

# North Street Parking Lot - East



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 – East stretches from the intersection of North Street and Barnstable Road to near the intersection of North Street and Winter Street. The North Street parking lot - East consists of several small lots, three (3) of which are Town owned. Between the three (3) lots, there is a total of 140 parking spaces and four (4) accessible parking spaces; the accessible spaces are located at the lot near the intersection of North Street and Barnstable Road (Lot #1 - see the sketch at the end of this narrative report); there are no accessible parking spaces at Lots #2 and #3. There are two (2) vehicular entry points to the parking lot located on North Street and two (2) exit points also on North Street; there is an additional vehicular entry/exit point on Barnstable Road. There are also three (3) pedestrian entry/exit points to the lot located on North Street.

## Key Accessibility Issues

Accessibility issues in and around the parking lot include:

### Lot #1 (see sketch):

- Routes not maintained in operable working condition. As a result, many locations, do not prevent accumulation of water.
- Many areas have faded striping at the parking spaces.
- The cross slope at the access aisle is slightly higher than the maximum allowed.
- The identification signs are mounted lower than the minimum height allowed.
- The identification sign at the van accessible space lacks the designation “Van Accessible”.

### Lot #2 (see sketch):

- There are no accessible parking spaces at this lot.
- Many areas have faded striping at the parking spaces.

### Lot #3 (see sketch):

- There are no accessible parking spaces at this lot.

- Many areas have faded striping at the parking spaces.

## Order of Magnitude Cost Estimates

- Provide three (3) car accessible parking spaces and two (2) van accessible parking spaces (Lots #2 and #3): \$9,250

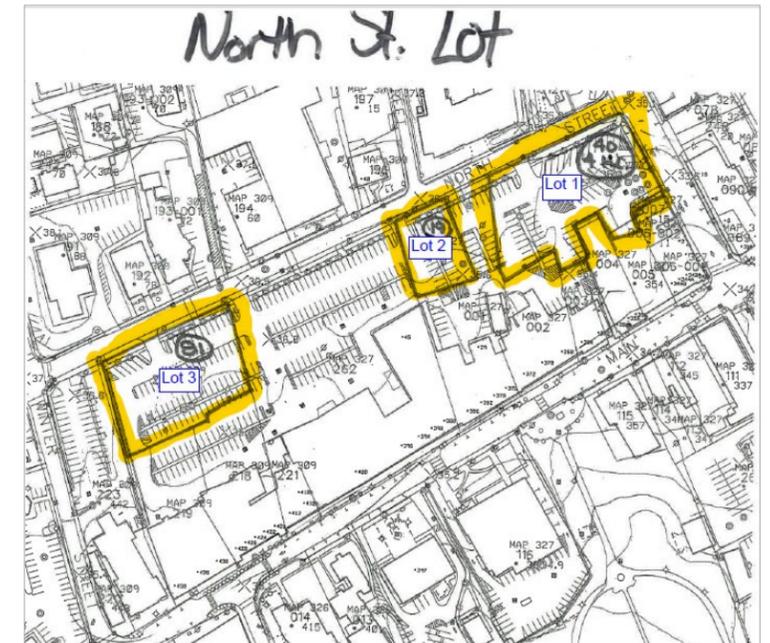
**Total: \$9,250**

**Note:** Cost to restripe the parking lots is not included.

## 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 detectable warnings at all the pedestrian routes located near the vehicular entry/exit points.



Town of Barnstable

North Street Parking Lot - Lot #1 Intersection of North Street and Barnstable Road

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
<b>Approach and Entrance</b>												
<b>Exterior Access Route</b>												
1	Exit Opposite Hyannis Travel Inn From North Street at Parking Lot #1	Ext.		Exterior Access Route	Exterior		Does not prevent accumulation of water Route not maintained in operable working condition	- -	Repair surface to ensure the accessible route is maintained in operable working condition.	1	-	\$0
2	To Barnstable Road From Alberto's Restaurant	Ext.		Exterior Access Route	Exterior		Does not prevent accumulation of water Route not maintained in operable working condition		Repair surface to ensure the accessible route is maintained in operable working condition.	1	-	\$0
3	Near Alberto's Restaurant	Ext.		Exterior Access Route	Exterior		Does not prevent accumulation of water Route not maintained in operable working condition	- -	Repair surface. Ensure the accessible route is maintained in operable working condition.	1	-	\$0
4	Exit Opposite Hyannis Travel Inn From North Street at Parking Lot #1	Ext.		Exterior Access Route	Exterior		Does not prevent accumulation of water Route not maintained in operable working condition	- -	Repair surface to ensure the accessible route is maintained in operable working condition.	1	-	\$0
<b>Off-Street Parking Lot or Garage</b>												
5	Accessible Parking Near Barnstable Road	Ext.		Off-Street Parking Lot or Garage	Visitor		Running or cross slope at access aisle > 1:50 (2.00%) Sign does not have the designation "Van Accessible"	3.5% -	Reduce running or cross slope to be no steeper than 1:50 (2.00%) in all directions. Add the designation "Van Accessible" to the sign located at the van accessible space.	1	-	\$0

Town of Barnstable

North Street Parking Lot - Lot #1 Intersection of North Street and Barnstable Road

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
6	Accessible Parking Near Alberto's	Ext.		Off-Street Parking Lot or Garage	Visitor		Sign bottom < 60" above finished grade Parking lot not maintained in operable working condition	55" -	Locate sign with the bottom of the sign 60" above the ground. Ensure the parking lot is maintained in operable working condition.	1	Labor	\$0
7	Accessible Parking Near Alberto's	Ext.		Off-Street Parking Lot or Garage	Visitor		Sign bottom < 60" above finished grade Parking lot not maintained in operable working condition	55" -	Locate sign with the bottom of the sign 60" above the ground. Ensure the parking lot is maintained in operable working condition.	1	Labor	\$0
8	Accessible Parking Near Barnstable Road	Ext.		Off-Street Parking Lot or Garage	Visitor		Parking lot not maintained in operable working condition	-	Restripe to ensure the parking lot is maintained in operable working condition.	1	-	\$0
9	Accessible Parking Near Barnstable Road	Ext.		Off-Street Parking Lot or Garage	Visitor		Parking lot not maintained in operable working condition	-	Restripe to ensure the parking lot is maintained in operable working condition.	1	-	\$0
10	Old Accessible Parking in Front of Alberto's (Approved for Tent)	Ext.		Off-Street Parking Lot or Garage	Visitor		Parking lot not maintained in operable working condition	-	Ensure the parking lot is maintained in operable working condition.	1	-	\$0

Town of Barnstable

North Street Parking Lot - Lot #1 Intersection of North Street and Barnstable Road

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
11	Near Exit Opposite Hyannis Travel Inn From North Street at Parking Lot #1	Ext.		Off-Street Parking Lot or Garage	Visitor		Parking lot not maintained in operable working condition	-	Ensure the parking lot is maintained in operable working condition.	1	-	\$0
<b>Best Practice</b>												
<b>Detectable Warning</b>												
12	Exit Opposite Hyannis Travel Inn From North Street at Parking Lot #1	Ext.		Detectable Warning	N/A				Recommend providing detectable warnings at all the pedestrian routes located near the vehicular entry/exit points.	1	-	\$0

**Town of Barnstable  
North Street Parking Lot - Lot #2**

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
<b>Approach and Entrance</b>												
<b>Off-Street Parking Lot or Garage</b>												
1	North Street to Parking Lot #2 Near Lot #1	Ext.		Off-Street Parking Lot or Garage	Visitor		Total # of parking Total # of designated van accessible spaces	19 0	Provide a van accessible space that is at least 132" wide with a marked access aisle that is at least 96" wide. Provide a sign with the bottom of the sign 60" min. above the ground and the top 96" max. above the ground. Add the designation "Van Accessible" to the sign.	1	1850	\$1850
2	North Street at Parking Lot #2	Ext.		Off-Street Parking Lot or Garage	Visitor		Parking lot not maintained in operable working condition	-	Ensure the parking lot is maintained in operable working condition.	1	-	\$0
<b>Best Practice</b>												
<b>Detectable Warning</b>												
3	Entry Near Lot #1 North Street to Parking	Ext.		Detectable Warning	N/A			-	Recommend providing detectable warnings at all the pedestrian routes located near the vehicular entry/exit points.	1	-	\$0

**Town of Barnstable  
North Street Parking Lot East - Lot #3**

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
<b>Approach and Entrance</b>												
<b>Exterior Access Route</b>												
1	Parking Lot #3	Ext.		Exterior Access Route	Walkway		Route not maintained in operable working condition	-	Ensure the accessible route is maintained in operable working condition.	1	-	\$0
<b>Off-Street Parking Lot or Garage</b>												
2	Near Entrance From North Street at Parking Lot #3	Ext.		Off-Street Parking Lot or Garage	Visitor		Total # of parking Total # of designated accessible parking spaces Total # of designated van accessible spaces	81 0 0	Provide 3 car accessible parking spaces. Provide 1 van accessible parking space space. Provide signs with the International Symbol of Accessibility (ISA) with the bottom of the sign 60" min. above the ground and the top 96" max. above the ground. Add the designation "Van Accessible" to the sign located at the van accessible space. Ensure that each space has a marked access aisle.	4	1850	\$7400
3	Parking Lot - #3	Ext.		Off-Street Parking Lot or Garage	Visitor		Parking lot not maintained in operable working condition	-	Ensure the parking lot is maintained in operable working condition.	1	-	\$0
4	Parking Lot - #3	Ext.		Off-Street Parking Lot or Garage	Visitor		Parking lot not maintained in operable working condition	-	Ensure the parking lot is maintained in operable working condition.	1		\$0
<b>Best Practice</b>												

**Town of Barnstable**  
**North Street Parking Lot East - Lot #3**

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
<b>Detectable Warning</b>												
5	Near Exit From North Street at Parking Lot #3	Ext.		Detectable Warning	N/A				Recommend providing detectable warnings at all the pedestrian routes located near the vehicular entry/exit points.	1	-	\$0