

Fire Department Station 3



Town of Sudbury ADA Transition Plan

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Institute for Human Centered Design

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Background

Year Built: 1960

Fire Department Station 3, located at 268 North Road, is a one-story brick building. The public is allowed to enter the facility using the main entrance door in order to ask the firefighters questions, but is not allowed to go further than this entrance vestibule.

There is only enough space in front of the building to fit two parked cars at most for members of the public. Rear parking is for employees only.

Key Accessibility Issues

Entrances

The main entrance door has a threshold that is greater than allowed and has door hardware that requires tight grasping, pinching, or twisting of the wrist.

Exit Signage

The main entrance is lacking signage with raised characters and braille on the latch side of the exit door. In addition, after the route is made compliant, signage with an illuminated International Symbol of Accessibility (ISA) should be added over the door.

Exit Door

The exit door that the public uses is lacking maneuvering clearance, and an automatic door opener is required. In addition, the mat by the door is not secured.

Additional Accessibility Issues



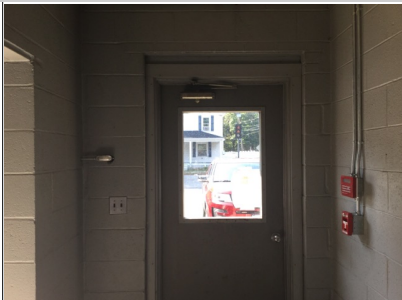

- There is a change in level greater than allowed on the exterior route to the main entrance.

Order of Magnitude Cost Estimates

- Renovate entrance threshold and provide compliant door hardware: \$1,204
- Install an automatic door opener at the main entrance: \$3,060
- Provide compliant egress signage: \$1,116
- Miscellaneous corrective actions (securing mat, change in level, etc.): \$0

Total: \$5,380

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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	Main Entrance Walkway	Ext.		Exterior Access Route	Exterior		Level changes > 1/4"	1"	Alter change in level to be 1/4" high max. (See ID #2 for cost.)	1	-	\$0
Entrance												
2	Main Entrance	Ext.		Entrance	Main Entrance		Threshold > 1/2" high Hardware not operable with a closed fist	3" -	Alter threshold to be 1/2" high max. Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. (Cost estimate is for compliant hardware and providing a level (2% slope max.) concrete 60" wide by 60" deep area at the door and a sloped walkway (max. slope of 8.33%) to the landing.)	1	1204	\$1204
Emergency Exit												
3	Main Entrance	1		Emergency Exit	N/A		Tactile sign not provided at exit Illuminated Int. Symbol of Acc. not provided (MAAB)	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs 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	1116	\$1116
4	Main Entrance	1		Emergency Exit	N/A		Maneuvering clearance(s) not provided Mat not securely attached	7" -	Provide an automatic door opener. Secure the mat.	1	3060 Labor	\$3060