

WPC Septage Building



Town of Barnstable ADA Transition Plan

August 2021



Institute for Human Centered Design

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Background

The Water Pollution Control Septage (WPC) facility is located at 617 Bears's Way in Hyannis. Services offered at the WPC include paying for permits and paying bills for all types of water pollution.

Note: IHCD team only surveyed the areas where services are offered to members of the public on the first floor. The first floor includes a service counter.

There are two (2) entrances to the building located on the southeast and west sides of the building. Those entrances are not accessible. The parking area closer to the main entrance is at the loading dock - there are no accessible spaces there. The lower parking lot (southwest side) has seven (7) parking spaces – there are also no accessible parking spaces there.

The septic discharge building is also located on site. That building is not open to the public. Although members of the public drive up to that area where the septic discharge system is located to empty/clean out waste from RV's, septic tank cleaning companies to empty their tank, etc. If a member of the public needs assistance, a staff person is available to assist.

Key Accessibility Issues

- Ramp located on the northwest side of the building has an excessive slope and lacks compliant handrails.
- The entrances/exits are not accessible.
- The egress doors lack tactile signs (with raised characters and braille).
- The service counter is higher than the maximum allowed.
- The interior doors from the main entrance main/exit to the northwest entrance/exit lack compliant door hardware.

Order of Magnitude Cost Estimates

- Miscellaneous corrective actions (Parking, signage, service counter, etc.): \$4,162

Total: \$4,162*

***Note:** Cost to provide an accessible route to the building and an accessible entrance is not included.





A study is needed to determine the feasibility of providing an accessible route and an accessible entrance to the building.

Best Practice and Inclusive Design




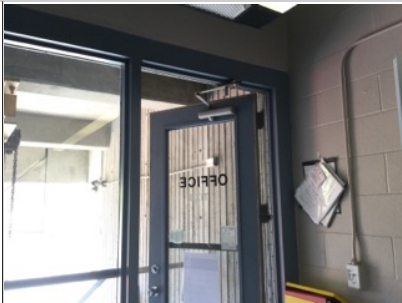

Best practice and inclusive design recommendations include elements that are not required in the standards but may create enhanced experiences for all users.

- Recommend providing information on the website letting members of the public know that the building is not accessible.
- Recommend providing an intercom at an accessible location so a person in a wheeled mobility device, for example, could alert someone inside that they have arrived.
- Recommend providing a van accessible space at the loading dock since members of the public are allowed to park in this area.
- Recommend providing a sign at the top of the stairs (north side) indicating the location of the accessible route.
- Recommend adding contrasting strips at the edge of each step at all interior and exterior stairs.
- Recommend relocating the information signs located at the main entry door to avoid glare.



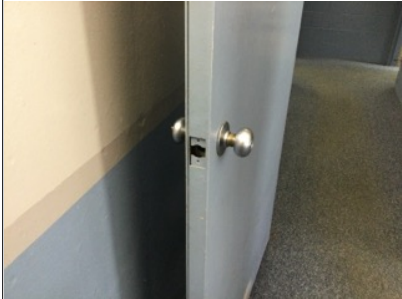


**Town of Barnstable
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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Off-Street Parking Lot or Garage												
1	Lower Parking	Ext.		Off-Street Parking Lot or Garage	Visitor		Total # of parking Total # of designated van accessible spaces	7 -	Provide a van accessible space that is at least 96" wide with a marked access aisle that is at least 96" wide. Locate sign with between 60" - 96" above the ground. Add the designation "Van Accessible" to the sign located at the van accessible space.	1	1850	\$1850
Exterior Ramp												
2	Ramp Near North West Entrance/Exit	Ext.		Exterior Ramp	N/A		Running slope > 1:12 (8.3%)	13.7%	See ID #3.	1	-	\$0
3	Ramp Near North West Entrance/Exit	Ext.		Exterior Ramp	N/A		Running slope > 1:12 (8.3%) Handrails < 34" or > 38" above ramp surface. Handrails not provided at both sides if rise is > 6" Handrails do not extend 12" past top & bottom Handrails have non-compliant cross section	22% 43.75% - -	A study is needed to determine the feasibility of providing an accessible route to the building.	1	-	\$0
Exterior Stair												
4	Main Entrance/Exit	Ext.		Exterior Stair	N/A		Handrails do not extend 12" from stair	-	Top: Ensure handrails extend horizontally above the landing for 12" min. beginning above the first riser nosing. Bottom: Ensure that the sloped bottom extension extends one tread depth minimum beyond last riser nosing in same direction as stair flight.	4	-	\$0





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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
5	Main Entrance/Exit	.5		Exterior Stair	N/A		Handrail not provided on both sides	-	Provide a handrail on both sides.	1	-	\$0
Entrance												
6	Main Entrance/Exit	.5		Entrance	Main Entrance		Entrance not on an accessible route	-	A study is needed to determine the feasibility of providing an accessible route to the building the building and to provide an accessible entrance.	1	-	\$0
7	Stair Near North West Entrance/Exit	Ext.		Entrance	Secondary Entrance		Entrance not on an accessible route	-	A study is needed to determine the feasibility of providing an accessible route to the building the building and to provide an accessible entrance.	1	-	\$0
Access to Goods and Services												
Means of Egress												
8	Main Entrance/Exit	1		Means of Egress			Tactile exit sign not provided	-	Ensure a tactile exit sign with raised characters and braille is provided at exit door. Mount sign between 48"- 60" above the finished floor located on the latch side of the door.	1	232	\$232
9	North West Entrance/Exit	1		Means of Egress	N/A		Tactile exit sign not provided	-	Ensure a tactile exit sign with raised characters and braille is provided at exit door. Mount sign between 48"- 60" above the finished floor located on the latch side of the door.	1	232	\$232

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Interior Access Route												
10	To North West Entrance/Exit	1		Interior Access Route	N/A		Route < 36" wide	28.5"	Ensure that a clear width of 36" min. is maintained at the accessible route.	1	-	\$0
Doors, Doorways, & Gates												
11	From Main Entrance/Exit to North West Entrance/Exit	1		Doors, Doorways, & Gates	Circulation		Hardware not operable with a closed fist	-	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist.	1	484	\$484
12	From Main Entrance/Exit to North West Entrance/Exit	1		Doors, Doorways, & Gates	Circulation		Hardware not operable with a closed fist	-	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist.	1	484	\$484
Signage												
13	Along Driveway to Office	Ext.		Signage	Directional				Remove vegetation to ensure sign is visible to members of the public.	1	Labor	\$0
14	Sign at Intersection to RV's & Septic Discharge	Ext.		Signage	Directional		Visual characters < 40" above ground	20"	Mount visual sign so that the baseline of the lowest character is 40" min. above the ground.	1	Labor	\$0

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Service Counter												
15	Counter - Main Entrance/Exit	1		Service Counter	N/A		Counter > 36" high	42.5"	Provide a counter that is 36" max. above the ground or finished floor.	1	880	\$880
Best Practice												
Signage												
16	Stair to North West Entrance/Exit	Ext.		Signage	N/A				Recommend providing a sign indicating the location of the accessible route.	1	-	\$0
Exterior Stair												
17	Stair to North West Entrance/Exit	Ext.		Exterior Stair	N/A				Recommend adding contrasting strips at the edge of each step at all interior and exterior stairs.	1		\$0
Parking												
18	Loading Dock/Main Entrance to Office	Ext.		Parking	N/A			-	Recommend providing a van accessible space at this location since members of the public are allowed to park in this area.	1	-	\$0