

# Fire Station Montpelier, VT



## City of Montpelier ADA Transition Plan

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Institute for Human Centered Design

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## Fire Station, Montpelier, VT

### Background

Montpelier Fire Station is located at 61 Main Street, just north of Montpelier City Hall, and in front of the Police Station. Public access inside the Fire Station is limited to the entry area on the first floor, and occasionally to either a small exercise room or kitchen area on the second floor where CPR and similar classes are held.

The Fire Station has three (3) stories including a basement that are connected by a central staircase. The basement is not open to the public.

*Note: There is not an accessible vertical route at the Fire Station. IHCD recommends relocating the classes held on the second floor as needed.*

No public parking spaces are specifically associated with the Fire Station, though parking is available at a municipal lot located between the Fire Station, Police Station and City Hall.

The accessible entrance is located on the east side of the building; the west side of the Fire Station has three fire engine garage doors facing Main Street.

The accessible single-user toilet room is located on the first floor of the Fire Station, additional men's and women's multi-user toilet rooms are located on the second floor.

*Note: The showers located in the second floor multi-user toilet rooms are not open to the public.*

### Key Accessibility Issues

#### Approach and Entrance

##### Exterior Ramp

There are surface openings in excess of 1/2" on the exterior ramp leading to the accessible entrance.

#### Interior of Fire Station

##### Interior Access Routes

There is no accessible route to the second floor of the Fire Station where two rooms used for CPR and similar classes are located.

##### Toilet Rooms

The single-user toilet room on the first floor and both multi-user toilet rooms on the second floor lack insulated pipes at the lavatory. On the second floor, the multi-user women's toilet room lacks signage, the multi-user men's toilet room lacks signage with raised characters and Braille, and both second-floor toilet rooms lack signage directing users to the accessible toilet room on the first floor.

##### Interior Stairs

Handrails are not continuous on both sides.

##### Means of Egress Signage

Egress doors on the first and second floor lack signs with raised characters and Braille.

City Hall

#### **Order of Magnitude Cost Estimates**

- Miscellaneous corrective measures (repair exterior ramp surface, provide signs with raised characters and Braille at egress doors, insulate pipes at the lavatory in each toilet room, provide signage at the multi-user toilet rooms upstairs to the accessible toilet room on the first floor, provide continuous handrails on both sides of interior stairs, etc.):  
\$1,468

**Total: \$1,468**

#### **Universal Design and Best Practice Recommendations**

- Recommend providing at least one accessible parking space near the accessible entrance at the Fire Station.

**City of Montpelier  
Fire Department**

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	Main Entrance	Ext.		Exterior Access Route	Exterior		Surface openings > 1/2"	3"	Repair so that openings are 1/2" max. and the long opening dimension is perpendicular to the dominant direction of travel.	2	103	\$206
<b>Best Practice</b>												
2	Parking Lot	Ext.		Best Practice	N/A		Accessible parking not provided near the accessible entrance.		Consider providing a van accessible space with marked access aisle and sign including the International Symbol of Accessibility and words 'Van Accessible' positioned 60" min. above the ground located on the closest accessible route from the parking area to the accessible entrance at the Fire Station.	1		\$0
<b>Access to Goods and Services</b>												
<b>Means of Egress</b>												
3	By Reception	1		Means of Egress			Tactile exit sign not provided	-	Ensure tactile exit signs with raised characters and braille are provided at exit doors. Mount signs between 48"- 60" above finish floor located on the latch side of the door.	1	116	\$116
4	Stairs	2		Means of Egress			Tactile exit sign not provided	-	Ensure tactile exit signs with raised characters and braille are provided at exit doors leading to enclosed stairways. Mount signs between 48"- 60" above finish floor located on the latch side of the door.	1	116	\$116

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
<b>Interior Access Route</b>												
5	Gym/CPR Classes	2		Interior Access Route	N/A		Level changes > 1/4"	1"	Relocate class to alternate location in kitchen where entrance is accessible or from the second floor to an alternate accessible location as needed.	1	0	\$0
<b>Stairways</b>												
6		2		Stairways	Interior		Handrail not provided on both sides Handrails not continuous where required	- -	Provide handrail on one side. Provide continuous handrails.	1	660	\$660
<b>Signage</b>												
7	Women's Toilet Room	2		Signage	Designation		Not provided Raised characters not provided Braille not provided Sign not located on the latch side of the door Directional sign to access. toilet not provided	- - - - -	Locate signage alongside the door on the latch side. Provide text with raised characters duplicated in braille. Provide a sign indicating the location of the nearest accessible toilet room.	1	116	\$116
8	Men's Toilet Room	2		Signage	Designation		Raised characters not provided Braille not provided Sign not located on the latch side of the door Directional sign to access. toilet not provided	- - - -	Provide text with raised characters duplicated in braille. Locate sign at permanent rooms alongside the door on the latch side. Provide a sign indicating the location of the nearest accessible toilet room.	1	116	\$116
<b>Toilet &amp; Bathing Rooms</b>												

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Lavatory												
9	Reception Toilet Room	1		Lavatory			Plumbing underneath is exposed	-	Insulate or otherwise configure pipes to prevent contact, for at least one lavatory in all three toilet rooms (first and second floor).	3	46	\$138