

North Street Parking Lot - West



Town of Barnstable ADA Transition Plan

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Institute for Human Centered Design

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Background

The North Street Parking Lot – West is located at 249 North Street. There are two (2) vehicular entry/exit points to the parking lot located on North Street and a pedestrian entry point from Main Street. The parking lot has 129 parking spaces including five (5) accessible parking spaces. There is one accessible space located near the entrance to the parking lot (near the building company), two (2) accessible spaces near the Hospice Education Network and two (2) accessible spaces near the comfort station. In addition, there is one (1) electrical vehicle charging station near the H.C. Wainwright Building.

Key Accessibility Issues

Accessibility issues in and around the parking lot include walkways that have running and cross slopes and changes in level that are greater than the maximum slope allowed.

Accessible Parking Space near North Street:

Lack of maintenance at the parking space. As a result, the access aisle does not prevent accumulation of water and the identification sign is tilted.

Accessible Parking Spaces near the Hospice Education Network

- Identification signs are lower than the minimum allowed.
- One of the signs lacks the International Symbol or Accessibility (ISA) on the identification sign.

Accessible Parking Spaces near the Comfort Station:

- The access aisle at the accessible parking space is narrower than the minimum required.
- The identification sign at the van accessible space lacks the designation “Van Accessible”.

Order of Magnitude Cost Estimates

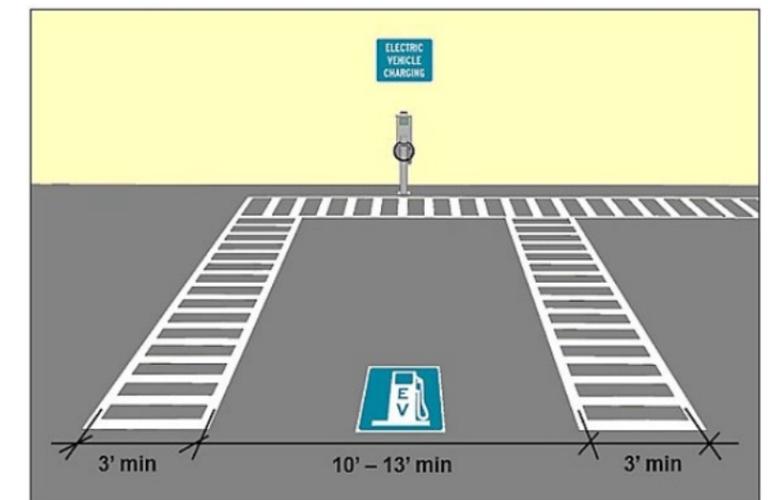
- Miscellaneous corrective actions (signage, access aisles, walkways, etc.): \$2,548

Total: \$2,548

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 an accessible route on both sides of the vehicle spaces that connect to the charging station.
- Recommend providing a 30" by 48" clear floor space at the charging station.



Barnstable MA
North Street Parking Lot - West

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
1	Walkway Near Hospice Education Network	Ext		Exterior Access Route	Sidewalk		Surface openings > 1/2"	1"	Repair surface.	1	256	\$256
2	Walkway - Near 249 North Street	Ext		Exterior Access Route	Sidewalk		Cross slope > 1:50 (2.00%)	5.1%	Reduce cross slope to be no steeper than 1:50 (2.00%). (Cost for adding concrete to correct pathway cross slope.)	1	240	\$240
3	Walkway Towards North Street - Near Builders Company	Ext		Exterior Access Route	Sidewalk		Running slope > 1:20 (5%)	9.9%	Reduce running slope to be no steeper than 1:20 (5%). (Cost for adding concrete to correct pathway running slope.)	1	240	\$240
4	Walkway From North Street to Parking Lot	Ext.		Exterior Access Route	Walkway		Level changes > 1/4"	1.5"	Alter change in level to be 1/4" high max.	1	256	\$256
5	Curb Ramp Near Hospice Education Network	Ext		Exterior Access Route	Exterior		Level changes > 1/4"	0.75"	Alter change in level to be 1/4" high max.	1	256	\$256

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Off-Street Parking Lot or Garage												
6	Accessible Parking Spaces Near Comfort Station	Ext		Off-Street Parking Lot or Garage	Visitor		Access aisle < 96" wide at van space Sign does not have the designation "Van Accessible"	- -	Provide a marked access aisle that is at least 96" wide. Add the designation "Van Accessible" to the sign located at the van accessible space (left parking space).	1	800	\$800
7	Accessible Parking Spaces Near Hospice Education Network	Ext		Off-Street Parking Lot or Garage	Visitor		Sign bottom < 60" above finished grade	55"	Locate sign with the bottom of the sign 60" above the ground. Replace sign with one that has the International Symbol of Accessibility (ISA).	1	500	\$500
8	Accessible Parking Spaces Near Hospice Education Network	Ext		Off-Street Parking Lot or Garage	Visitor		Sign bottom < 60" above finished grade		See ID #7.	1	Labor	\$0
9	Accessible Parking Space - Near 249 North Street	Ext		Off-Street Parking Lot or Garage	Visitor		Sign not maintain in operable working condition		Ensure elements of accessible features are maintained in operable working condition.	1	Labor	\$0
10	Accessible Parking Space - Near 249 North Street	Ext		Off-Street Parking Lot or Garage	Visitor		Accessible space not maintain in operable working condition	-	Repair surface to ensure accessible parking space is maintained in operable working condition.	1	-	\$0
Best Practice												

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Curb Ramp												
11	Toward North Street	Ext		Curb Ramp	N/A				Recommend providing a detectable warning at the curb ramp.	1	-	\$0
Off-Street Parking Lot or Garage												
12	H.C. Wainwright Building	Ext		Off-Street Parking Lot or Garage	N/A			-	Recommend providing an accessible route on both sides of the vehicle spaces that connects to the charging station. Recommend providing a 30" by 48" clear ground space at the charging station.	1	-	\$0