

# Timony Grammar School



## City of Methuen ADA Transition Plan

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Institute for Human Centered Design

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## Background

Year Built: 1973

Year Renovated: 1999

Timony Grammar School is located at 45 Pleasant View Street. Voting is held in the gymnasium. There is an exterior playground, and two (2) basketball half-courts located south of the building. There is also one exterior playground located in a courtyard within the school.

Exterior locations surveyed included parking, walkways and routes to play and sport areas, and all playgrounds. Interior locations surveyed include the toilet rooms by the gymnasium, and the entrance to the gymnasium where voting is held.

## Key Accessibility Issues

### Exterior Routes

Accessibility issues include the lack of an accessible route to one (1) bike rack, and routes not maintained in operable working condition.

### Curb Ramps

Accessibility issues include one (1) curb ramp with a running slope steeper than allowed curb ramp landings with running slopes steeper than allowed, and one (1) curb ramp that lacks a flush transition.

### Parking

Accessibility issues include one (1) access aisle with a cross-slope steeper than allowed, lack of one (1) sign with the designation "Van Accessible" at the van accessible parking space, and parking designation signage with the International Symbol of Accessibility (ISA) located both lower and higher than allowed, depending on the specific sign in question.

### Doors

Accessibility issues include doors with thresholds higher than allowed, one (1) door that requires more opening force than allowed, and one (1) door with a mat that is not secured.

## Signage

Accessibility issues include designation signs with a non-compliant character style, and designation signs improperly located.

## Toilet Rooms

Accessibility issues at the men's and women's single-user toilet rooms by the gymnasium include side grab bars located closer to the rear wall than allowed, one (1) dispenser that is mounted over a grab bar, one (1) dispenser that has a noncompliant operable part and that also acts as a protruding object, and a tampon dispenser that has a noncompliant operable part. The men's and women's multi-user toilet rooms also lack directional signage to the nearest accessible toilet rooms.

## Play Areas

Accessibility issues include one (1) accessible route to a playground that does not prevent the accumulation of water, lack of an accessible route around certain playgrounds, lack of an accessible route to play components, one (1) playground surface not maintained in operable working condition, and a transfer system that is not maintained in operable working condition.

## Additional Accessibility Issues

- Lack of one (1) designation sign with the International Symbol of Accessibility (ISA) at a passenger loading zone.
- Lack of one (1) tactile exit sign.
- An object (defibrillator) that acts as a protruding object.
- Lack of one (1) accessible picnic table.
- Lack of one (1) standing height drinking fountain.

## Order of Magnitude Cost Estimates

- Renovate doors: \$2,000
- Renovate signage (designation, parking, directional and egress): \$2,750
- Provide one (1) accessible picnic table: \$1,400
- Renovate toilet rooms: \$3,200
- Renovate drinking fountains: \$4,028
- Miscellaneous corrective actions (protruding object): \$398

**Total: \$13,776\***

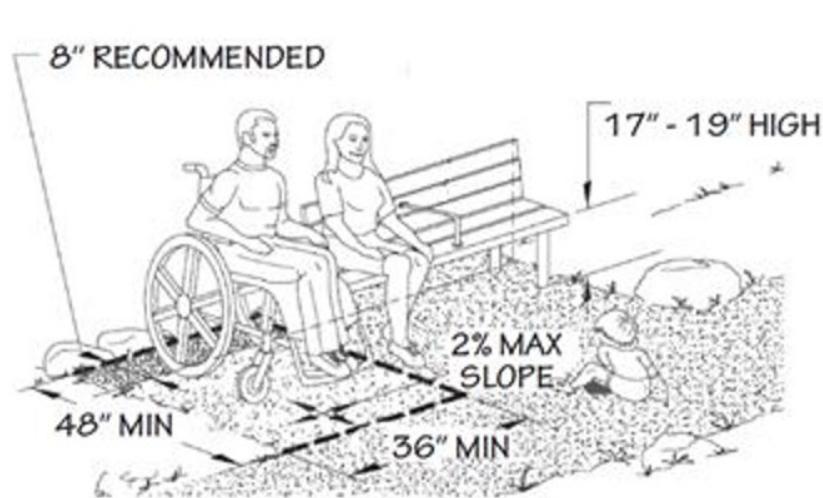
**\*Note:** IHCD is not providing costs for accessibility renovations for outdoor areas or curb ramps.

### Best Practice and Inclusive Design

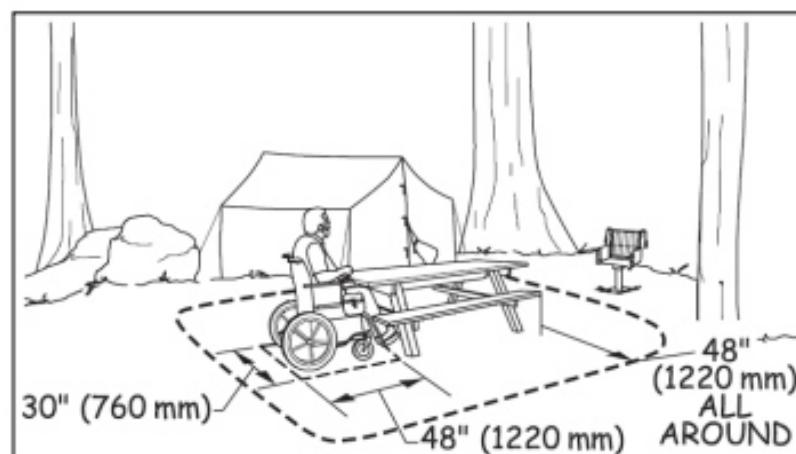
Best practice and inclusive design recommendations include elements that are not required in the standards but may create enhanced experiences for all users.

- If a detectable warning platform is provided on only one side of a crosswalk, recommend providing a detectable warning platform on both sides of the crosswalk. Since detectable warnings are provided at some crosswalks on the school grounds, recommend being consistent and providing detachable warning at both ends of all crosswalks on the school grounds.
- Recommend providing a 36" min. by 48" min. stable, firm and slip-resistant surface adjacent to at least one area within these social steps, positioned to allow a person in a wheeled mobility device and a person sitting on the bench to have their shoulders aligned.

The following illustration demonstrates how to incorporate a 36" min. by 48" min. stable, firm and slip-resistant surface adjacent to at least one bench in each area where benches are provided positioned to allow a person in a wheeled mobility device and a person sitting on the bench to have their shoulders aligned.



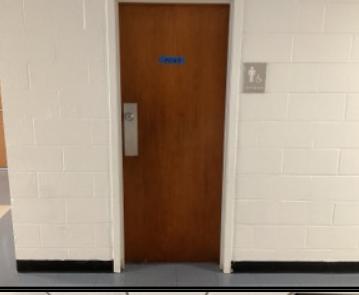
The following illustration demonstrates how to provide a stable, firm and slip-resistant surface that is 48" clear on all sides of an accessible picnic table.



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	Route From Parking to Main Entrance and Egress by Gymnasium	Ext.		Exterior Access Route	Walkway		Route not maintained in operable working condition	-	Repair cracks in the cement where grass is growing to ensure the accessible route is maintained in operable working condition.	1	-	-
2	By Southwest Playground	Ext.		Exterior Access Route	Walkway		Accessible route not provided	-	Ensure an accessible route is provided to the bike rack or relocate bike rack to an accessible route.	1	-	-
<b>Curb Ramp</b>												
3	Route From Parking to Main Entrance and Egress by Gymnasium	Ext.		Curb Ramp	Parallel		Running slope is > 1:12 (8.33%)	9.7%	Reduce running slope to be no steeper than 1:12 (8.33%).	1	-	-
4	Accessible Parking Outside of Gymnasium	Ext.		Curb Ramp	Blended Transition		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	-
5	Route to Main Entrance and Egress by Gymnasium	Ext.		Curb Ramp	Blended Transition		Running slope at landing > 1:50 (2.00%)	3.7%	Reduce the running slope at the curb ramp landing to be no steeper than 1:50 (2.00%) in all directions.	1	-	-

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
6	Route by Southwest Drop Off	Ext.		Curb Ramp	Blended Transition		Running slope at landing > 1:50 (2.00%)	3%	Reduce the running slope at the curb ramp landing to be no steeper than 1:50 (2.00%).	1	-	-
<b>Off-Street Parking Lot or Garage</b>												
7	Accessible Parking Outside of Gymnasium	Ext.		Off-Street Parking Lot or Garage	Visitor		Running or cross slope at access aisle > 1:50 (2.00%) Sign does not have the designation "Van Accessible" Sign bottom < 60" above finished grade	3% - 52"	Reduce running or cross slope to be no steeper than 1:50 (2.00%). Add the designation "Van Accessible" to the sign located at the van accessible space. Locate sign with the bottom of the sign 60" min. above the ground measured to the bottom of the sign, and 96" max. above the ground measured to the top of the sign. Cost is for signage.	1	- 500 Labor  <b>500</b>	\$500
8	Accessible Parking by Southwest Drop Off	Ext.		Off-Street Parking Lot or Garage	Visitor		Sign top > 96" above finished grade	100"	Locate signs with the bottom of the signs 60" min. above the ground measured to the bottom of the sign, and 96" max. above the ground measured to the top of the sign.	4	Labor	Labor
<b>Passenger Loading Zones</b>												
9	Southwest Drop Off	Ext.		Passenger Loading Zones	N/A		Sign with ISA not provided (MAAB)	-	Provide a sign that includes the International Symbol of Accessibility (ISA) at the head of the space. Locate the sign so that the bottom is 60" min. above the ground and the top is 96" max. above the ground.	1	500  <b>500</b>	\$500
<b>Access to Goods and Services</b>												

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
<b>Means of Egress</b>												
10	Main Entrance and Egress	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 right side of the right door. When the illuminated exit sign is repaired or replaced, provide an illuminated sign with the International Symbol of Accessibility (ISA).	1	250	\$250
<b>Interior Access Route</b>												
11	Defibrillator Across From Men's and Women's Single-User Toilet Rooms	1		Interior Access Route	N/A		Obstructed by protruding objects	6"	Provide a cane-detectable barrier underneath the defibrillator. Barriers must have leading edges no higher than 27" so that they are within cane sweep. Barriers can include fixed planters, benches, and guardrails.	1	398	\$398
<b>Doors, Doorways, &amp; Gates</b>												
12	Main Entrance and Egress	1		Doors, Doorways, & Gates	Circulation		Mat not securely attached	-	Secure the mat.	1	Labor	Labor
13	Main Entrance and Egress by Gymnasium	1		Doors, Doorways, & Gates	Circulation		Threshold > 1/2" high	1"	Alter the threshold to be 1/2" high max.	1	1000	\$1000
14	Egress From Playground in Southwest School Courtyard	Ext.		Doors, Doorways, & Gates	Circulation		Threshold > 1/2" high	1.5"	Alter the threshold to be 1/2" high max.	1	1000	\$1000

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
15	Men's Accessible Single-User Toilet Room	1		Doors, Doorways, & Gates	Toilet Room		Door requires > 5 lbs. of force to open	16 lbs	Adjust closers so doors do not require more than 5 pounds of force to open.  Applies to all doors in this condition.	1	Labor	Labor
<b>Signage</b>												
16	Men's Multi-User Toilet Rooms	1		Signage	Designation		Location of tactile sign not compliant	-	Locate sign alongside the door on the latch side.	1	Labor	Labor
17	Entrance to Gymnasium	1		Signage	Designation		Location of tactile sign not compliant	-	Where a tactile sign is provided at double door with two active leafs, locate the sign to the right of the right-hand door.	1	Labor	Labor
18	Men's and Women's Single-User Toilet Rooms	1		Signage	Designation		Character style not compliant	-	Provide a sign with compliant characters. Characters should be sans serif.	2	250	\$500
19	Men's and Women's Multi-User Toilet Rooms	1		Signage	Designation		Character style not compliant	-	Provide a sign with compliant characters. Characters should be sans serif.	2	250	\$500

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
<b>Picnic Tables</b>												
20	Playground in Southwest School Courtyard	Ext.		Picnic Tables	N/A		At least 5% accessible spaces not provided Picnic table not on an accessible route	- -	Ensure that at least 5% (minimum one) of picnic tables are accessible. Ensure that the accessible picnic table is connected to an accessible route.	1	1400	\$1400
<b>Toilet &amp; Bathing Rooms</b>												
<b>Overall Access</b>												
21	Men's and Women's Multi-User Toilet Rooms	1		Overall Access	Toilet Room		Sign to accessible toilet not provided	-	Provide a directional sign indicating the location of the nearest accessible toilet or bathing room.	2	250	\$500
<b>Single-User Toilet</b>												
22	Women's Single-User Toilet Room	1		Single-User Toilet	N/A		Side grab bar < 54" from back wall	48"	Provide a side wall grab bar that is 42" long min. located 12" max. from the rear wall.	1	750	\$750
23	Men's Single-User Toilet Room	1		Single-User Toilet	N/A		Side grab bar < 54" from back wall Item mounted over grab bar (MAAB)	48" -	Provide a side wall grab bar that is 42" long min. located 12" max. from the rear wall. Relocate paper towel dispenser so that it is not mounted over the grab bar.	1	750 500	\$1250 1250

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
<b>Dispensers</b>												
24	Women's Single-User Toilet Room	1		Dispensers	Tampon Dispenser		Noncompliant operable part	-	Provide a tampon dispenser that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist.	1	1000	\$1000
											1000	
25	Women's Single-User Toilet Room	1		Dispensers	Paper Towel Dispenser		Noncompliant operable part	-	Provide a paper towel dispenser that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist.	1	200	\$200
											200	
26	Women's Single-User Toilet Room	1		Dispensers	Paper Towel Dispenser		Dispenser acts as a protruding object	9"	When a new paper towel dispenser is provided, locate the dispenser next to the lavatory, on the wall adjacent to the lavatory.	1	Labor	Labor
<b>Additional Access</b>												
<b>Drinking Fountains</b>												
27	Drinking Fountains by Gymnasium	1		Drinking Fountains	Low		No drinking fountain provided for standing users	-	Repair the existing standing height drinking fountain or provide a new standing height drinking fountain.	1	4028	\$4028
												4028
<b>Play and Sport Areas</b>												

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
<b>Play Areas</b>												
28	Southwest Playground	Ext.		Play Areas	N/A		Accessible route does not prevent accumulation of water	-	Repair the accessible route to the playground so that it does not accumulate water.	1	-	-
29	Playground in Southwest School Courtyard	Ext.		Play Areas	N/A		Surface not maintained in operable working condition	-	Repair areas where level changes are present due to deteriorated areas on the play area surface.	1	-	-
30	Playground in Southwest School Courtyard	Ext.		Play Areas	N/A		Accessible route not provided around playground	-	Provide a 48" wide min. stable, firm and slip resistant compliant accessible route around the play area.	1	-	-
31	Southwest Playground	Ext.		Play Areas	N/A		Accessible route not provided around playground Accessible route not provided to play components	- -	Provide a 48" wide min. stable, firm and slip resistant compliant accessible route around the play area. Provide a compliant impact-attenuating surface to and around the play components.	1	-	-
32	Southwest Playground	Ext.		Play Areas	N/A		No compliant transfer system	7.5"	Ensure the top surface of the transfer platform is between 11 and 18 inches high, measured from the ground.	1	-	-

Best Practice

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Cross Walk												
33	Crosswalk to Main Entrance and Egress by Gymnasium								If a detectable warning platform is provided on only one side of a cross walk, recommend providing a detectable warning platform on both sides of the crosswalk.	1	-	-
Social Steps												
34	Social Steps at Playground by Lower School Drop Off								Recommend providing a 36" min. by 48" min. stable, firm and slip-resistant surface adjacent to at least one area within these social steps, positioned to allow a person in a wheeled mobility device and a person sitting on the bench to have their shoulders aligned.	1	-	-
Cross Walk												
35	Accessible Parking Outside of Gymnasium	Ext.		Cross Walk	N/A				Recommend, since other cross walks in this parking area have detectable warnings, providing detectable warnings at both ends of this cross walk and ensuring that they are provided at all cross walks on the school grounds.	1	Labor	Labor