

Michael K. Aselton Memorial Park



Town of Barnstable
ADA Transition Plan
October 2021



Institute for Human Centered Design

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Background

Aselton Park is located at the corner of South Street and Ocean Street, north of Bismore Park. The park does not have a designated parking lot. It is used by families for picnics, but also by the Town for local events such as festivals, markets, pet drives, and yoga classes. The park consists primarily of a large lawn lined with paths and benches, and a stage at the southeast edge of the park.

The main access point to the park is on a large brick area at the corner of South Street and Ocean Street. There are two (2) sets of stairs leading into the lawn. Two (2) pathways lead downhill along the sides of the lawn. One path leads south along Ocean Street, and leads into the walkway along the Marina. There are two (2) benches located along the south side. The other path leads east along South Street into the parking lot next to the Cape Cod Maritime Museum. There are four (4) benches located along the north east side.

The stage is located on the southeast side of the park. Alongside the stage are two small buildings on the west side. IHCD team has been informed that the buildings are only for employees.

Key Accessibility Issues

Exterior Accessible Routes

Accessibility issues with exterior accessible routes include walkways with running and cross slopes that are greater than allowed, excessive changes in level, and surfaces that are not maintained in operable working condition. In addition, vertical clearance of 80" minimum is not provided at the west route due to the presence of a sign. Additional issues include lack of an accessible route to the stage and to an area with accessible seating in front of the stage.

Additional Accessibility Issues

- Benches are not connected on an accessible route.
- Transition at curb ramps is not flush and cross slope is greater than the maximum allowed.
- Lack of an area in front of the stage with accessible seating.

Order of Magnitude Cost Estimates

- Miscellaneous corrective actions (signage, route to benches, etc.): \$600

Total: *\$600






***Note:** Cost to renovate exterior access routes and curb ramps is not provided.

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 extending handrails 12" and providing contrast at exterior staircases.
- Recommend providing detectable warning at curb ramps.
- Recommend providing 36"X48" minimum clear floor space adjacent to the bench.
- Recommend providing back support and arm rest at one bench in this area.
- Recommend providing non-glare finish and contrast is not provided at wayside.
- Recommend providing text size on waysides that complies with the Character Height Table 703.5.5 in the ADA 2010 Standards.






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
1	Near Asselton Memorial	Ext		Exterior Access Route	Walkway		Cross slope > 1:50 (2.00%)	3.5%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
2	Brick Route on South Side	Ext		Exterior Access Route	Walkway		Cross slope > 1:50 (2.00%)	23.1%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
3	Route to East Side Staircase	Ext		Exterior Access Route	Walkway		Cross slope > 1:50 (2.00%)	4.2%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
4	Northeast Route	Ext		Exterior Access Route	Walkway		Cross slope > 1:50 (2.00%) Running slope > 1:20 (5%)	4% 7.3%	Reduce cross slope to be no steeper than 1:50 (2.00%). Reduce running slope to be no steeper than 1:20 (5%).	1	-	\$0
5	Brick Route on South Side	Ext		Exterior Access Route	Walkway		Running slope > 1:20 (5%)	15%	Reduce running slope to be no steeper than 1:20 (5%).	1	-	\$0






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6	Brick Route on South Side	Ext		Exterior Access Route	Walkway		Running slope > 1:20 (5%)	8.9%	Reduce running slope to be no steeper than 1:20 (5%).	1	-	\$0
7	Brick Route on South Side	Ext		Exterior Access Route	Walkway		Running slope > 1:20 (5%)	8.6%	Reduce running slope to be no steeper than 1:20 (5%).	1	-	\$0
8	Cement Route West Side	Ext		Exterior Access Route	Walkway		Running slope > 1:20 (5%) Vertical clearance < 80" above ground	9.1% 69"	Reduce running slope to be no steeper than 1:20 (5%). Install sign with the bottom of the sign 80" min. above the ground.	1	-	\$0
9	Cement Route West Side	Ext		Exterior Access Route	Walkway		Level changes > 1/4"	0.5"	Alter change in level to be 1/4" high max.	1	-	\$0
10	Route West Side	Ext		Exterior Access Route	Walkway		Level changes > 1/4"	1.5"	Alter change in level to be 1/4" high max.	1	-	\$0





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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
11	East Side Stairwell	Ext		Exterior Access Route	Walkway		Level changes > 1/4"	0.5"	Alter change in level to be 1/4" high max.	1	-	\$0
12	Memorial Near East Staircase	Ext		Exterior Access Route	Walkway		Level changes > 1/4"	0.5"	Alter change in level to be 1/4" high max.	1	-	\$0
13	East Side Stairwell	Ext		Exterior Access Route	Walkway		Level changes > 1/4"	1"	Alter change in level to be 1/4" high max.	1	-	\$0
14	Memorial Facing South Street	Ext		Exterior Access Route	Walkway		Route not maintained in operable working condition	.75"	Ensure the accessible route is maintained in operable working condition. (Reduce change in level to 1/4" max.)	1	-	\$0
15	Route to Stage	Ext		Exterior Access Route	Exterior		Accessible route not provided	-	Provide a 15.5' long minimum ramp with handrails from the parking lot to have an accessible route to the stage. Provide an accessible route from the existing path on the southwest side of the park to two wheelchair spaces with companion seating approximately 30' from the front of the stage (beach mat).	1	-	\$0

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Curb Ramp												
16	Ocean Street	Ext		Curb Ramp	N/A		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0
17	Ocean Street at Memorial	Ext		Curb Ramp	Parallel		Transition from curb ramp to street not flush Cross slope > 1:50 (2%) (MAAB)	- 4.4%	Ensure transition from curb ramp to street is flush or free of changes in level. Reduce cross slope at curb ramp to be no steeper than 1:50 (2%). Recommend providing detectable warning.	1	-	\$0
18	Ocean Street at Memorial	Ext		Curb Ramp	Parallel		Cross slope > 1:50 (2%) (MAAB)	3.9%	Reduce cross slope at curb ramp to be no steeper than 1:50 (2%).	1	-	\$0
Access to Goods and Services												
Benches												
19	West Side Cement Route	Ext		Benches	Walkway		No accessible route to one bench in this area	-	Provide an accessible route to one (1) bench in this area. Recommend providing 36"X48" minimum clear floor space adjacent to the bench. (Cost to provide 4' wide by 6' long asphalt path to bench.)	1	240	\$240
20	East Side Route	Ext		Benches	N/A		No accessible route to one bench in this area	-	Provide an accessible route to one (1) bench in this area. Recommend providing 36"X48" minimum clear floor space adjacent to the bench. (Cost to provide 4' wide by 9' long asphalt path to bench.)	1	360	\$360

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Best Practice												
Signage												
21	Memorial	Ext		Signage	Informational				Recommend that character size complies with the Character Height Table 703.5.5 in the ADA 2010 Standards.	1	-	\$0
22	West Side Staircase	Ext		Signage	Informational				Recommend that character size complies with the Character Height Table 703.5.5 in the ADA 2010 Standards.	1	-	\$0
23	By West Side Benches	Ext		Signage	Informational				Recommend providing signs with a non-glare finish with characters that have a high contrast to the background.	1	-	\$0
Stairway												
24	East Staircase	Ext		Stairway	Exterior				Recommend providing contrast at steps and extending handrails 12' at all exterior staircases.	1	!	\$0