

Craigville Bathhouse and Beach



Town of Barnstable ADA Transition Plan

June 2021



Institute for Human Centered Design

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Background

Craigville Bathhouse and Beach is located at 997 Craigville Beach Road in Centerville. Amenities include men’s and women’s multi-user toilet rooms, changing rooms, an outdoor spray shower, a beach wheelchair, a book exchange box, bike racks, a beach mat extending from the parking area by the bathhouse that includes a space with a bench, beach umbrellas, a volleyball court and lifeguard stations. There is also a parking lot with approximately 438 parking spaces including two (2) van and five (5) car accessible parking spaces.

Key Accessibility Issues

Beach Access Routes

Accessibility issues include lack of an accessible route that extends to the high tide level at the beach, change in level at the wooden path that leads to the beach and the transition from the path to the sand is higher than the minimum height allowed. Other accessibility issues include lack of a beach access route to at least one beach umbrella and to the boundary of sport activity at the volleyball court.

Toilet Rooms

Accessibility issues with toilet rooms include lack of an ambulatory compartment and lack of an operational self-closing hinge at the accessible compartment in both the men’s and women’s multi-user toilet room.

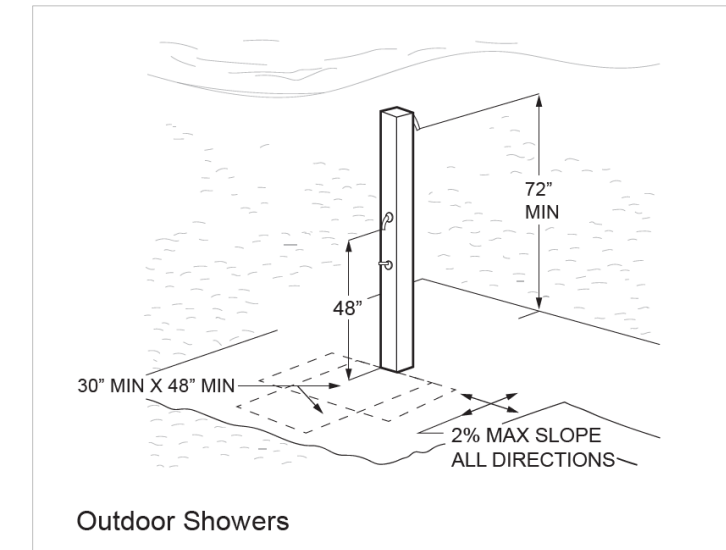
Changing Rooms

Accessibility issues include lack of a changing room with the minimum required clear floor space overall and lack of clear floor space alongside the bench.

Outdoor Spray Shower

Accessibility issues include lack of a spray shower with a showerhead mounted 48” max. above the ground.

Note: In unmonitored facilities where vandalism is a consideration, a fixed shower head mounted at 48” above the shower floor may be used in lieu of a hand-held shower head.



Additional Accessibility Issues

- Lack of a stable, firm and slip resistant accessible route between the parking lot and the base of the book exchange.
- The designation sign at the changing room lacks raised characters and braille.

Order of Magnitude Cost Estimates





- Provide accessible beach access routes to the mean high tide level and to beach amenities (beach mats): \$4,452
- Renovate one (1) changing room: \$5,866
- Renovate toilet rooms: \$4,104
- Renovate outdoor spray shower: \$2,719
- Miscellaneous corrective actions (sign at changing room, accessible route to book exchange, etc.): \$392
- **Total: \$17,533**

Best Practice and Inclusive Design






Best practice and inclusive design recommendations include elements that are not required in the standards but may create enhanced experiences for all users.

- Recommend having the accessible beach access route connect to at least one of the lifeguard stations so individuals who need the stable and firm surface can navigate to where an on-duty lifeguard would be present on the beach should the need arise.
- Recommend providing a bench located on an accessible route with arms and a backrest.





**Town of Barnstable
Craigville Bathhouse and Beach**

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
1	Book Exchange	Ext.		Exterior Access Route	Exterior		Accessible route not provided	-	Ensure an accessible route is provided to the book exchange box. Provide a surface that is stable, firm and slip resistant. (Cost based on an asphalt patch at base of book exchange.)	1	160	\$160
Beach Access Routes												
2	Beach Umbrella	Ext.		Beach Access Routes	Removable		Beach route not provided Surface is not firm and stable	- -	Provide an accessible route that is firm and stable. Ensure an accessible route is provided to at least one umbrella. Reposition stones at edge of lot as needed to ensure an accessible route from the lot to the umbrella. (Cost based on a 6.5' wide x 16.5' long Mobi-mat brand beach mat.)	1	980	\$980
3	Beach Access Route to High Tide Level	Ext.		Beach Access Routes	Removable		Level changes > 1/4" Beach route not provided Surface is not firm and stable	- -	Alter change in level to provide a 1:12 (8.33%) max. slope that connects to a beach mat. Provide an accessible route that is firm and stable. Ensure the accessible route extends to the high tide level. (Cost based on 6.5'x50' beach mat.)	1	2492	\$2492
Access to Goods and Services												
Signage												
4	Changing Rooms - Bathhouse	Ext.		Signage	Designation		Raised characters not provided Braille not provided	- -	Provide text with raised characters duplicated in braille.	1	232	\$232

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Locker Room												
5	Changing Rooms - Bathhouse	Ext.		Locker Room	N/A		5% of changing rooms are not accessible Room is < 78" x 72" 30" clear not provided alongside bench	- - -	Provide an accessible changing room that is 78" by 72" minimum. Provide a 30" min. by 48" min. clear space along the side of the bench so that wheelchair users can transfer.	1	5866	\$5866
Toilet & Bathing Rooms												
Toilet Compartment												
6	Men's Toilet Room	1		Toilet Compartment	Accessible Compartment		Door with malfunctioning self-closing hinge	-	Repair hinge.	1	Labor	\$0
7	Women's Toilet Room	1		Toilet Compartment	Accessible Compartment		Door with malfunctioning self-closing hinge	-	Repair hinge.	1	Labor	\$0
8	Women's Toilet Room	1		Toilet Compartment	Ambulatory Compartment		Ambulatory compartment width < 35" or > 37"	-	Provide an ambulatory accessible compartment that is 60" deep and 35"- 37" wide.	1	2052	\$2052
9	Men's Toilet Room	1		Toilet Compartment	Ambulatory Compartment		Ambulatory compartment width < 35" or > 37"	-	Provide an ambulatory accessible compartment that is 60" deep and 35"- 37" wide.	1	2052	\$2052

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Outdoor Rinsing Showers												
10	Outdoor Spray Shower	Ext.		Outdoor Rinsing Showers			2 fixed showerheads not provided	-	Provide two showerheads located 48" and 72" min. above the ground.	1	2719	\$2719
Play and Sport Areas												
Court												
11	Volleyball	Ext.		Court	Volleyball		Not connected to accessible route	-	Provide an accessible route to the boundary of sport activity at the volleyball court. (Cost based on a 6.5' wide x 16.5' long Mobi-Mat beach mat extending from parking lot to boundary of sport activity. Relocate rocks in parking lot as needed to provide an accessible route.)	1	980	\$980
Best Practice												
Bench												
12	Bench	Ext.		Bench	N/A				Recommend maintaining a 36" x 48" stable, firm and slip resistant surface at one end of the bench so a visitor with a wheelchair or other mobility device can sit alongside the bench with his or her shoulders aligned with someone seated on the bench.	1	-	\$0
Stair Railings												
13	Stairs From Toilet Room to the Beach	Ext.		Stair Railings	N/A				Recommend providing handrails with a 1 1/4" - 2" circular cross section.	1	-	\$0