

Water Supply Division



Town of Barnstable ADA Transition Plan

September 2021



Institute for Human Centered Design

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Background

The Water Supply Division is located at 47 Old Yarmouth Road in Hyannis. The building is open to the public Monday to Friday from 8:00 AM to 5:00 PM and Saturday in the morning for the payment of water bills. There are seven (7) parking spaces and an electric car charger.

Key Accessibility Issues

- Lack of a van accessible parking space.
- Lack of maneuvering clearance at the main entrance/exit door.
- Lack of a compliant service counter.
- Lack of an egress sign with raised characters and braille.
- Lack of an illuminated exit sign with the International Symbol of Accessibility (ISA).

Order of Magnitude Cost Estimates

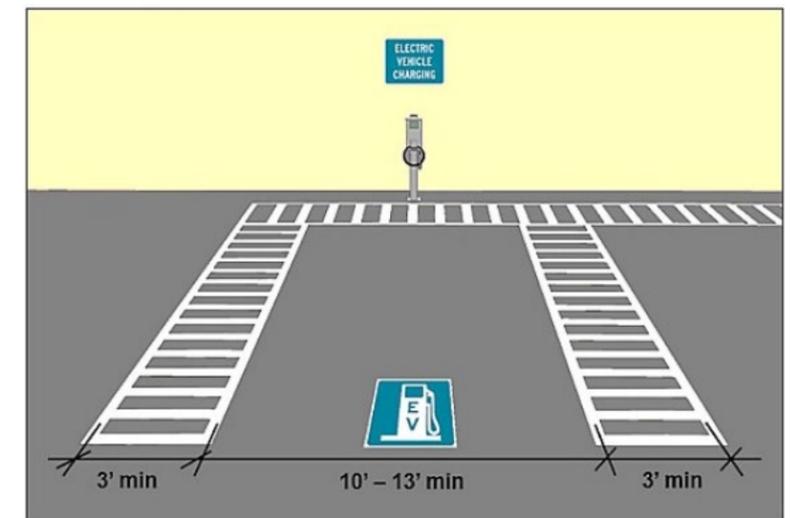
- Provide a van accessible parking space: \$1,850
- Miscellaneous corrective actions (service counter, signage, etc.): \$1,868

Total: \$3,718

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 the same information located on the main entrance/exit door at a different location to avoid glare.
- Recommend providing an accessible route on both sides of the vehicle spaces that connect to the charging station.
- Recommend providing a 30" min. by 48" min. clear floor space at the charging station.



**Town of Barnstable
Water Supply Division**

| ID | Location | Floor | Room | Element | Type | Photo | Issues | Current Measure | Recommendations | Quantity | Price | Cost Estimation |
|---|--------------------|-------|------|----------------------------------|---------------|--|---|-----------------|---|----------|-------|-----------------|
| Approach and Entrance | | | | | | | | | | | | |
| Exterior Access Route | | | | | | | | | | | | |
| 1 | Main Entrance/Exit | Ext. | | Exterior Access Route | Walkway |  | Level changes > 1/4" | 1.25" | Alter change in level to be 1/4" high max. | 1 | 256 | \$256 |
| 2 | Main Entrance/Exit | Ext. | | Exterior Access Route | Walkway |  | Level changes > 1/4" | 1.25" | See ID #1. | 1 | - | \$0 |
| Off-Street Parking Lot or Garage | | | | | | | | | | | | |
| 3 | Parking Lot | Ext. | | Off-Street Parking Lot or Garage | Visitor |  | Total # of parking Total # of designated accessible parking spaces | 7 0 | Provide a van accessible space that is at least 96" 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 |
| Entrance | | | | | | | | | | | | |
| 4 | Main Entrance/Exit | Ext. | | Entrance | Main Entrance |  | Maneuvering clearance is not provided | - | Remove vegetation to ensure the required maneuvering clearance is provided at the door. | 1 | Labor | \$0 |
| Access to Goods and Services | | | | | | | | | | | | |

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|-------------------------------------|--------------------|-------|------|--------------------------|---------------|--|--|-----------------|--|----------|-------|-----------------|
| Means of Egress | | | | | | | | | | | | |
| 5 | Lobby | 1 | | Means of Egress | N/A |  | Tactile exit sign not provided Illuminated ISA symbol not provided (MAAB) | - - | 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. Provide an illuminated sign with the International Symbol of Accessibility. | 1 | 432 | \$432 |
| Interior Access Route | | | | | | | | | | | | |
| 6 | Reception Area | 1 | | Interior Access Route | |  | Route < 36" wide | 31" | Remove chairs to maintain the required 36" accessible route. | 1 | Labor | \$0 |
| Doors, Doorways, & Gates | | | | | | | | | | | | |
| 7 | Main Entrance/Exit | Ext. | | Doors, Doorways, & Gates | Office |  | Threshold not beveled Threshold > 1/2" high | - 2.75" | Bevel the threshold. Alter the threshold to be 1/2" high max. | 1 | 300 | \$300 |
| Signage | | | | | | | | | | | | |
| 8 | Main Entrance/Exit | Ext. | | Signage | Informational |  | Sign not maintained in operable working condition | - | Ensure sign is maintained in operable working condition. | 1 | Labor | \$0 |

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|------------------------|---------------------------------|-------|------|-----------------|-------|--|------------------------------------|-----------------|--|----------|-------|-----------------|
| Service Counter | | | | | | | | | | | | |
| 9 | Reception Area | 1 | | Service Counter | N/A |  | Counter > 36" high | 42" | Provide a counter that is 36" max. above the ground or finished floor. | 1 | 880 | \$880 |
| Operable Parts | | | | | | | | | | | | |
| 10 | Charging Station by Parking Lot | Ext. | | Operable Parts | Other |  | Element not on an accessible route | - | Ensure charging station is located on an accessible route. Recommend providing a 30" min. by 48" min. clear floor space at the charging station. See sketch. | 1 | Labor | \$0 |
| Best Practice | | | | | | | | | | | | |
| 11 | Parking Lot | Ext. | | | |  | | | Recommend providing an accessible route on both sides of the vehicle spaces that connect to the charging stations. See sketch. | 1 | - | \$0 |
| 12 | Main Entrance/Exit | Ext. | | | 182 |  | | | Recommend providing the same information on a different location to avoid glare. | 1 | - | \$0 |