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Beyond the Built Environment

Chapter 10	Outdoor Areas	Other
<ul style="list-style-type: none"> Amusement rides Fitness equipment Boat slips & boarding platforms Sports Courts/Fields Fishing piers & platforms Golf Miniature golf Play areas Swimming pools Shooting positions 	<ul style="list-style-type: none"> Outdoor facilities <ul style="list-style-type: none"> Picnic areas Viewing areas Campgrounds Trails Beaches 	<ul style="list-style-type: none"> Shared use paths Public rights of way

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Status of Rulemaking

	ADA (Americans with Disabilities Act)	ABA (Architectural Barriers Act)	Best Available Info
Recreation Facilities	✓ (Chapter 10)	✓ (Chapter 10)	
Outdoor Developed Areas		✓ (Chapter 10)	✓
Public Rights of Way (PROWAG)			✓
Shared Use Paths			✓

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Outdoor Developed Areas

Beach Access Route (F248)

- Coincide with pedestrian access points;
- From parking facilities, toilet facilities or bathing facilities;
- Including dune crossings, stairways or ramps leading from boardwalks;
- Connect entry point at beach to:
 - High tide level at tidal beaches;
 - Mean high water level at river beaches; or
 - Normal recreation water level at lake, pond, and reservoir beaches. (Draft Final Accessibility Guidelines for Outdoor Developed Areas, 1018.2)

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Outdoor Developed Areas

Beach Access Routes

- Required when entity constructs or alters any circulation paths, parking facilities, toilet facilities, or bathing facilities that serve the beach (not to exceed 20% of the costs of construction or alteration).
- Beach nourishment project (not to exceed 20% of the costs of a beach nourishment project to provide beach access routes).

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Outdoor Developed Areas

Beach Access Routes

- Permanent or removeable
- Coincide with pedestrian access points
- Minimum number – at least one beach access route for every ½ mile of shoreline administered by the agency
- Not required to exceed the number of pedestrian access points to a beach provided by the entity
- Conditional exceptions permitted – new and altered


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Outdoor Developed Areas

Beach Access Routes

- 60" min width (can reduce to 48" at dune crossings)
- Tread obstacles ½" max for concrete, asphalt or boards; 1" max other types of surfaces
- Openings ½" max
- Resting intervals
- Protruding objects



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Outdoor Developed Areas


Beach Access Routes

Running Slope

- 1:20 (5%) for any distance
- 1:12 (8.33%) for 50 ft max
- 1:10 (10%) for 30 ft max

Cross slope

- 1:48 (2.08%) concrete, asphalt or boards
- 1:20 (5%) max for other types of surfaces




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Outdoor Developed Areas

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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Outdoor Developed Areas

Outdoor Rinsing Showers

- 60 x 60 inch clear ground space centered
- Located with the shower pedestal at rear end of the space
- At least one handheld or fixed head = 48 inches minimum
- Operable control



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Maintenance

- 36.211 Maintenance of accessible features. (a) A public accommodation shall maintain in operable working condition those features of facilities and equipment that are required to be readily accessible to and usable by persons with disabilities by the Act or this part.



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Temporary Beach Mats

- Ease of installation
- Ease of maintenance
- Research by Dr Ed Hamilton
 - Tactual function
 - Surface comfort
 - Roughness
 - Slipperiness
 - Mobility
 - Stability
 - Control
 - Ease of movement
 - Turning
 - Aesthetics



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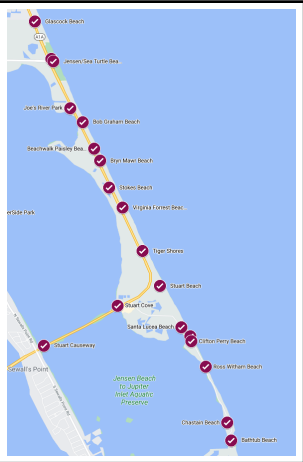
Beach Wheelchairs

- Not specified in ADA regulations
- Similar to single rider golf cart, could be considered an auxiliary aid
- Readily accessible to beach goers
- Can assistive device be used:
 - Independently
 - Dignified



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Group Exercise



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