trailheads, and along trails.*



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# Trash and recycling containers

- Clear ground space  
36 X 48 – forward  
30 X 60 – parallel  
(positioned to receptacle opening)
- Adjoin or connect to an ORAR, trail



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## Trash and recycling containers

- Exception for hinged lid receptacles designed to keep out large animals (operation - 309.4)



- Dumpster type trash and recycling receptacles exempt from reach ranges or operable part provisions. (309.3 and 309.4)



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## Picnic Facilities

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## Picnic facilities

Developed for outdoor recreational purposes that contains picnic units.



## Picnic unit

Outdoor space in a picnic facility that contains outdoor constructed features.



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## Picnic facilities

- At least 20% of picnic units in picnic facility where two or more picnic units are provided
- Two or fewer = each accessible



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## Picnic facilities

- 20% of outdoor constructed features in public and common use areas serving accessible picnic units
- Dispersion of accessible picnic units required
- ORAR connection



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## Camping Facilities

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# Camping facilities

- Camping facility – developed for outdoor recreational purposes that contains camping units.



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# Camping facilities

- Camping unit – outdoor space in a camping facility that contains outdoor constructed features, RV parking spaces, tent pads or tent platforms, or camp shelters.



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# Camping facilities

| Total Number of Camping Units Provided in Camping Facility | Minimum Number of Accessible Camping Units Required |
|--|---|
| 1  | 1   |
| 2 to 25  | 2   |
| 26 to 50   | 3   |
| 51 to 75   | 4   |
| 76 to 100  | 5   |
| 101 to 150   | 7   |
| 151 to 200   | 8   |
| 201 and over   | 8, plus 2 percent of the number over 200            |

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# Camping facilities

- Applies to each type of camping unit provided.
- Dispersion of accessible camping units required



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## Alterations or additions

- Where camping units are altered or added, requirements apply only to units altered or added...
- Until the number of camping units with mobility features complies with the minimum number required in Table F244.2.



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## Outdoor constructed features

- Multiple features within accessible units; at least 2
- 20% of OCF's in public and common use areas serving accessible camping units
- ORAR connection



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# Camping facilities

- Parking spaces within accessible camping units
  - RV space – 20 feet wide minimum, exception - 16 feet where two adjacent spaces are provided
  - Other vehicles – 16 feet wide minimum
  - Surface – firm and stable
  - Slope - 1:20 maximum, except asphalt, concrete, or boards = 1:48



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# Camping facilities

- Tent pads and tent platforms
  - 48 inches space on all usable sides, exception where conditional exceptions apply
  - Surface – stable and firm
  - Slope – 1:20 maximum, except asphalt, concrete, or boards = 1:48
  - Tent platform – 19 inches maximum above surface



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## Camping facilities

### Tent platforms/ camping shelters

- Floor height where elevated at entrance - 19 inches maximum above ground
- Where level entry or ramped entry is provided – turning space required



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## Camping facilities

- 36 inches minimum by 48 inches minimum space
- Surface – firm and stable
- Slope – 1:20 maximum, except asphalt, concrete, or boards = 1:48
- Conditional exceptions permitted in new and altered



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# Viewing Areas

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## Viewing areas

- Outdoor space developed for viewing a landscape or point of interest
- 20% of each type of outdoor constructed feature
- Clear ground space –
  - at each distinct viewing location
  - one full unobstructed side of space to adjoin or overlap an ORAR, trail, or another clear ground space



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## Viewing scopes

- Eyepieces located between 43 inches minimum and 51 inches maximum
- 36 inches by 48 inches positioned for forward approach.
- Eyepiece centered on the space.
- Knee and toe clearance complying with 306.
- Conditional exceptions permitted in alterations



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## Outdoor Recreation Access Routes

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## Outdoor recreation access route (ORAR)

- Modified accessible route
- Connects outdoor constructed features within picnic facilities/units, camping facilities/units, designated trailheads or viewing areas



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## Outdoor recreation access routes

Connecting recreation facilities



Connecting common use and public use areas in picnic, camping, and viewing areas



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# Outdoor recreation access routes

- Where ORAR are provided within vehicular ways – exception for passing spaces, slope, and resting intervals



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# Outdoor recreation access routes

- Conditional exceptions permitted when altering existing ORAR



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## Outdoor recreation access routes

- Surface – firm and stable
- Clear width – 36 inches minimum
- Passing space – required where width is less than 60 inches - 200 ft. max
- Obstacles – 1 inch maximum, except concrete, asphalt, or boards = ½ inch
- Openings – ½ inch



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## Outdoor recreation access routes

| Running Slope of Segment of Outdoor Recreation Access Route |                      | Maximum Length of Segment |
|---|----------------------|---------------------------|
| Steeper than  | But not Steeper than |                           |
| 1:20 (5%)   | 1:12 (8.33%)         | 50 feet (15 m)            |
| 1:12 (8.33%)  | 1:10 (10%)           | 30 feet (9 m)             |

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## Outdoor recreation access routes

- Cross slope – 1:20 maximum, except concrete, asphalt, or boards = 1:48
- Resting intervals – 60 inches in length minimum, adjacent to ORAR - turning space
- Protruding object provision applies to constructed elements



## Beach Access Routes

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# Beach access routes

Where required –

The construction or alteration of any of the following facilities to serve the beach:

1. Circulation paths;
2. Parking facilities;
3. Toilet facilities; or
4. Bathing facilities

Exception limits the cost of the beach access route to no more than 20 percent of the cost of constructing or altering the facilities

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- Beach access routes required where the entity that administers or manages a beach undertakes a beach nourishment project.
- EXCEPTION: Not required to expend more than 20 percent of the costs of a beach nourishment project.



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## Beach access routes



- Permanent or removable
- Minimum number – at least one for each ½ mile of shoreline managed by the entity
  - Not required to exceed the number of pedestrian access points to a beach provided by the entity
- Conditional exceptions permitted – new and altered

## Maximum running slope and segment length

**Table 1018.7.1 Maximum Running Slope and Segment Length**

| Running Slope of Beach Access Route Segment |                      | Maximum Length of Segment |
|---|----------------------|---------------------------|
| Steeper than                                | But not Steeper than |                           |
| 1:20 (5%)                                   | 1:12 (8.33%)         | 50 feet (15 m)            |
| 1:12 (8.33%)                                | 1:10 (10%)           | 30 feet (9 m)             |

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## Beach access routes

- Connections -
  - High tide level
  - Mean high water
  - Normal recreation pool
- Clear width - 60 inches minimum
- Surface - firm and stable
- Obstacles - 1 inch max, except concrete, asphalt, or boards = ½ inch



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## Dune crossings

Where the slope of a beach access route at a dune crossing is steeper than 1:20 (5%)

- Handrails complying with 505
- Curbs or barriers to prevent passage of a 2 inch diameter sphere



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# Questions?

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**Open Q and A**

**March 1, 2018**

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