

U.S. Custom House Old Jail



Town of Barnstable ADA Transition Plan

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Institute for Human Centered Design

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Background

Year Built: 1690

U.S. Custom House Old Jail is located at 3353 Main Street. It is the oldest wooden jail in America having been built in circa 1690, and it was added to the National Register of Historic Places in 1971.

The Jail is a two-story building with two (2) entrances; the accessible entrance is accessed by a ramp that is located on the southeast side of the building. There is no access to the second floor of the building. The jail is used for ghost tours several times a year. An open field is available for parking, but there are no designated accessible parking spaces.

Key Accessibility Issues

- The ramp leading to the accessible entrance lacks compliant handrails, landing, and edge protection.
- The inaccessible entrance lacks a directional sign to the accessible entrance.
- A route to the accessible entrance is not provided. In addition, the surface is not stable firm and slip resistant.
- An accessible parking space is not provided.
- The running slope at the interior route between the entrance and the holding cells is higher than the maximum allowed.

***Note:** The Town has an obligation to achieve program accessibility under the ADA regulations. There are exceptions for alterations to qualified historic buildings and facilities under the ADA Standards. Those exceptions include accessible routes, entrances and toilet facilities. If alterations to a qualified historic building or facility to achieve program accessibility would threaten or destroy the historic significance of the building or facility, fundamentally alter the program, or result in undue financial or administrative burdens, the ADA regulations allow alternative methods to be used to achieve program accessibility. Alternative

methods include using audio-visual materials to depict portions of the facility that cannot otherwise be made accessible. IHCD scope of work did not include the full review of the exhibitions, there are accessibility issues at the museum that have been documented. The content of the entire exhibition has to be made accessible for people who are blind or have low vision by ways of auxiliary aids or services. A full review of exhibits is desirable. As a reference for accessible exhibitions, please check the Smithsonian Guidelines for Accessible Exhibition Design:

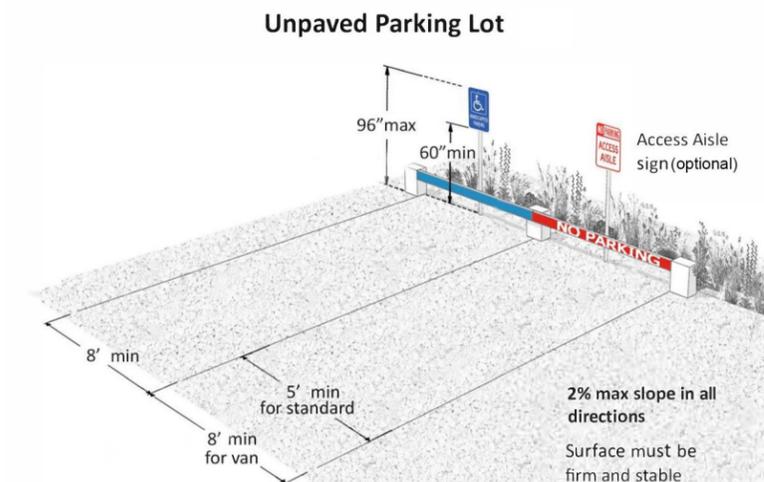
www.sifacilities.si.edu/sites/default/files/Files/Accessibility/accessible-exhibition-design1.pdf

Order of Magnitude Cost Estimates

- Renovate ramp: \$3,520
- Renovate parking lot (stone dust surface): \$3,456
- Miscellaneous corrective actions (signage): \$346

Total: \$7,322*

***Note:** Costs for correcting elements that might be part of the historic significance of the building and of the unpaved accessible parking space are not included.



Note: This image shows one solution for designating an accessible parking space in unpaved parking lots.

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
1	Parking Lot	Ext.		Off-Street Parking Lot or Garage	Visitor		Total # of parking Total # of designated accessible parking spaces	10 0	Provide a van accessible parking space near the ramp that is 96" wide min. with a marked access aisle 96" wide min. Include an accessible parking identification sign. Add the designation "Van Accessible" to the sign. (Cost for a stone dust accessible parking space and path to ramp. See illustration in narrative report. Some additional material costs may be required.)	1	1850	\$1850
2	Main Entrance to the Jail	Ext.		Entrance	Main Entrance		Entrance not on an accessible route Directional sign to accessible entrance not provided	- -	Provide a directional sign indicating the location of the nearest accessible entrance.	1	346	\$346
3	Cells Area	1		Interior Access Route	N/A		Running slope > 1:20 (5%)	12.3%	Staff should be available to assist wheelchair users up and down the ramp for safety purposes.	1	-	\$0
4	Accessible Entrance/Egress	Ext.		Exterior Ramp	N/A		Handrails have non-compliant cross section Landing has a slope > 1:50 in either direction Edge protection < 4" high	- 9.2% -	Provide handrails with 1-1/4" to 1-1/2" circular cross sections. Alter so that the slope in all directions is no greater than 1:50 (2.00%). Provide edge protection that prevents the passage of a 4" diameter sphere, where any portion of the sphere is within 4" of the finished floor or ground surface. (Cost based on 4 sets of 20 foot long handrails and edge protection on wide side.)	1	3520	\$3520
5	Accessible Entrance/Egress	Ext.		Exterior Access Route	Exterior		Accessible route not provided	-	Ensure an accessible route is provided to the ramp. (Cost provided in ID #1.)	1	-	\$0