

Barnstable Harbor Marina



ADA Transition Plan

October 2021



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Background

The Barnstable Harbor Marina is located at 110 Freezer Road. It contains a parking lot and five (5) gangways. Those who use the marina to dock their boats must be registered, but the marina itself is open to the public and is open 24 hours. The parking lot has 50 spaces including three (3) accessible spaces.

Key Accessibility Issues

Exterior Accessible Routes

Accessibility issues at Gangways 1 through 4 include excessive changes in level. Additional issues include lack of an accessible route to the picnic table and bench next to Gangway 5.

Parking

Accessibility issues include accessible parking identification signs installed higher than the maximum allowed and lack of a sign with the designation “Van Accessible” at the van accessible parking space.

Gangways

Accessibility issues include gangways that have a width that is narrower than the minimum required and are steeper than the maximum allowed.

Additional Accessibility Issues

- Lack of accessible picnic table next to Gangway 5.

Order of Magnitude Cost Estimates

- Miscellaneous corrective actions (benches, exterior access route, picnic table, sign etc.): \$2,620

Total: \$2,620

***Note:** Because of the excessive and difficult accessibility issues cost to provide an accessible route at the start of the gangways, to widen the existing gangways, and to address other issues with the gangways is not included.

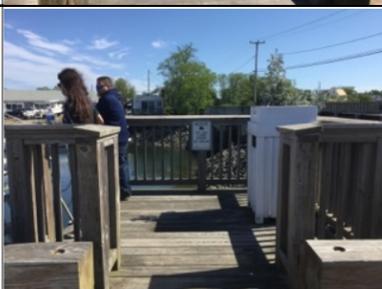
**Town of Barnstable
Barnstable Harbor Marina**

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
1	Dock Ramp 4	Ext.		Exterior Access Route	Dock		Exterior route < 36" wide Level changes > 1/4"	29" 6.75"	Ensure that a clear width of 36" min. is maintained at the accessible route. Alter change in level to be 1/4" high max.	1	-	\$0
2	Dock Ramp 2	Ext.		Exterior Access Route	Walkway		Level changes > 1/4"	6"	Alter change in level to be 1/4" high max.	1	-	\$0
3	Dock Ramp 3 Left Side	Ext.		Exterior Access Route	Sidewalk		Level changes > 1/4"	5"	Alter change in level to be 1/4" high max.	1	-	\$0
4	Route from Parking Lot to Dock	Ext.		Exterior Access Route	Walkway		Level changes > 1/4" Accessible route not provided	5.5" -	Alter change in level to be 1/4" high max. Ensure an accessible route is provided.	1	-	\$0
Off-Street Parking Lot or Garage												
5	Parking Lot Accessible Parking Space East Side	Ext.		Off-Street Parking Lot or Garage	Visitor		Sign does not have the designation "Van Accessible" Sign top > 96" above finished grade	- 111"	Add the designation "Van Accessible" to the sign located at the van accessible space. Locate sign with the top of the sign 96" above the ground.	1	500	\$500

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6	Accessible Parking Space North Side	Ext.		Off-Street Parking Lot or Garage	Visitor		Sign top > 96" above finished grade	107"	Locate sign with the top of the sign 96" above the ground.	1	Labor	\$0
Access to Goods and Services												
Ramps												
8	Dock Ramp Right Side by Accessible Parking	Ext.		Ramps	Exterior		Ramp < 36" wide	29"	Widen ramp so that the clear width is 36" min. (Repair to this ramp might be technically infeasible.)	1	-	\$0
9	Dock Ramp 3 Left Side	Ext.		Ramps	Exterior		Ramp < 36" wide	31.5"	Widen ramp so that the clear width is 36" min. (Repair to this ramp might be technically infeasible.)	1	-	\$0
10	Dock Ramp 5	Ext.		Ramps	Exterior		Ramp < 36" wide Running slope >1:12 (8.33%)	29" 32.1%	Widen ramp so that the clear width is 36" min. (Repair to this ramp might be technically infeasible.) Reduce running slope to be no steeper than 1:12 (8.33%)./Repair to this ramp might be technically infeasible.	1	-	\$0
7	Dock Ramp 2	Ext.		Ramps	Exterior		Ramp < 36" wide Running slope >1:12 (8.33%) Handrails do not extend 12" past top & bottom	30" 52.5% -	Widen ramp so that the clear width is 36" min. (Repair to this ramp might be technically infeasible.) Reduce running slope to be no steeper than 1:12 (8.33%)./Repair to this ramp might be technically infeasible. Alter handrails to extend horizontally above the landing for 12" min. beyond the top and bottom of ramp runs.	1	-	\$0

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
11	Dock Ramp 4	Ext.		Ramps	Exterior		Ramp < 36" wide Running slope >1:12 (8.33%) Handrails do not extend 12" past top & bottom	19" 38.3% -	Widen ramp so that the clear width is 36" min. (Repair to this ramp might be technically infeasible.) Reduce running slope to be no steeper than 1:12 (8.33%)./Repair to this ramp might be technically infeasible. Alter handrails to extend horizontally above the landing for 12" min. beyond the top and bottom of ramp runs.	1	-	\$0
12	Dock Ramp 1 Right Side by Accessible Parking	Ext.		Ramps	Exterior		Running slope >1:12 (8.33%) Handrails do not extend 12" past top & bottom Handrails have non-compliant cross section	16.3% - -	Widen ramp so that the clear width is 36" min. (Repair to this ramp might be technically infeasible.) Alter handrails to extend horizontally above the landing for 12" min. beyond the top and bottom of ramp runs. Provide handrails with 1-1/4" to 1-1/2" circular cross section.	1	-	\$0
13	Dock Ramp 1 Left Side by Accessible Parking	Ext.		Ramps	Exterior		Handrails < 34" or > 38" above ramp surface Handrails do not extend 12" past top & bottom Handrails have non-compliant cross section	45.25" - -	Alter so the handrails are 34"- 38" high above the ramp surface. Alter handrails to extend horizontally above the landing for 12" min. beyond the top and bottom of ramp runs. Provide handrails with 1-1/4" to 1-1/2" circular cross section.	1	-	\$0
14	Dock Ramp 2	Ext.		Ramps	Exterior		Handrails < 34" or > 38" above ramp surface Handrails do not extend 12" past top & bottom Handrails have non-compliant cross section	45" - -	Alter so the handrails are 34"- 38" high above the ramp surface. Alter handrails to extend horizontally above the landing for 12" min. beyond the top and bottom of ramp runs. Provide handrails with 1-1/4" to 1-1/2" circular cross section.	1	-	\$0
15	Dock Ramp 5	Ext.		Ramps	Exterior		Handrails < 34" or > 38" above ramp surface Handrails do not extend 12" past top & bottom Handrails have non-compliant cross section	39.5" - -	Alter so the handrails are 34"- 38" high above the ramp surface. Alter handrails to extend horizontally above the landing for 12" min. beyond the top and bottom of ramp runs. Provide handrails with 1-1/4" to 1-1/2" circular cross section.	1	-	\$0

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Picnic Tables												
16	Picnic Table Next to Dock Ramp 5	Ext.		Picnic Tables	N/A		Toe or knee clearance at table not provided	-	Provide at least one picnic table with top between 28"- 34" above the ground and 27" clear height underneath.	1	1400	\$1400
17	Picnic Table Next to Dock Ramp 5	Ext.		Picnic Tables	N/A		Picnic table not on an accessible route	-	Ensure that the dining surface is connected to an accessible route.	1	240	\$240
Benches												
18	Memorial	Ext.		Benches	N/A		No accessible route to one bench in this area	-	Provide an accessible route to the bench.	1	240	\$240
19	Bench Next to Dock Ramp 5	Ext.		Benches	N/A		No accessible route to one bench in this area	-	Provide an accessible route to the bench.	1	240	\$240