

Police and Fire Station



Town of Fairhaven ADA Transition Plan

November 2024



Institute for Human Centered Design

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Background

Year Built: 1964

The Police and Fire Station are located in one building with a separate address for each station. The address of the Fairhaven Police Department is 1 Bryant Lane. The address of the Fairhaven Fire Station is 146 Washington Street. Only the first floor of each station is open to the public.

There is parking on both the east and west sides of the building.

The accessible entrance to the police station is provided by the west side of the building. There are two (2) accessible entrances into the fire station; one on the south side going into the lobby, and one on the east side leading into the meeting room.

Areas surveyed in the police station include the lobby, single-user toilet rooms, interview room, captain's office, fingerprinting station, holding/intake area, detainee toilet room, and the classroom/meeting room.

Areas surveyed in the fire station include the lobby, single-user toilet room, and lobby.

Key Accessibility Issues

Exterior Access Routes

Accessibility issues include lack of clear width and excessive running and cross slopes.

Parking Lots

Accessibility issues at the police department parking lot include lack of a compliant access aisle, lack of a van accessible sign and lack of a sign with the International Symbol of Accessibility (ISA).

Exterior Ramps

Accessibility issues include lack of edge protection, lack of compliant extensions, lack of a compliant level landing at the base of the ramp, and lack of handrails along all sloped portions of the ramp.

Doors and Doorways

Accessibility issues include doors that lack maneuvering clearance and doors that require excessive door opening force.

Signage

Accessibility issues include lack of interior designation signs with raised characters and braille, signs not located on the latch side of the door, and lack of a tactile sign (with braille and raised characters) at the emergency egresses.

Note: When the illuminated exit sign at the accessible egress door is replaced, provide an illuminated International Symbol of Accessibility (ISA) on the sign.

Assembly Area

Accessibility issues include lack of an assistive listening system in the classroom and meeting room.

Note: In each assembly area where audible communication is integral to the use of the space, an assistive listening system must be provided, and the assistive listening system shall be identified by a sign with the International Symbol of Access for Hearing Loss. The ADA 2010 Standards Section 219 outlines the type of receivers that are required based on the capacity of each assembly area.

Toilet Rooms

Accessibility issues include lack of an accessible toilet room for detainees at the police station, a lavatory lacking knee and toe clearance at the fire station and a side grab bar mounted improperly at the police station.

Additional Accessibility Issues

- Lack of an accessible counter at the police station lobby.
- Protruding objects are present.
- Items such as brochures are located higher than allowed.
- Lack of an accessible route from the sallyport.
- One (1) work surface lacks knee and toe clearance.

Order of Magnitude Cost Estimates

- Renovate accessible parking spaces: \$1000

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- Renovate doors (including providing one automatic door opener): \$6,750
- Renovate signage: \$1,000
- Renovate toilet rooms: \$34,677
- Provide assistive listening systems: \$3,152
- Miscellaneous costs (service counter, reach range, work surface, etc.): \$2,908

Total: \$49,487*






***Note:** IHCD is not providing costs for accessibility renovations for outdoor areas, ramps or stair handrails. Unit costs are provided for one instance of repetitive items.

Best Practice and Inclusive Design




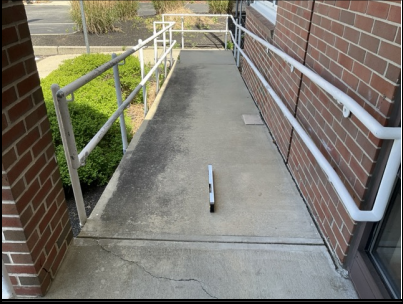

Best practice and inclusive design recommendations include elements that are not required in the standards but may create enhanced experiences for all users.

- Recommend providing visual contrast on exterior stair treads.






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
1	Washington Street	Ext.		Exterior Access Route	Sidewalk		Exterior route < 48" wide	38"	Ensure that a clear width of 48" min. is maintained at the accessible route.	1	-	-
2	Fire Department Ramp			Exterior Access Route	Exterior		Cross slope > 1:50 (2.00%)	6.8%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	-
3	Washington Street	Ext.		Exterior Access Route	Sidewalk		Cross slope > 1:50 (2.00%)	11.2%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	-
4	West Side Police Department Parking	Ext.		Exterior Access Route	Exterior		Cross slope > 1:50 (2.00%) Running slope > 1:20 (5.00%)	7.4% 6.6%	Reduce cross slope to be no steeper than 1:50 (2.00%). Reduce running slope to be no steeper than 1:20 (5.00%).	1	-	-
5	Path to Fire Department	Ext.		Exterior Access Route	Exterior		Running slope > 1:20 (5.00%)	7.4%	Reduce running slope to be no steeper than 1:20 (5.00%).	1	-	-






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6	To Memorial	Ext.		Exterior Access Route	Exterior		Running slope > 1:20 (5.00%)	19.9%	Reduce running slope to be no steeper than 1:20 (5.00%).	1	-	-
7	Fire Department Accessible Entrance	Ext.		Exterior Access Route	Exterior		Level changes > 1/4"	0.75"	Alter change in level to be 1/4" high max.	1	-	-
Off-Street Parking Lot or Garage												
8	West Side Police Department Parking	Ext.		Off-Street Parking Lot or Garage	N/A		Access aisle not compliant Sign with the International Symbol of Acc. not provided Sign does not have the designation "Van Accessible"	4.6% - -	Level out the access aisle so that slopes do not exceed 2% in all directions. Provide a sign 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. (Cost estimate is for two signs.)	1	- 500 500 1000	\$1000
Exterior Ramp												
9	Police Department Main Entrance	Ext.		Exterior Ramp	N/A		Running slope > 1:12 (8.33%) Edge protection < 4" high	8.6% -	Reduce running slope to be no steeper than 1:12 (8.33%). 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.	1	-	-
10	Fire Department Accessible Entrance	Ext.		Exterior Ramp	N/A		Edge protection < 4" high Handrails do not return properly	- -	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. Ensure that handrail extensions return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run.	1	-	-

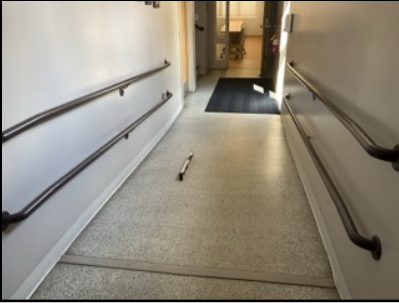




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11	Police Department Main Entrance	Ext.		Exterior Ramp	N/A		Landing has a slope > 1:50 in either direction Handrails are not provided	8.9% -	A landing must be provided at the base of the ramp. Rebuild the ramp to ensure that the slope of the landing does not exceed 1:50 (2.00%). Provide handrails with 1-1/4" to 1-1/2" circular cross sections along all portions of the ramp.	1	-	-
Access to Goods and Services												
Means of Egress												
12	Police Department Main Entrance	1		Means of Egress	N/A		Tactile exit sign not provided Illuminated ISA symbol not provided (MAAB)	-	Ensure that a tactile exit sign with raised characters and braille is provided at the exit door. Mount the sign between 48" - 60" above the finished floor located on the latch side of the door. When the illuminated exit sign is repaired or replaced, provide an illuminated sign with the International Symbol of Accessibility (ISA). Recommendation applies to all accessible exit doors in the police and fire station.	1	250	\$250
Interior Access Route												
13	Main Police Entrance	1		Interior Access Route	N/A		Obstructed by protruding objects	6.5"	Provide a cane-detectable barrier underneath the open end of the service counter.	1	398	\$398
14	Fire Department Service Counter	1		Interior Access Route	N/A		Obstructed by protruding objects	9.5"	Provide a cane-detectable barrier underneath each side of the service counter. Recommendation applies to both service counters within the fire department.	2	398	\$796
15	Police Station Fingerprinting Station	1		Interior Access Route	N/A		Surface not stable, firm, and slip-resistant	-	Secure mat to floor. Recommendation applies to all mats.	1	Labor	Labor



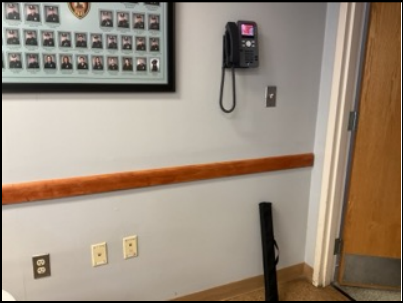


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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Doors, Doorways, & Gates												
16	Police Station Route to Holding Cell			Doors, Doorways, & Gates	Circulation				Ensure the accessible route to the holding cell is used when needed.	1	Labor	Labor
17	Police Station Single-User Toilet Room in Meeting Room	1		Doors, Doorways, & Gates	N/A		Maneuvering clearance(s) not provided	-	Provide an automatic door opener.	1	6000	\$6000
											6000	
18	Fire Department Meeting Room	1		Doors, Doorways, & Gates	Meeting Room		Hardware not compliant		Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist.	1	750	\$750
											750	
19	Main Police Entrance	1		Doors, Doorways, & Gates	N/A		Door requires > 5 lbs. of force to open	9 lbs.	Adjust closers so doors do not require more than 5 pounds of force to open. Recommendation applies to all interior doors with excessive door opening force at the police and fire station. Ensure that door opening pressure is monitored and kept in compliance at all doors by maintenance staff every 6 months.	1	Labor	Labor
20	Police Station Classroom/ Meeting Room Entrance/ Egress	1		Doors, Doorways, & Gates	N/A		Exterior door requires > 15 lbs. of force to open	16 lbs	Adjust closers so doors do not require more than 15 pounds of force to open.	1	Labor	Labor





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Ramps												
21	Police Station Path to Accessible Route to Holding Cell	1		Ramps	Interior		Running slope >1:12 (8.33%) Handrails do not extend 12" past top & bottom	8.9% -	Further study will be needed to determine whether it is technically feasible to bring the ramp into full compliance with the ADA Standards. Alter handrails to extend horizontally from the landing for 12" min. beyond the bottom of ramp runs.	2	-	-
Signage												
22	Police Station Captain's Office	1		Signage	Designation		Tactile signage is not provided	-	Locate compliant signage with raised characters and braille alongside the door on the latch side.	1	250	\$250
											250	
23	Police Station Holding Cell Toilet Room	1		Signage	Designation		Signage is not provided	-	Locate compliant signage with raised characters and braille alongside the door on the latch side.	1	250	\$250
											250	
24	Police Station Classroom/ Meeting Room	1		Signage	Designation		Signage is not provided	-	Locate compliant signage with raised characters and braille alongside the door on the latch side.	1	250	\$250
											250	
25	Fire Department Single-User Toilet Room	1		Signage	Designation		Location of tactile sign not compliant	-	Locate sign alongside the door on the latch side.	1	Labor	Labor



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Service Counter												
26	Main Police Entrance	1		Service Counter	N/A		Counter > 36" high	44"	Provide a counter that is 36" max. above the ground or finished floor.	1	1144	\$1144
Operable Parts / Reach Range												
27	Main Police Entrance	1		Operable Parts / Reach Range	Pamphlets		Reach < 15" or > 48"(forward/side approach)	62"	Relocate brochures to be between 15"- 48" above the finished floor.	1	Labor	Labor
28	Police Station Classroom/ Meeting Room	1		Operable Parts / Reach Range	Emergency Telephone		Reach < 15" or > 48"(forward/side approach)	61"	Relocate emergency phone so that controls are between 15"- 48" above the finished floor.	1	500	\$500
29	Police Station Classroom/ Meeting Room	1		Operable Parts / Reach Range	N/A		Reach < 15" or > 48"(forward/side approach)	54.5"	Relocate payment screen to be between 15"- 48" above the finished floor.	1	Labor	Labor
Dining or Work Surfaces												
30	Police Station Interview Room	1		Dining or Work Surfaces	Work Surface		Knee or toe clearance not provided	25.25"	Provide at least one work surface with 27" min. high knee and toe clearance.	1	1100	\$1100

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Assembly Area												
31	Police Station Classroom/ Meeting Room	1		Assembly Area	N/A		Assistive listening devices not provided	-	If audible communication is integral to the use of the space, provide an assistive listening system. Cost estimation is for an assistive listening system for a seating capacity of 50 people.	1	1578	\$1578
											1578	
32	Fire Department Meeting Room	1		Assembly Area	N/A		Assistive listening devices not provided	-	If audible communication is integral to the use of the space, provide an assistive listening system. Cost estimation is for an assistive listening system for a seating capacity of 50 people.	1	1578	\$1578
											1578	
Toilet & Bathing Rooms												
Overall Access												
33	Police Station Holding Cell Toilet Room	1		Overall Access	N/A		Turning space not provided Accessible plumbing fixtures or stalls not provided	- -	Provide an accessible single-user toilet room for detainees.	1	31985	\$31985
											31985	
Lavatory												
34	Fire Department Single-User Toilet Room	1		Lavatory	N/A		Toe or knee clearances not provided	25"	Provide at least one lavatory with knee and toe clearance positioned for a forward approach.	1	2192	\$2192
											2192	

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Single-User Toilet												
35	Police Station Single-User Toilet Room in Meeting Room	1		Single-User Toilet	N/A		Side grab bar < 54" from back wall	49.5"	Provide a side wall grab bar that is 42" long min. located 12" max. from the rear wall.	1	500	\$500
											500	
Best Practice												
36	Police Department Main Entrance	Ext.							Recommend providing visual contrast on the stair treads.	1	-	-