

Joshua's Pond and Bathhouse



Town of Barnstable
ADA Transition Plan

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Institute for Human Centered Design

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Background

Joshua's Pond and Bathhouse is located at 290 Tower Hill Road. Joshua's Pond consists of one (1) parking lot, one (1) bathhouse, and one (1) pond. The parking lot has 37 parking spaces including (2) accessible parking spaces. The bathhouse has a men's toilet room, a women's toilet room, and one (1) outdoor rinsing shower located outside of the women's toilet room.

Three (3) picnic tables are located outside the bathhouse and a bike rack is connected to the sidewalk. The route to Joshua's Pond leads east from the sidewalk down a steep hill that connects to a staircase.

Note: IHCD team suggests that the Town of Barnstable write a description on their website indicating that the route to Joshua's pond has a path with a steep running slope that connects to stairs leading down to the pond. IHCD also recommends including a description of other ponds in Barnstable that can be reached by an accessible route so the public is aware of every comparable location's accessible characteristics.

Key Accessibility Issues

Exterior Accessible Routes

Accessibility issues include lack of an accessible route to the pond.

Parking

Accessibility issues include an accessible parking identification sign installed lower than the minimum allowed.

Toilet Rooms

Accessibility issues include exposed plumbing underneath both the men's and women's lavatories. Additional issues include a hand dryer that protrudes into the circulation path at the women's toilet room. Also, a hand sanitizer protrudes into the circulation path in the both the men's and women's toilet rooms and the

accessible toilet compartments have malfunctioning self-closing hinges in both toilet rooms.

Additional Accessibility Issues

- Accessible picnic table not connected to an accessible route.
- Raised characters and braille not provided on signs.
- Service counter higher than the maximum allowed.
- Outdoor rinsing shower is not accessible.





Order of Magnitude Cost Estimates

- Miscellaneous corrective actions (signage, toilet rooms, picnic table, service counter, etc.): \$1,920
- Renovate outdoor shower: \$2,719






Total: *\$4,639

***Note:** Costs to address issues with exterior accessible routes are not provided.






**Town of Barnstable
Joshua's Pond and Bath House**

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
1	Pond Access Route	Ext.		Exterior Access Route	Exterior		Running slope > 1:20 (5%) Surface is not stable, firm, and slip-resistant Accessible route not provided	30% - -	Providing an accessible route might be technically infeasible.	1	-	\$0
Off-Street Parking Lot or Garage												
2	Accessible Parking Spots	Ext.		Off-Street Parking Lot or Garage	N/A		Sign bottom < 60" above finished grade	30.5"	Locate sign with the bottom of the sign 60" above the ground.	1	Labor	\$0
Access to Goods and Services												
Stairways												
3	Pond Access Route	Ext.		Stairways	Exterior		Handrails do not extend 12" from stairs Treads < 11" deep Accessible route not provided Tread widths and/or riser heights are not uniform	- 10.5" - -	Providing an accessible route might be technically infeasible.	1	-	\$0
Signage												
4	Route From Parking to Men's Toilet Room	Ext.		Signage	Designation		Raised characters not provided Braille not provided Sign not located on the latch side of the door	- - -	Provide text with raised characters duplicated in braille. Locate sign at permanent rooms alongside the door on the latch side.	1	232	\$232

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
5	Route From Parking to Women's Toilet Room	Ext.		Signage	Designation		Raised characters not provided Braille not provided Sign not located on the latch side of the door	- - -	Provide text with raised characters duplicated in braille. Locate sign at permanent rooms alongside the door on the latch side.	1	232	\$232
Service Counter												
6	Parking Hut	Ext.		Service Counter	N/A		Counter > 36" high	52.75"	Provide a counter that is 36" max. above the ground.	1	880	\$880
Picnic Tables												
7	Field With Picnic Table	Ext.		Picnic Tables	N/A		Picnic table not on an accessible route	-	Ensure that the picnic table is connected to an accessible route. (Cost of 4' wide by 12' long concrete path.)	1	600	\$600
Toilet & Bathing Rooms												
Lavatory												
8	Men's Toilet Room	1		Lavatory	N/A		Exposed plumbing underneath	-	Insulate or otherwise configure pipes to prevent contact for at least one lavatory.	1	92	\$92
9	Women's Toilet Room	1		Lavatory	N/A		Exposed plumbing underneath Dispenser acts as a protruding object	-	Insulate or otherwise configure pipes to prevent contact for at least one lavatory. Relocate paper towel dispenser out of circulation path.	1	348	\$348

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Toilet Compartment												
10	Men's Toilet Room	1		Toilet Compartment	Accessible Compartment		Door with malfunctioning self-closing hinge	-	Repair hinge.	1	Labor	\$0
11	Women's Toilet Room	1		Toilet Compartment	Accessible Compartment		Door with malfunctioning self-closing hinge	-	Repair hinge.	1	Labor	\$0
Dispensers												
12	Men's Toilet Room	1		Dispensers	N/A		Controls > 42" (MAAB) Dispenser acts as a protruding object	58" 7"	Relocate so the operable part is 42" max. above the finished floor. Relocate hand sanitizer out of circulation path.	1	Labor	\$0
13	Women's Toilet Room	1		Dispensers	N/A		Controls > 42" (MAAB) Dispenser acts as a protruding object	55" 7"	Relocate hand sanitizer so the operable part is 42" maximum above the finished floor. Relocate hand sanitizer out of circulation path.	1	Labor	\$0
Outdoor Rinsing Showers												
14	Outdoor Shower	Ext.		Outdoor Rinsing Showers	N/A		2 fixed showerheads not provided	-	Provide two showerheads located 48" and 72" min. above the ground.	1	2719	\$2719