



Element Door **type** **Record #** S6-130
Issues Door requires >5 pounds of force to open 14 lbs

Comment

Floor Level 1 **Location** girls locker room **Room #** G102 C



Element Door **type** Toilet Room **Record #** S6-017
Issues Door requires >5 pounds of force to open 15 lbs

Comment

Floor Level 1 **Location** girls toilet room **Room #** B115



Element Door **type** Toilet Room **Record #** S6-013
Issues Door requires >5 pounds of force to open 15 lbs

Comment

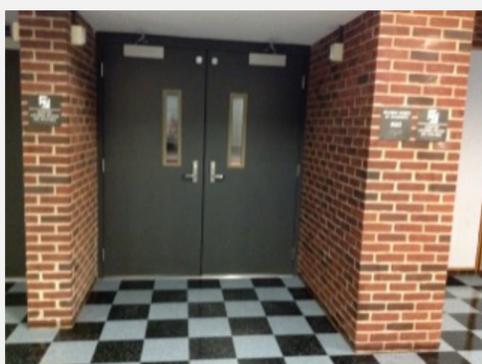
Floor Level 1 **Location** boys toilet room **Room #** b116



Element Door **type** **Record #** S6-115
Issues Door requires >5 pounds of force to open 20 lbs.

Comment signage 61"

Floor Level 1 **Location** field house **Room #** d



Element Door **type** **Record #** S6-120
Issues Door requires >5 pounds of force to open 15 lbs

Comment

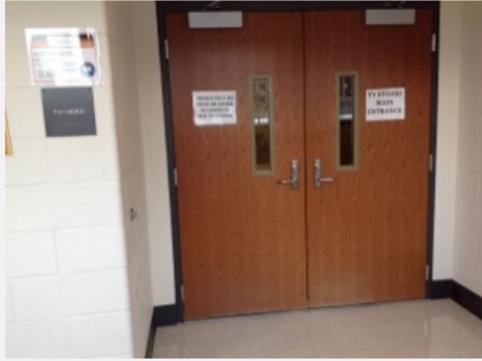
Floor Level 2 **Location** **Room #**



Element Door **type** Classroom or Lab **Record #** S6-093
Issues Door requires >5 pounds of force to open 20 lbs

Comment

Floor Level 3 **Location** **Room #** a315

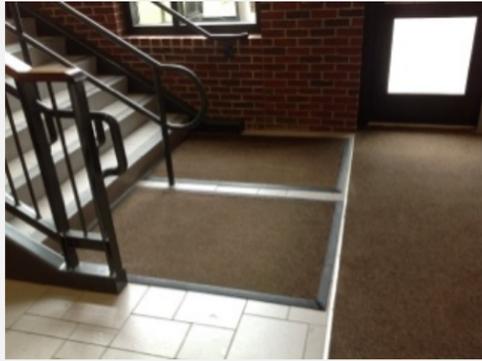


Element Door **type** Classroom or Lab **Record #** S6-101
Issues Door requires >5 pounds of force to open 20 lbs

Comment

Floor Level 3 **Location** TV video **Room #** d tv

Stairway (Interior)



Element Stairway (Interior) **type** **Record #** S6-002
Issues -

Comment stair 2A is the same

Floor Level 1 **Location** stair 1A **Room #**

Ramp (Interior)



Element Ramp (Interior) **type** U-shaped **Record #** S6-003
Issues Running slope >1:12 8.9%

Comment slope between 8.7%-8.9%
2 ramps

Floor Level 1 **Location** lobby **Room #**

Interior Route



Element Interior Route **type** **Record #** S6-122
Issues

Comment CFS between each type of machine not provided

Floor Level 1 **Location** weight room **Room #** G101



Element Interior Route **type** **Record #** S6-124
Issues

Comment CFS between each type of machine not provided.

Floor Level 1 **Location** weight room **Room #** G101



Element Interior Route **type** **Record #** S6-027
Issues

Comment eyewash clear fl space

Floor Level 1 **Location** biology **Room #** b105



Element Interior Route **type**

Issues Obstructed by protruding objects

Comment 44.5" high, 5.5 protrusion

Floor Level **Location** lobby **Room #**



Element Interior Route **type**

Issues Obstructed by protruding objects

Comment clear floor space at automatic door opener

Floor Level 1 **Location** lobby **Room #**



Element Interior Route **type**

Issues Obstructed by protruding objects -

Comment 43" AFF protrude 5"

Floor Level 1 **Location** lobby **Room #**



Element Interior Route **type**

Issues Obstructed by protruding objects 39"

Comment 39"

Floor Level 1 **Location** **Room #** a109a



Element Interior Route **type** N/A

Issues Obstructed by protruding objects -

Comment paper disp 42", protrudes 10" visual n audio fire alarm,

Floor Level 1 **Location** unisex toilet room **Room #** a113



Element Interior Route **type**

Issues Obstructed by protruding objects -

Comment 44.5" 10"

Floor Level 1 **Location** **Room #** a114



Element Interior Route **type** - **Record #** S6-041

Issues Obstructed by protruding objects

Comment 47 to dispenser, protrudes 10"

Floor Level 2 **Location** **Room #** b218



Element Interior Route **type** - **Record #** S6-123

Issues Surface not stable, firm, and slip-resistant

Comment

Floor Level 1 **Location** weigh room **Room #** G101

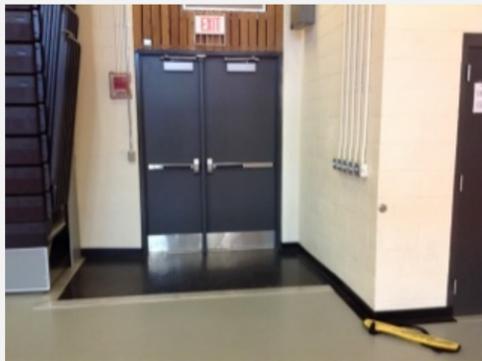


Element Interior Route **type** - **Record #** S6-083

Issues Surface not stable, firm, and slip-resistant

Comment

Floor Level 2 **Location** Algio **Room #** a208



Element Interior Route **type** - **Record #** S6-114

Issues Running slope >1:20 4.3%

Comment 4.3% slope, 1.6 slope, 4 doors, 9 doors, interior doors 20 lbs pressure

Floor Level 1 **Location** field house **Room #** d



Element Interior Route **type** - **Record #** S6-035

Issues Clear width <36" 28"

Comment 28" side aisles

Floor Level 2 **Location** **Room #** b208



Element Interior Route **type** 141 **Record #** S6-102

Issues Clear width <36" -

Comment

Floor Level 3 **Location** tv **Room #** d tv



Dining or Work Surface



Element Dining or Work Surface **type** Work surface **Record #** S6-024
Issues

Comment

Floor Level 1 **Location** **Room #** b103



Element Dining or Work Surface **type** Work surface **Record #** S6-063
Issues Toe or knee clearance at tables not provided -

Comment table bottom 24 3/4 top 30.25",no access

Floor Level 1 **Location** fashion **Room #** a101



Element Dining or Work Surface **type** Work surface **Record #** S6-033
Issues Toe or knee clearance at tables not provided 26"

Comment

Floor Level 2 **Location** **Room #** b212



Element Dining or Work Surface **type** Work surface **Record #** S6-103
Issues Toe or knee clearance at tables not provided 27
Top of dining surfaces <28" or >34"

Comment 26.5 to bottom, 27 to top

Floor Level 3 **Location** **Room #** d tv



Element Dining or Work Surface **type** Work surface **Record #** S6-064
Issues Top of dining surfaces <28" or >34" 37"

Comment 37" to top

Floor Level 1 **Location** fashion **Room #** a101



Element Dining or Work Surface **type** Work surface **Record #** S6-023
Issues Top of dining surfaces <28" or >34" 36"

Comment 6 lab tables 36 " high

Floor Level 1 **Location** **Room #** b103



Element Dining or Work Surface **type** Work surface **Record #** S6-047
Issues Top of dining surfaces <28" or >34" 26"
Comment 26" cl under tables

Floor Level 2 **Location** **Room #** b m201



Element Dining or Work Surface **type** Dining surface **Record #** S6-112
Issues Top of dining surfaces <28" or >34" 36"
Comment

Floor Level 2 **Location** cafeteria **Room #** d

Lift



Element Lift **type** Vertical **Record #** S6-117
Issues Not independently operable -
Comment

Floor Level 2 **Location** auditorium **Room #**

Assembly Area



Element Assembly Area **type** **Record #** S6-118
Issues Dispersion not provided -
Comment seats on slope, no dispersion

Floor Level 2 **Location** auditorium **Room #**

Signage



Element Signage **type** **Record #** S6-092
Issues 4
Comment Good Example

Floor Level 2 **Location** **Room #** a216



Element Signage **type** N/A **Record #** S6-097
Issues
Comment gender, 2 stalls, 1 accessible

Floor Level 2 **Location** **Room #** a218



Element Signage **type** **Record #** S6-044
Issues

Comment sign same as 2nd

Floor Level 2 **Location** **Room #** b316



Element Signage **type** **Record #** S6-015
Issues Not provided -

Comment sign to the accessible toilet room not provided.

Floor Level 1 **Location** girls toilet room **Room #** B115



Element Signage **type** **Record #** S6-113
Issues Not provided -

Comment same layout of 1st fl B House overall no signage to elevator throughout.

Floor Level 1 **Location** 1st fl **Room #** d



Element Signage **type** **Record #** S6-012
Issues Not provided -
Provided, misplaced

Comment need sign showing where the accessible bathroom is

Floor Level 1 **Location** boys toilet room **Room #** b116



Element Signage **type** **Record #** S6-126
Issues Provided, misplaced -

Comment sign is 37" away from door

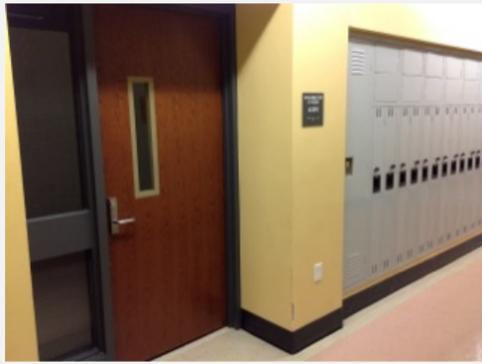
Floor Level 1 **Location** **Room #** G101



Element Signage **type** **Record #** S6-037
Issues Provided, misplaced -

Comment

Floor Level 2 **Location** headmaster **Room #** b201



Element Signage **type** **Record #** S6-085
Issues Provided, misplaced -

Comment

Floor Level 2 **Location** housemaster **Room #** a201



Element Signage **type** N/A **Record #** S6-099
Issues Provided, misplaced -

Comment

Floor Level 3 **Location** photo **Room #** m319



Element Signage **type** **Record #** S6-048
Issues Provided, misplaced -
 Provided, non-compliant

Comment

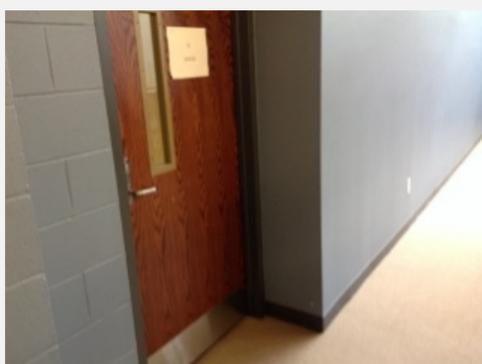
Floor Level 2 **Location** **Room #** b m201



Element Signage **type** **Record #** S6-045
Issues Provided, misplaced -
 Provided, non-compliant

Comment no sign

Floor Level 3 **Location** ... **Room #** b



Element Signage **type** **Record #** S6-046
Issues Provided, misplaced -
 Provided, non-compliant

Comment

Floor Level 3 **Location** library **Room #** b



Element Signage **type** **Record #** S6-005
Issues Provided, non-compliant -

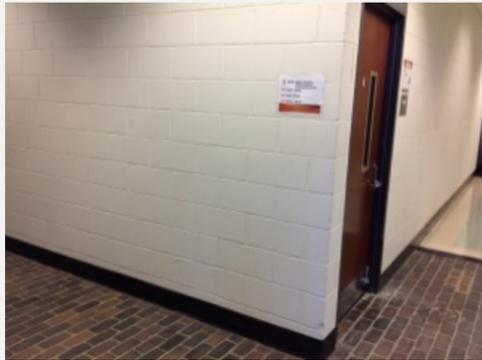
Comment

Floor Level 1 **Location** **Room #**



Element Signage **type** **Record #** S6-007
Issues Provided, non-compliant -
Comment directional sign too high.

Floor Level 1 **Location** **Room #**



Element Signage **type** **Record #** S6-011
Issues Provided, non-compliant -
Comment B House - directional sign

Floor Level 1 **Location** **Room #**



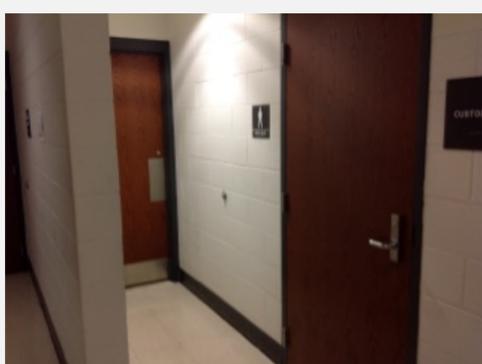
Element Signage **type** **Record #** S6-053
Issues Provided, non-compliant -
Comment same as b

Floor Level 1 **Location** **Room #** a114



Element Signage **type** **Record #** S6-038
Issues Provided, non-compliant -
Comment same as 1st fl, inside

Floor Level 2 **Location** girls **Room #** b215



Element Signage **type** **Record #** S6-039
Issues Provided, non-compliant -
Comment 2 stalls 3 urinals 1 accessible, same door pressure as 1st floor

Floor Level 2 **Location** **Room #** b215



Element Signage **type** N/A **Record #** S6-108
Issues Provided, non-compliant -
Comment

Floor Level 2 **Location** **Room #** d 240



Element Signage **type** N/A **Record #** S6-043
Issues Provided, non-compliant -

Comment

Floor Level 2 **Location** **Room #** b316



Element Signage **type** **Record #** S6-109
Issues Provided, non-compliant -
 Tactile characters < 48" or > 60" above ground

Comment

Floor Level 2 **Location** **Room #** m245



Element Signage **type** 143 **Record #** S6-137
Issues Tactile characters < 48" or > 60" above ground 61"

Comment 61" to base of first text

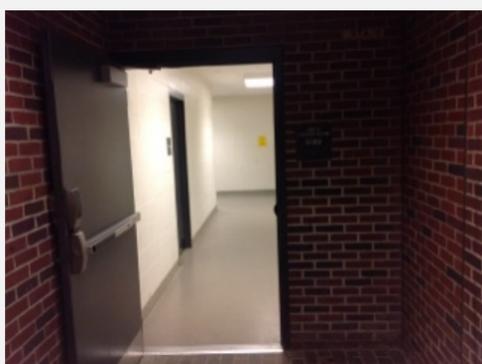
Floor Level 1 **Location** boy's locker room **Room #**



Element Signage **type** **Record #** S6-084
Issues Tactile characters < 48" or > 60" above ground 61.5"

Comment

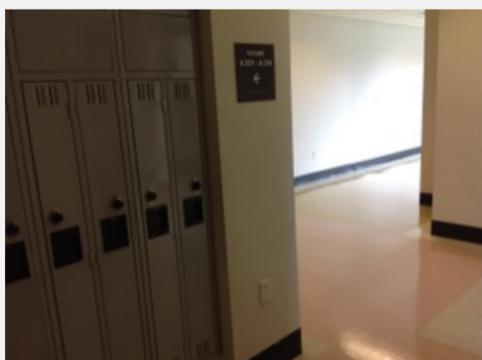
Floor Level 2 **Location** conference room **Room #** a210



Element Signage **type** **Record #** S6-127
Issues Centerline > 60" above ground 63.5"

Comment

Floor Level 1 **Location** girls locker room **Room #** G102



Element Signage **type** **Record #** S6-082
Issues Centerline > 60" above ground 62"

Comment

Floor Level 2 **Location** **Room #** a213

Toilet or Bathing Rooms



Overall Access



Element Overall Access **type** Single-user, **Record #** S6-076
Issues Turning space not provided -

Comment not CFS , 2 toilet rooms, a111a

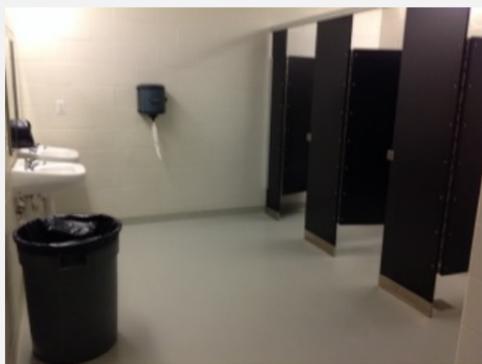
Floor Level 1 **Location** **Room #** a109a



Element Overall Access **type** Multi-user, **Record #** S6-131
Issues Accessible plumbing fixtures or stalls not provided -

Comment 6 stalls + 1 accessible, no ambulatory,

Floor Level 1 **Location** girls toilet room **Room #** G102 d



Element Overall Access **type** Multi-user, **Record #** S6-016
Issues Accessible plumbing fixtures or stalls not provided -

Comment 3 stalls, pipe protect, no accessible stall

Floor Level 1 **Location** girls toilet room **Room #** b115



Element Overall Access **type** Multi-user, men's **Record #** S6-055
Issues Accessible plumbing fixtures or stalls not provided -

Comment 2 stalls 1 urinal, not accessible

Floor Level 1 **Location** boys toilet room **Room #** a116



Element Overall Access **type** Multi-user, **Record #** S6-056
Issues Accessible plumbing fixtures or stalls not provided -

Comment 3 stalls, not access.

Floor Level 1 **Location** girls toilet room **Room #** a117



Element Overall Access **type** Multi-user, **Record #** S6-087
Issues Accessible plumbing fixtures or stalls not provided -

Comment 3 stalls not accessible

Floor Level 2 **Location** girls toilet room **Room #** a215



Element Overall Access **type** Single-user, **Record #** S6-111
Issues Clear floor space not provided in toilet room -

Comment

Floor Level 2 **Location** unisex toilet room **Room #** m?

Lavatory



Element Lavatory **type** Other **Record #** S6-020
Issues Clear floor space not provided at lavatory -

Comment dispenser is on the clear floor space at lavatory.

Floor Level 1 **Location** accessible toilet room **Room #** B131



Element Lavatory **type** Other **Record #** S6-094
Issues Exposed plumbing underneath -

Comment

Floor Level 3 **Location** girls toilet room **Room #** c315



Element Lavatory **type** Other **Record #** S6-096
Issues Exposed plumbing underneath -

Comment 2 stalls, 3 urinals, none accessible

Floor Level 3 **Location** boys toilet room **Room #** c316

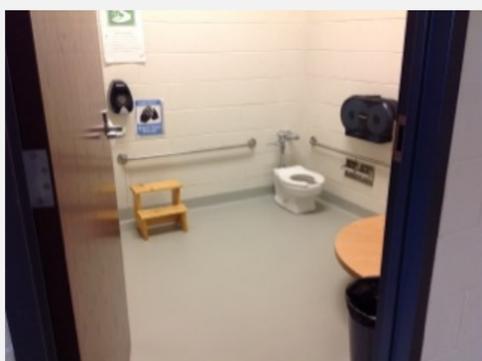


Element Lavatory **type** Other **Record #** S6-106
Issues Exposed plumbing underneath -

Comment 2 stalls 3 urinals, 1 accessible, girls d 315 same, 317 \$317 same as 2nd fl.

Floor Level 3 **Location** boys toilet room **Room #** d 316

Toilet



Element Toilet **type** Floor-mounted **Record #** S6-074
Issues Non-compliant rear grab bar -

Comment

Floor Level 1 **Location** child care toilet room **Room #** a109a



Element Toilet **type** Wall-mounted **Record #** S6-049
Issues Non-compliant rear grab bar 17"

Comment

Floor Level 1 **Location** unisex toilet room **Room #** a113

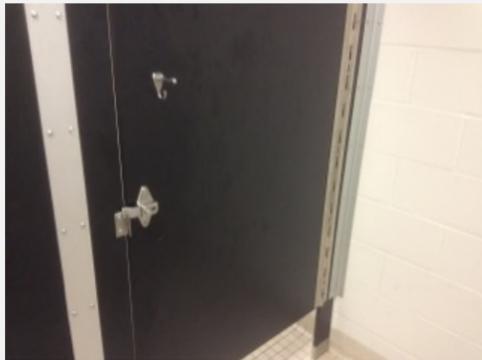
Toilet Compartment



Element Toilet Compartment **type** Wheelchair **Record #** S6-014
Issues

Comment 2 stalls 1 urinal,

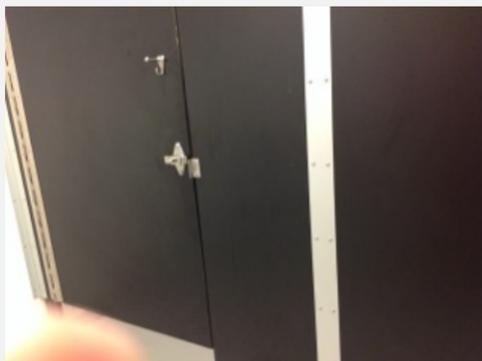
Floor Level 1 **Location** boys toilet room **Room #** B116



Element Toilet Compartment **type** Wheelchair **Record #** S6-155
Issues Door with malfunctioning self-closing hinge
 Coat hook > 48" -

Comment

Floor Level 1 **Location** Boys Toilet Room **Room #** a101



Element Toilet Compartment **type** Wheelchair **Record #** S6-090
Issues Coat hook > 48" 54"

Comment 54 top of hook, protruding paper disp.

Floor Level 2 **Location** **Room #** a218

Lockers

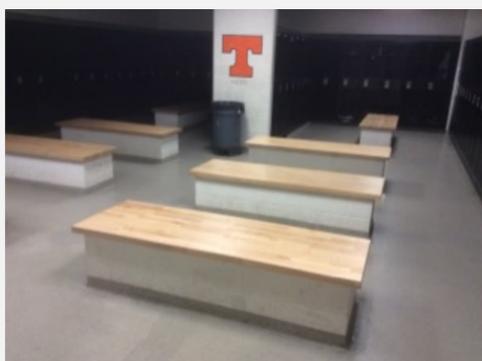


Element Lockers **type** **Record #** S6-148
Issues

Comment about 200 lockers (numbers go to 750)
lock at 43"

Floor Level 1 **Location** **Room #** a101

Bench



Element Bench **type** **Record #** S6-150
Issues Back support not provided -

Comment there are 2 locker room areas just like this
all areas have at least 44" clear path

Floor Level 1 **Location** **Room #** a101



Element Bench **type** **Record #** S6-129

Issues Back support not provided -

Comment

Floor Level 1 **Location** girls locker room **Room #** G102 C

Additional Access

Drinking Fountain



Element Drinking Fountain **type** Hi-lo **Record #** S6-138

Issues Clear floor space not provided at drinking fountain -

Comment lower fountain 26" of knee clearance.

Floor Level 1 **Location** locker room **Room #** a101

Sink



Element Sink **type** Other **Record #** S6-059

Issues -

Comment 6.5" deep, counter is 29" deep, soap disp too high, a104 has same stoves and sink

Floor Level 1 **Location** culinary arts **Room #** a101



Element Sink **type** **Record #** S6-060

Issues -

Comment knee cl almost 7" deep, 10.5" deep at bottom, 8.5 from floor.

Floor Level 1 **Location** culinary arts **Room #** a101



Element Sink **type** **Record #** S6-065

Issues Clear floor space not provided at sink -

Comment same as cooking class

Floor Level 1 **Location** **Room #** a101



Element Sink **type** **Record #** S6-072

Issues Toe and Knee Clearances not provided -

Comment 3 sinks & 1 stove same as a101, a11

Floor Level 1 **Location** child care **Room #** a108



Residential Kitchens & Kitchenettes



Element Residential Kitchens & Kitchenettes **type** **Record #** S6-067

Issues Non-compliant appliances

Comment controls 56.5 to bottom, same as 102

Floor Level 1 **Location** culinary arts **Room #** a101

Clothes Rod / Hooks



Element Clothes Rod / Hooks **type** N/A **Record #** S6-147

Issues Rods & hooks > 48" 54"

Comment

Floor Level 1 **Location** Boys Locker Room **Room #** a101

Hopewell School



Location: 16 Monroe Street

Year Built: 1914

A part of Taunton Public Schools, Hopewell Elementary School serves students from kindergarten through grade five. Its academic curriculum includes programs in reading, art, music and physical education. The school additionally conducts computer application classes.

The school's library provides a variety of resources, including books, magazines, newspapers and electronic resources.

Hopewell Elementary School is a three story building with no elevator built in 1914. The first floor has the Principal office, one early intervention room, library, cafeteria, and boys/girls toilet rooms. The second floor has, classrooms, a media room, two reading rooms, storage areas/exit room and the nursing room. The third floor also has classrooms, a computer lab and one guidance room inclusion.

Note: *The City of Taunton has no obligation to make this building accessible unless there is no other option to ensure program accessibility. If the City did a major renovation of the school, the City would have the obligation to provide an accessible route to all floors (e.g., an elevator) but the City has no obligation to take action unless the City has exhausted all the options (e.g., move a student with a disability and his or her class to the first floor; provide equivalent educational opportunity in a different school that's accessible).*

Approach & Entrance



Photo 1



Photo 2 – Main Entrance

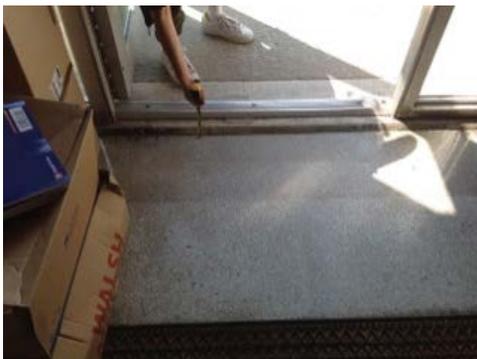


Photo 3 – Main Entrance

Issues:

Parking - There are two accessible parking on the side of the building but not an accessible van space as required by State and Federal codes. (Photo 1)

Ramp - The cross slope at the ramp located at the main entrance of the building exceeds the maximum of 1:48 required by the ADA Standards. Furthermore, due to the date of construction the ramp has gaps of 1.5" that may constitute tripping hazard. (Photo 2)

Threshold - The main entrance to the building has significant problems with threshold almost 2" height. (Photo 3)

Recommendations:

Parking - Provide one accessible parking van. The space should be 132" wide with a 60" minimum accessible aisle (the access aisle should be marked to prevent other vehicles to park there). The accessible parking must be connected to the accessible route.

Ramp - Make reparations to reduce the excessive cross slope at the ramp; the landing at the ramp should have a maximum cross slope of 1:48. When making renovations to the ramp ensure that there is either a 12" minimum edge protection at each side of the ramp or a barrier edge protection no higher than 4".

Threshold - Make repairs/adjustments to the entrance in order to address the excessive threshold height.

Signage



Photo 4 – Class room on 2nd Floor



Photo 5 – Principal Office

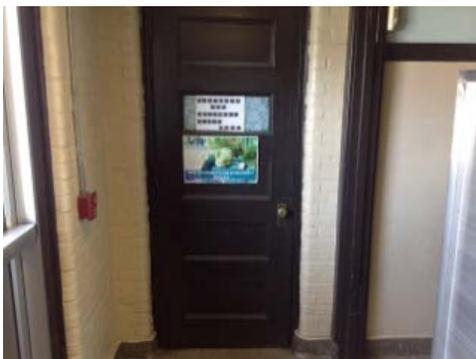


Photo – Staff Toilet Room

Issues:

Signage - Signs to permanent rooms and spaces do not meet requirements for raised characters and Braille. In addition, signs are not located at the latch side of doors as required. (Photo 4, 5, and 6)

Recommendations:

Signage - Install signs alongside all doors to permanent rooms and spaces. In general, accessible signs must be mounted between 48" – 60" on the latch side of the door and must have raised letters and numerals; use sans serif type and Braille. Typeface must be clear, with maximum contrasting colors. The surface of the sign should have a non-reflective or other non-glossy finish.

Doors



Photo 7 –



Photo 8 –



Photo 9 –

Issues:

Doors Hardware - Some doors to class-rooms and toilet rooms have hardware that requires grasping, pinching or twisting of the wrist. (Photo 7)

Door Maneuvering Clearance - Class-rooms were found to have the maneuvering clearance at the door obstructed by furniture and/or recess. (Photo 8)

Opening Force - Interior doors with closers exceed the maximum allowable force required to open them. (Photo 9)

Recommendations:

Doors Hardware - Provide hardware that can be operable with one hand and not require grasping, pinching, or twisting of the wrist.

Door Maneuvering Clearance - A 18" maneuvering clearance must be provided at doors with closers on the pull side.

Opening Force - Replace or adjust door closers so that interior doors do not exceed 5 pounds of force to operate them. When interior doors cannot meet the opening force requirement, provide an automatic door opener.

Accessible Routes



Photo 10 –

Issues:

Changes in Level - Changes in level along some accessible routes were found to be higher than the minimum required. (Photo 10)

Circulation Routes - At some location in the building accessible routes were found to be by obstructed by furniture. (Photo 11)

Carpets - Carpets inside class rooms were not securely attached. (Photo 12)



Photo 11 –

Recommendations:

Changes in Level - Changes in level higher than $\frac{1}{2}$ " shall be ramped and comply with the requirements for ramps.

Circulation Routes - Ensure that accessible routes to rooms and spaces throughout the building are clear of furniture at all time.

Carpet - Securely attached carpets located along accessible routes to prevent tripping hazards.



Photo 12 –

Toilet Rooms



Photo 13 – 1st Floor Boy's Toilet Room



Photo 14 – 1st Floor Girl's Toilet Room



Photo 15 – 1st Floor Boy's Toilet Room

Issues:

Lavatories - All lavatories in both boys, girls and staff toilet rooms do not have wrapped pipes under the lavatory as required. (Photo 13)

Wheelchair Accessible Compartment - Girls' toilet room did not provide the required wheelchair compartment nor the ambulatory compartment as required. Furthermore the accessible compartment in the boys' toilet room and staff toilet room did not provide the required compartment sizes of 60" X 72". (Photo 14)

Urinals - Urinals are mounted at 22" above finish floor exceeding the maximum 17" allowed. (Photo 15)

Recommendations:

Lavatories - Provide at least one lavatory with insulated or otherwise configured to protect against contact with a seated user's legs. Further, establish a regular schedule for checking pipe wrapping or replacement.

Wheelchair Accessible Compartment - When making renovations ensure that the wheelchair accessible compartment is at least 60' x 72". Furthermore, if more than six compartments are provided ensure that there is also an alternate toilet stall that is 17" – 19" wide in addition to the wheelchair compartment.

Urinals - Lower at least one urinal in each of the boy's toilet rooms so rim is no higher than 17" above the finish floor or install floor-mounted urinals. Ensure that the accessible route to the accessible urinal has slope not higher than 1:20.

Work Surface



Photo 16 - Computer Room on 3rd floor

Issues:

Work Surfaces - Some computer tables and work surfaces were found to be lower than the minimum requirement therefore the knee clearance positioned for a forward approach was not provided. (Photos 16, 17 and 18)

Recommendations:

Work Surfaces - Provide tables that allowed for a forward approach (Knee and toe clearance provided) and that are between 26" -30" above the finish floor.



Photo 17 - Library



Photo 18 – Class room on 2nd floor



Approach and Entrance

Accessible Route/Walkway



Element Accessible Route/Walkway **type** **Record #** S9-049
Issues Not provided from all site arrival points

Comment Accessible route to playground not provided.

Floor Level 1 **Location** play ground **Room #**

Off-Street Parking Spaces



Element Off-Street Parking Spaces **type** Guest / Visitor **Record #** S9-000
Issues Total # of designated accessible spaces 14
Total # of parking spaces 2
Not in operable working condition

Comment 2 accessible spaces
no van accessible space

Floor Level **Location** **Room #**

Ramp (in a Walkway)



Element Ramp (in a Walkway) **type** Straight **Record #** S9-003
Issues Running slope at ramp >1:12 9.3%
Cross slope >1:48 2.5%

Comment 9.3% at the top

Floor Level **Location** **Room #**



Element Ramp (in a Walkway) **type** **Record #** S9-004
Issues Not in operable working condition

Comment gap 1.5"

Floor Level **Location** **Room #**

Stairway (in a Walkway)



Element Stairway (in a Walkway) **type** **Record #** S9-051
Issues

Comment threshold 1" high

Floor Level 1 **Location** **Room #**



Element Stairway (in a Walkway) **type** **Record #** S9-052
Issues

Comment emergency exit

Floor Level 1 **Location** **Room #**



Element Stairway (in a Walkway) **type** **Record #** S9-053
Issues

Comment emergency exit

Floor Level 1 **Location** **Room #**

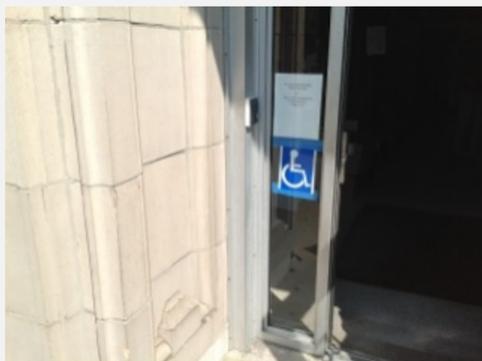


Element Stairway (in a Walkway) **type** **Record #** S9-048
Issues Stairs not maintained in operable working condition

Comment

Floor Level 1 **Location** **Room #**

Entrance



Element Entrance **type** Main entrance **Record #** S9-005
Issues

Comment buzzed to enter

Floor Level **Location** **Room #**



Element Entrance **type** Secondary **Record #** S9-017
Issues Not connected to an accessible route
If not Accessible - Directional Sign not Provided

Comment not an accessible exit
threshold 1". sign missing

Floor Level 1 **Location** **Room #**



Element Entrance **type** Main entrance **Record #** S9-002
Issues If not Accessible - Directional Sign not Provided

Comment directional sign

Floor Level **Location** **Room #**



Element Entrance **type** **Record #** S9-006

Issues Threshold >1/2" high 2"
Door requires >5 lbs of force to open 20lbs

Comment almost 2"

Floor Level **Location** **Room #**

Access to Goods and Services

Door



Element Door **type** **Record #** S9-013

Issues

Comment maintenance.

Floor Level 1 **Location** library **Room #**



Element Door **type** **Record #** S9-038

Issues Does not provide clear width of 32" 30"

Comment exit doors are 30"

Floor Level 2 **Location** **Room #** 3



Element Door **type** **Record #** S9-011

Issues Maneuvering clearance(s) not provided

Comment 7.5 at pull side

Floor Level 1 **Location** library **Room #**



Element Door **type** Classroom or Lab **Record #** S9-029

Issues Maneuvering clearance(s) not provided
Vision light located >43" AFF
Smooth surface not provided at bottom 10"

Comment

Floor Level 2 **Location** **Room #** 3



Element Door **type** Classroom or Lab **Record #** S9-034

Issues Maneuvering clearance(s) not provided at recess 9.5"

Comment

Floor Level 2 **Location** **Room #** 5



Element Door **type** Classroom or Lab **Record #** S9-010

Issues Maneuvering clearance(s) not provided at recess 25lbs
 Maneuvering clearance(s) not provided 50"
 Door closer reaches 12 degrees in < 5 seconds

Comment recess: 15.5"

Floor Level 1 **Location** library **Room #**



Element Door **type** Toilet Room **Record #** S9-016

Issues Hardware inoperable -

Comment

Floor Level 1 **Location** staff toilet room **Room #**



Element Door **type** Office **Record #** S9-009

Issues Vision light located >43" AFF 50"

Comment

Floor Level 1 **Location** principal ooffice **Room #**



Element Door **type** Classroom or Lab **Record #** S9-025

Issues Vision light located >43" AFF -
 Hardware inoperable -
 Maneuvering clearance(s) not provided at recess 54"

Comment

Floor Level 2 **Location** **Room #** 3

Stairway (Interior)



Element Stairway (Interior) **type** Interior **Record #** S9-024

Issues Handrails do not extend 12" from stairs -

Comment

Floor Level 1 **Location** **Room #**

Interior Route



Element Interior Route **type** **Record #** S9-032

Issues Surface not stable, firm, and slip-resistant -

Comment accessible route

Floor Level 2 **Location** **Room #** 5



Element Interior Route **type** **Record #** S9-033
Issues Surface not stable, firm, and slip-resistant -

Comment

Floor Level 2 **Location** **Room #** 5



Element Interior Route **type** **Record #** S9-043
Issues Cross slope >1:48 6.7%

Comment

Floor Level 1 **Location** girls toilet room **Room #**



Element Interior Route **type** **Record #** S9-020
Issues Changes in level >1/4" -

Comment

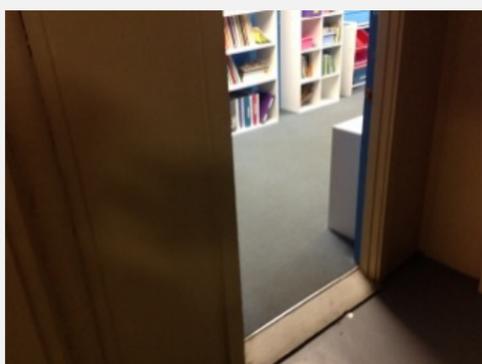
Floor Level 1 **Location** boys toilet room **Room #**



Element Interior Route **type** **Record #** S9-045
Issues Changes in level >1/4" 5.5"

Comment

Floor Level 1 **Location** early intervention room **Room #**



Element Interior Route **type** **Record #** S9-046
Issues Beveled changes in level >1/2" -

Comment

Floor Level 1 **Location** early intervention room **Room #**



Element Interior Route **type** **Record #** S9-039
Issues Clear width <36" -

Comment rearrange furniture to keep accessible route clear.

Floor Level 2 **Location** nurse's station **Room #**



Dining or Work Surface



Element Dining or Work Surface **type** Work surface **Record #** S9-026

Issues Number of tables provided 4
 Toe or knee clearance at tables not provided -

Comment

Floor Level 2 **Location** class room **Room #** 3



Element Dining or Work Surface **type** Work surface **Record #** S9-012

Issues Top of dining surfaces <28" or >34" 24"

Comment

Floor Level 1 **Location** library **Room #**



Element Dining or Work Surface **type** Work surface **Record #** S9-031

Issues Top of dining surfaces <28" or >34" 22.5"

Comment

Floor Level 2 **Location** **Room #** 5

Signage



Element Signage **type** **Record #** S9-042

Issues Not provided -

Comment door is 15 lbs

Floor Level 1 **Location** girls toilet room **Room #**

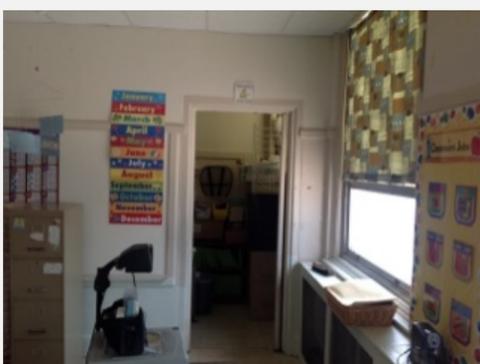


Element Signage **type** **Record #** S9-007

Issues Provided, misplaced -
 Provided, non-compliant -

Comment

Floor Level 1 **Location** lobby **Room #**

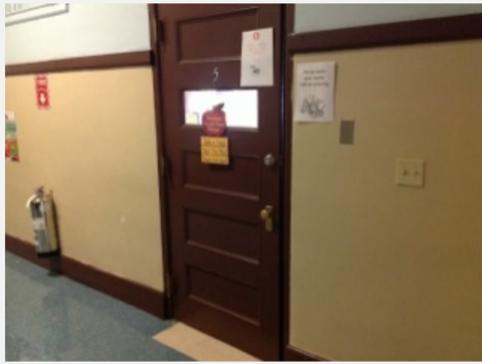


Element Signage **type** **Record #** S9-027

Issues Provided, misplaced -
 Provided, non-compliant -

Comment secondary fire exit. same issue in all class room rooms don't have visual alarms.

Floor Level 2 **Location** **Room #** 3



Element Signage **type** **Record #** S9-036

Issues Provided, misplaced -
 Provided, non-compliant -
 Tactile characters < 48" or > 60" above ground -
 Sign not provided on the latch side of the door -

Comment signage at all doors:
on 2nd floor:

Floor Level 2 **Location** **Room #** 5



Element Signage **type** **Record #** S9-008

Issues Provided, misplaced -
 Provided, non-compliant -
 Sign not provided on the latch side of the door -

Comment

Floor Level 1 **Location** principal office **Room #**



Element Signage **type** **Record #** S9-023

Issues Provided, misplaced
 Provided, non-compliant
 Missing or non-compliant ISA

Comment accessible route blocked by recycling bin.

Floor Level 1 **Location** boys toilet room **Room #**

Toilet or Bathing Rooms

Overall Access



Element Overall Access **type** Single-user, **Record #** S9-014

Issues Turning space not provided -

Comment

Floor Level 1 **Location** staff toilet room **Room #**



Element Overall Access **type** Single-user, **Record #** S9-037

Issues Turning space not provided -
 Clear floor space not provided in toilet room -

Comment

Floor Level 2 **Location** nurse's room **Room #**



Element Overall Access **type** Multi-user, **Record #** S9-044

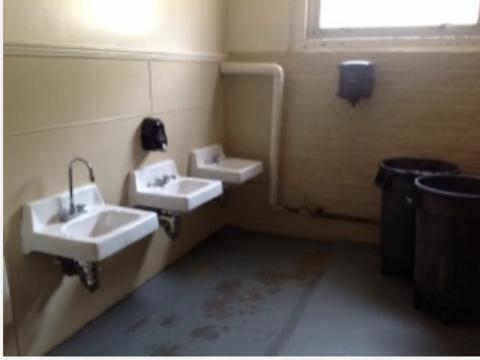
Issues Accessible plumbing fixtures or stalls not provided -

Comment 7 toilet stalls no accessible or alternate stall provided
lavatories non-compliance (26" AFF)

Floor Level 1 **Location** girls toilet room **Room #**



Lavatory



Element Lavatory **type** Other **Record #** S9-019

Issues Rim or counter >34" 31."
Exposed plumbing underneath -

Comment

Floor Level 1 **Location** boys toilet room **Room #**



Element Lavatory **type** Other **Record #** S9-015

Issues Exposed plumbing underneath -
Mirror above lavatory w/ reflective surface > 40" 51.5"

Comment 59" AFF to dispenser
toilet paper dispenser too high

Floor Level 1 **Location** staff toilet room **Room #**

Toilet Compartment

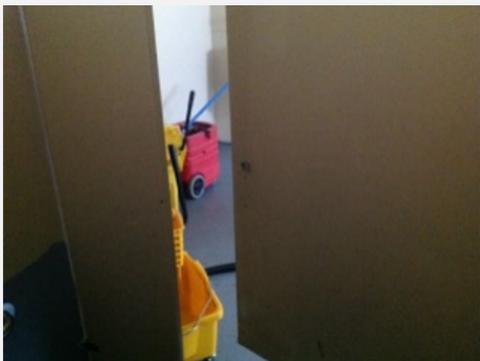


Element Toilet Compartment **type** Wheelchair **Record #** S9-021

Issues Inadequate maneuvering clearances -

Comment 57.5"x56
side grab bar: 3" from wall

Floor Level 1 **Location** boys toilet room **Room #**



Element Toilet Compartment **type** Wheelchair **Record #** S9-022

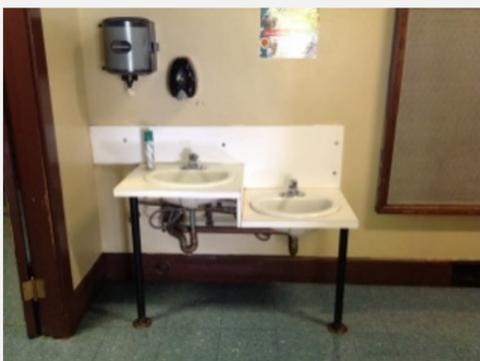
Issues Door with malfunctioning self-closing hinge -

Comment

Floor Level 1 **Location** boys toilet room **Room #**

Additional Access

Sink



Element Sink **type** Other **Record #** S9-030

Issues Toe and Knee Clearances not provided 24.5"
Exposed plumbing underneath sink -

Comment

Floor Level 2 **Location** hallway **Room #**



Playground



Element Playground

type

Record # S9-050

Issues Accessible route to playground not provided.

Comment

Floor Level 1

Location

Room #

Edward F. Leddy Pre-School



Location:

36 Second St

Year Built:

1954

Facility Programs Include:

- Pre-School, Ages 3 - 6
- Transportation provided between Leddy Preschool and the Taunton Extended Day Program
- Polling location - 6B

Leddy Pre-School is a moderately accessible single-story school building serving about 350 students. It includes ten classrooms, library, cafeteria, two sets of B & G toilet rooms, and an indoor recreation room. In the rear is a small parking area adjoining a small school play area.

An at-grade accessible Main Entrance with walkway is located in the center of the building. A stairway front entrance to the west includes prominent school name signage and may also be used as a primary entrance.

There is a significant need to remedy nearby sidewalk and curb ramp conditions. Provision of an accessible egress route is needed from the rear facility exit doors and walkways to the parking lot or to a sidewalk.

Program accessibility recommendations include:

- Provision of at least at least one toilet room with children's dimensions.
- Facility-wide signage improvement program;
- At least one type of each classroom made fully accessible; and
- ADA/504 Notice with Contact and Policies should be posted.

Approach and Entrance



Photo 1



Photo 2



Photo 3

Issues:

Pedestrian Crosswalks, Sidewalks, Curb Ramps

Four marked crosswalks provide a route to the Main entrance from nearby streets and sidewalks.

- Front crosswalk curb ramps lack level top and bottom landings and sidewalks are not level, smooth and slip-resistant.
- Two west crosswalks, curb ramps and connected sidewalks are not continuously level, smooth, and slip-resistant and three curb ramps have narrow top landings. (Photo 1)
- East crosswalk to entrance does not provide accessible curb ramps and the curb ramp perpendicular to this crosswalk does not have a level bottom landing.
- Existing east perimeter sidewalks are not continuously smooth and level to the door. (Photo 2)

Emergency Egress route (rear): Although one of the several exit doors (#7) that opens into the western side and back courtyard has a sloped path, this path has excessive slopes for a walkway, and should be treated as an accessible ramp, with handrails, edge protection and level landings.

Another at-grade exit door (#5) leads to a path that is incomplete and does not connect to parking area hardtop. If this path is extended to meet the level-graded path within the courtyard, this door can be designated as an accessible exit. (Photo 3)



Photo 4

Stairway (in walkway) - Stairs leading to entrance door nearest Somerset Ave. have handrails on only one side and these are not compliant. (Photo 4)

Walkways - Walkway leading to Main Entrance has excessive width gaps at expansion joints and maintenance issues. (Photo 5)

Parking Area - The parking area is not consistently level and does not contain any clearly marked accessible spaces. It does not provide a level pathway to the school play area.

If this parking lot is used by the public, then at least one van-accessible parking space, with adjacent access aisle that is level in all directions, is required. The striped markings leading to the playground gate is not level in all directions. (Photo 6)



Photo 5



Photo 6



Photo 7

Gates - At the courtyard gate there is a step between the parking lot hardtop and the courtyard walkway.

The gate to the play area does not include a smooth level and slip-resistant ground surface and does not adjoin an accessible route on either side. (Photo 7)

Ramp, exterior route - As mentioned under *Emergency Egress route (rear)*, the rear walkway at cafeteria exit door (#7) should be treated as a ramp with handrails and edge protection installed. (Photo 8)

Recommendations:

Pedestrian Crosswalks, Sidewalks, Curb Ramps - When next streetscape alterations planned, ensure that scope of project includes upgrades surrounding crosswalk, curb ramp and sidewalk accessible route features. The outcome of this work should ensure that at least one accessible route will be provided within the site from accessible parking spaces and accessible passenger loading zones (where provided), and from public streets and sidewalks to the facility's accessible entrance.



Photo 8

Emergency Egress route (rear):

Treat the sloped pathway from exit doors #7 as a ramp, and install accessible ramp handrails, edge protection and level landings.

Extend the pathway from exit door #5 with accessible slopes, levels and maneuvering width so that it overlaps with the existing paved pathway within the courtyard connecting to the gate and to the parking hardtop. Ensure that this continuous pathway has accessible features, including an accessible surface at the gate and an accessible connection and threshold at parking area border.

Stairway (Front entrance)

Provide accessible handrails on both sides of the stairs leading to entrance door nearest Somerset Ave.

Provide Directional Signage at this entrance, notifying visitors where the nearest accessible entrance is located.

Locate the required signage at the inaccessible entrances in such a way that it minimizes backtracking.

Walkways - Maintain facility walkways to be smooth, level and slip-resistant. Where expansion joints are over 1/2" inch wide, caulk and smooth the cracks to provide a continuously level ground surface not exceeding 1:48 cross slopes.

Also see *Emergency Egress route (rear) recommendations*, above.

Parking Area - Regrade the parking area to at least provide an accessible route between facility exit doors and play area to facility gates and adjacent sidewalks. At least one continuous accessible route should connect the rear program areas (courtyard, gates, play area, exit doors) and the front accessible entrance.

If this parking lot is used by the public, regrade and provide at least one accessible parking space with access aisle that is either marked for 132 + 60 inch-wide spaces, with access aisle markings in the 60" column; or, the two spaces can each be 96 inches wide, with one space including access aisle markings. Access aisle should not exceed 1:48 slopes in all directions and be adjoining the nearest accessible route to the accessible front entrance.

Gates - Rebuild the courtyard gate transition as part of the accessible pathway improvements, so that it is level and smooth at the gate threshold and adjoins a level, smooth and slip-resistant route on either side of gate.

Maintain the gate to the play area with a paved, level, smooth and slip-resistant surface. This route should adjoin the accessible circulation routes between facility and play area; and adjoin the play area accessible circulation route(s).

Ramp, exterior route

As mentioned under *Emergency Egress route (rear)*, the rear walkway at cafeteria exit door (#7) should be treated as a ramp with handrails, edge protection, and level top and bottom landings provided.

Signage



Photo 9

Issues:

Signage - Designation Signage at the main office, classrooms, and public toilet rooms, including those used by adults, is missing. Designation signage is also required at non-public doors where the sign is not expected to change over time, such as at the custodial office and staff-only areas. (Photo 9)

Recommendations:

Signage - Designation signage needs to provide accessible designation signage at office, classrooms, public toilet rooms, custodial office doors, staff-only areas and any other permanent rooms and spaces. Mount sign so that tactile characters are between 48"-60" on the latch side of the door and have raised characters duplicated in Braille.

Designation signage has specific ADA compliance regulations- see ADA 705 Signs.

Directional and Informational Signage - Provide accessible designation signage at inaccessible entrance and exit doors alerting users where nearest door is located.

Provide accessible informational signage where facility rules and information about facility spaces is provided.

These signs should have a non-glare finish with characters that have a high contrast to the background. Mount visual signs so that the baseline of the lowest character is between 40"-70". Preferably, the top line of the sign should be readable by people who are both standing and sitting.

Directional and Informational signage has specific ADA compliance regulations- see ADA 705 Signs.

Egress Signage - At all exit doors, provide signs with visual and tactile characters mounted between 48"-60" above the floor on the latch side of the door.

Where the exit door does not lead to an accessible route, provide clear directional signage informing users where the nearest accessible exit is located.

These signs have specific ADA compliance regulations - see ADA 703.1, 703.2, and 703.5.

Where a directional sign is required, it should be located to minimize backtracking. Consider providing directional signage at the beginning of sidewalk connection to inaccessible Main Entrance stairs in addition to sign mounted at inaccessible entrance door. See ADA Advisory 216.6, Entrances.

Access to Programs



Photo 10

Issues:

Exit Doors - require tactile designation signs. (Photo 10)

Classrooms.

- **Doors.** Maneuvering clearance at recessed doorways is inadequate because there is not the necessary clearance at latch sides of doors. (Photo 11)
- **Sinks.** The typical classroom layout includes sinks that have rims too high for accessible children's reach ranges. Sinks also lack adequate toe and knee clearance underneath. (Photo 12)



Photo 11

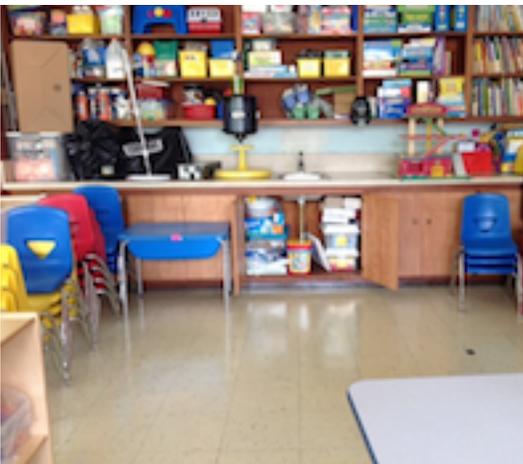


Photo 12



Photo 13

Offices - There should be designation sign on latch side of Office doorways, and a directional sign at the Office bathroom to the nearest accessible bathroom in the corridor. (Photo 13)

Recommendations:

Doors - Where maneuvering clearance at recessed doorways cannot feasibly provide a 32-inch wide minimum doorway frame plus 18 inches clearance on the latch pull side, those classrooms should be considered inaccessible. Provide directional signage at inaccessible classrooms directing visitors to comparable accessible classrooms.

Sinks - Provide at least one fully accessible classroom that includes an accessible sink. Accessible sinks will have the following children's dimensions:

- Knee clearance of 24 inches to floor, minimum, under sink bowl;
 - Toe clearance a minimum 12 inches from floor under sink;
 - Sink counter or rim no higher than 36 inches above floor for ages 3 and 4 and no higher than 40 inches for ages 5 - 8.
-
- The typical accessible classroom layout will also include at least one clear circulation route between the accessible doorway and all program areas, elements and amenities within the room.
 - At least one or 5% coat hooks, sink, safety, shelving and other room amenities that are provided in general will be accessible and adjoin the accessible route(s).

Office - Install accessible designation sign on latch side of office doorway, and install a directional sign at the Office bathroom to the nearest accessible (adult) bathroom in the corridor.

Toilets



Photo 14

Issues:

Public Toilets -

- Although the two sets of Boy's and Girl's rooms have many accessible features, one does not have accessible height appliances and toilet seats, and neither set provides grab bars with accessible children's dimensions. In one, the flush valve is on the wrong side. (Photo 14)
- Pipes under sinks are not insulated. (Photo 15)



Photo 15

Recommendations:

- Mount all appliances in student toilet rooms to children's reach ranges. For ages 3 and 4, the range is between 20 inches minimum and 36 inches maximum above floor. For ages 5 - 8, the range is between 18 - 40 inches above floor.
- At accessible toilet stalls for youngest students, install a water closet with centerline 12 inches from wall, toilet seat height 11 - 12 inches above floor, grab bar heights 18 - 20 inches above floor, and toilet paper dispenser height 14 inches above floor.
- At accessible toilet stalls for students 5 - 8, students, install a water closet with centerline 12-15 inches from wall, toilet seat height 12 - 15 inches above floor, grab bar heights 20 - 205 inches above floor, and toilet paper dispenser height 14 - 17 inches above floor.
- Replace water closet with one that has the flush valve facing the open side in toilet room where flush valve faces wall.
- Remedy malfunctioning self-closing door hinges.
- Provide insulation or coating to pipes under sinks.

Play Area



Photo 16

Issues:

Play Area - A gated school play area less than 1000 SF adjoins the parking lot in rear.

- There is no accessible route between the School building and the outdoors play area.
- The route within the playground connecting the play components does not have level, smooth and slip-resistant surface conditions. (Photo 16)

Recommendations:

Play Area

- Modify existing rear pathways and parking lot surface to provide at least one accessible route between the School building and the outdoors play area elements.
- Replace or refresh ground surface materials under play components to ensure that ground surfaces are stable, firm, and slip resistant, with cross slopes not exceeding 1:48 and run slopes not exceeding 1:16. Ground surfaces should comply with ASTM F 1951; and be inspected and maintained regularly and frequently to ensure continued compliance with ASTM F 1951

Play Area Maneuvering Space. Clear floor or ground spaces, turning spaces, and accessible routes are permitted to overlap within play areas. Where play components include a seat or entry point, designs that provide for an unobstructed transfer from a wheelchair or other mobility device are recommended. This will enhance the ability of children with disabilities to independently use the play component. See ADA Advisory 1008.4.2 Clear Floor or Ground Space.

General Safety Considerations

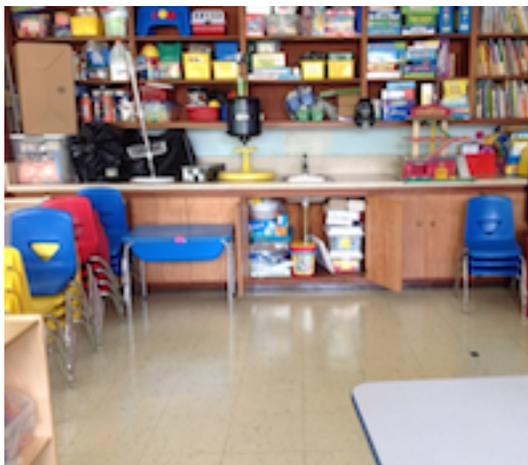


Photo 12

Issues:

Weather Mats and Classroom Area rugs - Mats at entrance and other doors are uniformly not securely fastened to the floor. Classrooms typically have rugs in reading areas and spaces without desks. These unsecured and unbeveled rugs may present tripping hazards for students using canes, walkers or other assistive mobility devices. (Photo 17)

Recommendations:

Emergency Egress Route - Ensure that accessible signage and information is provided to inform everyone, including parents and students with disabilities, of the procedures and plans for evacuating each floor.

Ensure that all staff are aware of evacuation plans.

Walk-off Mats, Classroom Rugs - Use duct tape or double-sided industrial-strength tape to fasten the edges of existing unsecured walk-off mats. Alternatively, purchase walk-off mats that are ADA-compliant. These mats will have reinforced stiff corners, beveled edges, and a low pile and profile.

Walk-off Mats. When planning future renovations, design for recessed walk-off mats wherever possible.



Approach and Entrance

Curb Ramp



Element Curb Ramp **type** **Record #** S7-004
Issues Surface not stable/firm/slip-resistant at curb ramps

Comment On Main Entrance sidewalk, Crosswalk curb ramp has 1 1/2" bottom lip.

Floor Level **Location** front **Room #**



Element Curb Ramp **type** **Record #** S7-002
Issues Curb ramp not provided as part of accessible route

Comment no curb ramp provided. Photo July 30, 2014: streets not completed, perhaps construction still in progress. During September 2014 polling event: Continued inaccessible conditions.

Floor Level **Location** **Room #**



Element Curb Ramp **type** **Record #** S7-001
Issues Does not prevent accumulation of water

Comment Inaccessible Curb ramp + sidewalk after construction:no bottom landing, 2" level change. Top landing: level change 1" . No crosswalk markings

Floor Level **Location** perpendicular to E. crosswalk **Room #**



Element Curb Ramp **type** **Record #** S7-003
Issues Not in operable working condition

Comment Bottom landing 1 1/2 " lip. Different surface materials not level blended.

Floor Level **Location** Entrance crosswalk **Room #**



Element Curb Ramp **type** **Record #** S7-009
Issues Not in operable working condition

Comment Covered by sand- not smooth, level or slip-resistant. Slopes OK.

Floor Level **Location** west **Room #**

Accessible Route/Walkway



Element Accessible Route/Walkway **type** **Record #** S7-008
Issues Not provided from all site arrival points

Comment both curb ramps on corner with School lawn sign (W) not well maintained. Presby court / Somerset Place = ped. route from nearest public transit.

Floor Level **Location** Presby court / Somerset Place **Room #**



Element Accessible Route/Walkway **type** Sidewalk **Record #** S7-005

Issues Not provided from all site arrival points
Surface not stable, firm, and slip-resistant
Cross slope >1:48
Changes in level >1/4"

Comment Sidewalk not level. Cross slopes to 6%
In poor condition

Floor Level **Location** Entrance **Room #**



Element Accessible Route/Walkway **type** Sidewalk **Record #** S7-000

Issues Not provided from all site arrival points
Surface not stable, firm, and slip-resistant
Changes in level >1/4"
Not in operable working condition

Comment Somerset Ave., second street level changes 2". Bottom, no bottom landing, no reciprocal cc sidewalks recently constructed but not level. not leveled within pedestrian zone at driveways

Floor Level **Location** east **Room #**



Element Accessible Route/Walkway **type** **Record #** S7-007

Issues Not provided from all site arrival points
Clear width <36"

Comment Second St. + Summer st.
landing top 33 inches

Floor Level **Location** west crosswalk **Room #**



Element Accessible Route/Walkway **type** Pathway **Record #** S7-006

Issues Changes in level >1/4"

Comment Deteriorated Entrance Walkway

Floor Level **Location** **Room #**



Element Accessible Route/Walkway **type** Pathway **Record #** S7-037

Issues Changes in level >1/4"
Not in operable working condition

Comment Not yet accessible-extend path from "no. 5" door and it can be.

Floor Level **Location** egress near bathroom **Room #**

Gate



Element Gate **type** **Record #** S7-035

Issues Surface not level 1.5"

Comment No accessible egress route from car to parking lot

Floor Level **Location** exit door **Room #**



Ramp (in a Walkway)



Element Ramp (in a Walkway) **type** **Record #** S7-036

Issues Cross slope >1:48 >2 %
Handrails not continuous where required
Edge protection <2" high

Comment no handrails,
no edge protection

Floor Level **Location** Cafeteria egress route **Room #**

Stairway (in a Walkway)



Element Stairway (in a Walkway) **type** **Record #** S7-010

Issues Stairway surface not stable, firm, and slip-resistant
Handrails not continuous where required
Stairs not maintained in operable working condition

Comment W stair entrance may be add'l. primary entrance. Patching leaves gap width 3/4 inch
No Stair Handrail on right. No nosing, no contrast.

Floor Level **Location** **Room #**

Entrance



Element Entrance **type** **Record #** S7-041

Issues Not connected to an accessible route -
If not Accessible - Directional Sign not Provided -
Surface not level -
Surface not stable, firm, and slip-resistant -

Comment No Directional sign. Walkway not smooth, level, slip-resistant.

Floor Level **Location** **Room #**

Access to Goods and Services

Door



Element Door **type** 68 **Record #** S7-012

Issues Does not provide clear width of 32" 22"
Maneuvering clearance(s) not provided at recess

Comment Visual (tactile not required) directions to comparable accessible classroom can be placed on adjacent wall, latch side.

Floor Level **Location** **Room #**



Element Door **type** Classroom or Lab **Record #** S7-034

Issues Maneuvering clearance(s) not provided 4 "

Comment only 4 inches clearance at latch pull side of classroom 5. This should not be considered an accessible classroom. Ensure that ADA / Section 504 policies and practices are in place.

Floor Level **Location** **Room #**



Ramp (Interior)

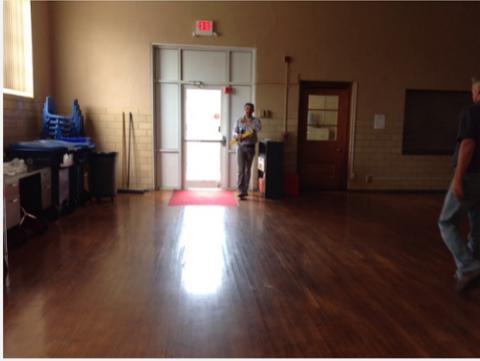


Element Ramp (Interior) **type** **Record #** S7-023
Issues

Comment nurse station, no signage

Floor Level **Location** **Room #**

Interior Route



Element Interior Route **type** **Record #** S7-020
Issues Carpet not securely attached

Comment recreation room, mat not securely fastened

Floor Level **Location** **Room #**



Element Interior Route **type** N/A **Record #** S7-015
Issues Obstructed by protruding objects

Comment 5 1/2 , 42 above floor
no signage, bathrooms,

Floor Level **Location** **Room #**



Element Interior Route **type** **Record #** S7-021
Issues Obstructed by protruding objects 64"

Comment protruding object.
multimedia desk is 24 "

Floor Level **Location** library **Room #**

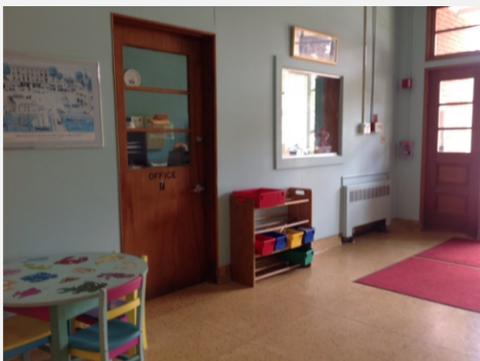


Element Interior Route **type** 196 **Record #** S7-022
Issues Obstructed by protruding objects

Comment desk obstructs route to bookshelf

Floor Level **Location** library **Room #**

Service Counter



Element Service Counter **type** 246 **Record #** S7-013
Issues Surface at counter not stable, firm, and slip-resistant 42"

Comment At both offices in lobby, service windows are 42 inches high and no clear route to approach.
If used for public interactions, then provide signage on how to gain staff assistance.

Floor Level **Location** lobby **Room #**



Assembly Area



Element Assembly Area **type** 246 **Record #** S7-019

Issues

Comment no route to stage. but not currently in use as stage
room used as indoor rec room and backstage now used as teacher record keeping area

Floor Level **Location** assembly area **Room #**

Signage



Element Signage **type** N/A **Record #** S7-016

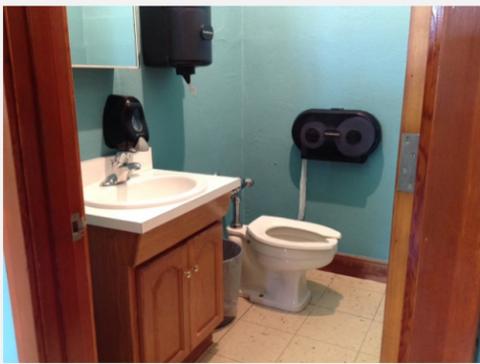
Issues Not provided

Comment Signage needs include: at least 2 Offices, 10 classrooms, 1 library, 1 cafeteria, 4 student toilet rooms, and custodial closets. Signage at exit doors must also be accessible- tactile.

Floor Level **Location** **Room #**

Toilet or Bathing Rooms

Overall Access



Element Overall Access **type** Single-user, **Record #** S7-030

Issues Turning space not provided
Accessible plumbing fixtures or stalls not provided
Accessible Accessories not provided
Visual & visible alarm not provided

Comment Sec'y office bathroom (office 7) is not accessible dimensions. Parents and students occasionally use this toilet room.

Floor Level **Location** secretary office bathroom **Room #**

Lavatory



Element Lavatory **type** 265 **Record #** S7-025

Issues Exposed plumbing underneath

Comment Grab bars at adult height, Toilet at children height. Sink height good
Pipes not insulated, Urinals accessible, Toilets ok

Floor Level **Location** boys room **Room #**



Element Lavatory **type** **Record #** S7-028

Issues Exposed plumbing underneath

Comment exposed pipes

Floor Level **Location** girls room **Room #**



Toilet Compartment



Element Toilet Compartment **type** Wheelchair **Record #** S7-026

Issues Noncompliant side or rear grab bars 33"
Door with malfunctioning self-closing hinge

Comment Grab bars not children's dimension, but toilet seat is. Toilet paper dispenser not within child's reach range (Coat hook not provided) Otherwise good

Floor Level **Location** boys toilet **Room #**



Element Toilet Compartment **type** Wheelchair **Record #** S7-031

Issues Flush controls too high or not properly located
Noncompliant side or rear grab bars
Door with malfunctioning self-closing hinge

Comment near classroom 5. Split rear grab bar design is allowable where infeasibility applies- does it, here? Otherwise, this stall has children's dimensions.

Floor Level **Location** **Room #**



Element Toilet Compartment **type** **Record #** S7-027

Issues Door with malfunctioning self-closing hinge 33"
Flush controls too high or not properly located -
Noncompliant side or rear grab bars -

Comment Flusher wrong side. Grab bars not mounted according to children's accessible dimensions. (No coat hook provided)

Floor Level **Location** girls toilet **Room #**

Additional Access

Residential Kitchens & Kitchenettes



Element Residential Kitchens & Kitchenettes **type** 202 **Record #** S7-029

Issues Toe and knee clearance not provided
Noncompliant appliances

Comment 20 x 30 classroom # 8 near Sec'y. Sink not accessible
Counter height 33". Mats not secured

Floor Level **Location** classrooms **Room #**

Playground



Element Playground **type** **Record #** S7-038

Issues

Comment Play Area for school adjoins route with level changes, excessive cross slopes. Accessible Ground surface not provided to ground play components.

Floor Level **Location** school play area, 14 component **Room #**



Element Playground **type** **Record #** S7-040

Issues

Comment Public play area adjacent to school play area. Entirely inaccessible. 3 benches, 10 components. Not accessible entry, border, slopes.

Floor Level **Location** play area # 2 **Room #**

Martin Middle School



Location: 131 Caswell Street

Year Built: 1972

Martin Middle School serves approximately 675 students in grades 5 - 7.

The school has approximately 60 classrooms. The first floor includes the sixth grade classrooms, cafeteria and auditorium. Fifth and seventh grades are located on the second floor. There are boys and girls toilet rooms on both floors of the building and in the locker rooms.

Signage



Photo 1



Photo 2

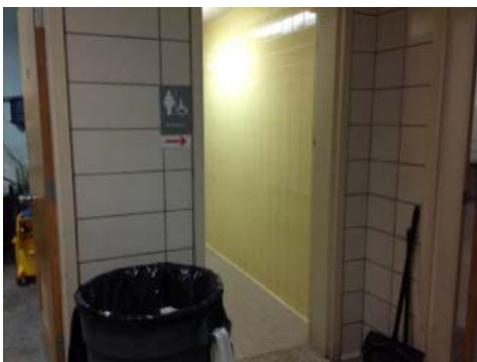


Photo 3 – 1st Floor girls Toilet Room

Issues:

Designation Signs - Signs to permanent rooms and spaces do not meet requirements for raised characters and Braille. In addition, signs are not located at the latch side of doors as required. (Photo 1 and 2)

Directional Signs – Signs indicating the location of accessible toilet rooms did not comply with the requirements. (Photo 3)

Recommendations:

Signage - Provide ADA-compliant designation room signage at all permanent rooms, areas and spaces, including non-public areas such as custodial rooms and machine rooms. These signs should meet the requirements of the ADA Standards for raised characters, visual characters, and pictograms; accompanied by Grade 2 Braille. Tactile signs shall be mounted between 48 and 60 inches high on the wall adjacent to the latch side of the door or on the nearest adjacent wall (except that signs can be mounted on the inactive leaf of a double door or on the push side of doors with closers and without hold-open devices). Signs should be located so that a clear floor space of at least 18 inches by 18 inches, centered on the tactile characters, is provided beyond the arc of any door's swing between the closed and 45 degrees open positions.

Directional Signs - Provide accessible directional signage with the International Symbol of Accessibility at inaccessible toilet rooms indicating the location of the nearest accessible toilet room, and provide accessible signage with the International Symbol of Accessibility at all accessible toilet rooms..

Doors



Photo 4



Photo 5



Photo 6

Issues:

Doors' Clear Width – Some doors did not provide the 32" minimum clear width. (Photo 4)

Doors Hardware – Some doors to classrooms have hardware that requires grasping, pinching or twisting of the wrist. (Photo 5)

Doors Maneuvering Clearance – Maneuvering clearance at some classroom doors was inaccessible due to furniture placement and/or recess. Furthermore, some doors did not provide the required maneuvering clearance on the pull side. (Photo 6)

Recommendations:

Doors Clear Width – All doors should provide a clear width of 32" minimum. When having double-leaf doors at least one of the active leaves should have a clear of 32" minimum opening width.

Doors Hardware – Replace door knobs with door hardware mounted between 34 and 48 inches high, that is operable with one hand and does not require tight grasping, pinching, or twisting of the wrist and requires no more than 5 pounds of force to operate. Lever-operated mechanisms, push-type mechanisms, and U-shaped handles are acceptable designs.

Doors Maneuvering Clearance – An 18-inch minimal maneuvering clearance must be provided at latch side of doors on the pull side.

Interior Routes



Photo 7 – Main Entrance

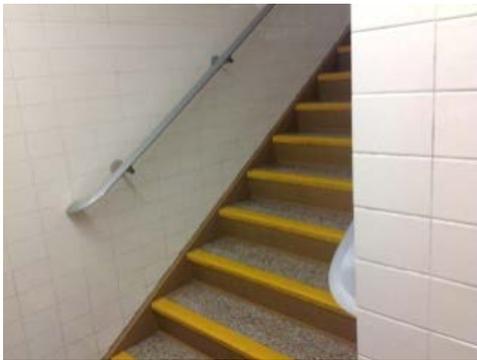


Photo 8 – Girls Locker Room

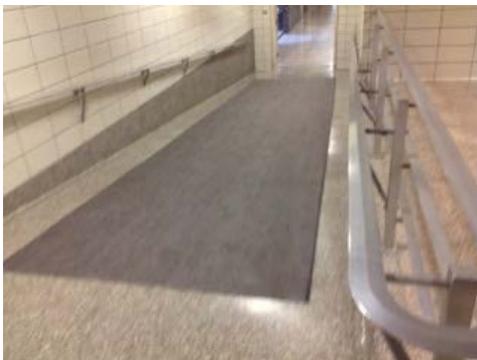


Photo 9 - Corridor

Issues:

Carpet - Carpets along corridors were not securely attached. (Photo 7)

Handrails at Stairs – Handrails at stairs did not provide the required extension at top and bottom. (Photo 8)

Ramp – The ramp leading to auditorium, gym and locker room has a running slope of 11.1%, which is higher than the 8.3% maximum allowable slope. (Photo 9)

Elevator – Elevator does not provide the required Braille information or the audible signal. (Photo 10)

Protruding Objects - Objects such as fire extinguishers along corridors were found to protrude into the circulation path. (Photo 11)

Recommendations:

Carpets - Securely attach carpets located along accessible routes to prevent tripping hazards.

Handrails at Stairs – Provide handrails on both sides of the stairs that extend at least 12 inches beyond the top and bottom of the ramp parallel with the ground surface; extensions shall return to the wall, guard, or landing surface

Ramp – When planning future renovations, include modifications to this ramp to ensure that the maximum running slope does not exceed 8.3%.

Elevator – Provide signage with raised and Braille floor designations on both jambs of hoistway entrances, mounted between 48 and 60 inches high, with



Photo 10 - Elevator

characters at least 2 inches tall. Provide a tactile star on both jambs at the main entry level.

Protruding Objects – Unless protected by a cane detectable barrier, wall-mounted objects with their leading edges between 27 inches and 80 inches high should not protrude into circulation paths more than 4 inches. Therefore, relocate protruding objects, where possible, so they do not interfere with the circulation path. If unable to relocate, provide a cane-detectable barrier under the object.



Photo 11 – Girls Locker Room

Toilet Rooms



Photo 12 – 1st Floor Girls Toilet Room



Photo 13 – 1st Floor Girls Toilet Room



Photo 14 – 1st Floor Boys Locker Room/Gym

Issues

Lavatory Knee and Toe Clearance – Lavatories in both boys and girls toilet rooms did not provide the necessary clear floor space to allow for forward approach. (Photos 12 and 13)

Pipes – Lavatories in both boys and girls toilet rooms did not have wrapped pipes under the lavatory as required. (Photo 14)

Grab Bars – The accessible wheelchair compartment does not provide a side grab bar that is at least 42 inches long. In some instances, the side or rear wall grab bar was not provided. (Photo 15)

Urinals - Urinals were mounted at 24" above finish floor exceeding the maximum 17" allowed. (Photo 16)

Recommendations:

Lavatory Knee and Toe Clearance – Provide at least one lavatory with knee and toe clearance positioned for a forward approach.

Pipes - Provide at least one lavatory with pipes that are insulated or otherwise configured to protect against contact with a seated user's legs. Further, establish a regular schedule for checking pipe wrapping or replacement.

Grab Bars – Ensure that the accessible wheelchair compartment provides ADA-compliant side and rear wall grab bars. The side grab bar should be at least 42 inches in overall length, with the far end mounted at



Photo 15 – 2nd Floor Girls Toilet Room



Photo 16 – 1st Floor Girls Toilet Room



Photo 17 – 2nd Floor Boys Toilet Room

least 54 inches from the rear wall, and with the closer end no more than 12 inches from the rear wall. The rear grab bar should be least 36 inches long (except where wall space does not permit it due to the location of a recessed fixture, in which case the grab bar may be 24 inches long), extending 12 inches from the toilet centerline on one side and 24 inches on the other side.

Urinals - Lower at least one urinal in each of the boy's toilet rooms so rim is no higher than 17" above the finish floor or install floor-mounted urinals. Ensure that urinals located in stalls have a clear floor space of 30" by 48" centered at the urinal.

Work Surface



Photo 18 – 1st Floor Library

Issues:

Service Counter – The counter at the library was found to be higher than the minimum requirement. (Photo 18)

Work Surfaces - Computer tables and work surfaces were lower than the minimum requirement; therefore, the knee clearance required for forward approach and use was not provided. (Photo 19 and 20)



Photo 19 – 1st Floor Library

Recommendations:

Service Counter – Provide an accessible portion of the service counter that is not higher than 36 inches above the floor and provides at least 36 inches length (unless the entire counter is less than 36 inches high), with an adjacent clear floor space positioned for a parallel approach. Alternatively, provide a lower auxiliary table on an accessible route adjacent to library counter that is no higher than 36 inches above floor.



Photo 20 – 2nd Floor Science Lab

Work Surfaces Provide at least 5% (but no fewer than 1) of work surfaces within the same area to be available for use by people with mobility disabilities. Each accessible work surface should be on an accessible route with clear floor space 30 inches wide by 48 inches deep positioned for a forward approach; with knee clearance at least 27 inches high at the front; and with a work surface between 28 inches and 34 inches high.

Drinking Fountains



Photo 21 – 1st Floor Corridor



Photo 22 – 1st Floor Corridor



Photo 23 – Boys Locker Room

Issues:

Clear Floor Space – Drinking fountains did not provide the knee and toe clearance position for a forward approach and the minimum width required for a person using a wheelchair. (Photo 21, 22 and 23)

Recommendations:

Clear Floor Space – Provide at least one drinking fountain on each floor and within the locker rooms with a clear floor space of at least 30 inches by 48 inches (36 inches by 48 inches if the unit is in an alcove more than 24 inches deep) positioned for a forward approach and centered on the unit. Knee and toe clearance is at least 17 inches deep and 27 inches high.

Auditorium



Photo 24 - Auditorium

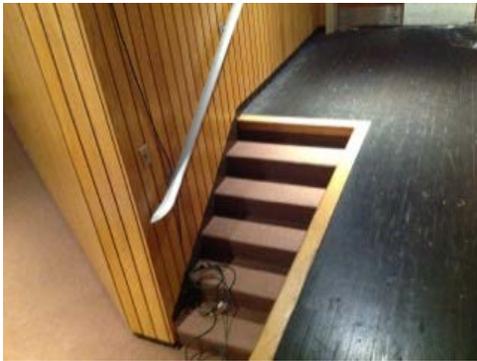


Photo 25 – Auditorium

Locker Room Amenities- Benches and Lockers



Photo 26 - Bench, Lockers

Issues:

Bench – There are no benches in the locker that include a back support.

Locker (Storage) -There are no lockers provided along a route that is at least 36 inches wide and that have operable parts that can be operated with one hand and that do not require tight grasping, pinching and turning of the wrist to operate.

Recommendations:

Bench – Provide a bench with a seat at least 42 inches long and between 20 and 24 inches deep that provides back support (or is affixed to a wall) that is at least 42 inches long, is no more than 21 inches horizontally from the rear edge of the seat, and extends from no more than 2 inches to at least 18 inches above the seat. The top of the seat should be between 17 - 19 inches high. There should also be clear floor space within the bench area for integrated wheelchair seating.

Locker (Storage) - Provide at least one of each type of storage (including coat hooks where provided) that are along an accessible route at least 36 inches wide, and that have operable parts that can be operated with one hand and do not require tight grasping, pinching, or twisting of the wrist.

Outdoor Areas



Photo 27

Issues:

Ramp – Existing ramp to outdoor areas lacks compliant top and bottom landings. Between ramp and surrounding surface, there are excessive width gaps instead of a flush transition. (Photo 27)

Stairs - Stairs lack handrails on both sides and portions of handrails are rusty. Handrails that are provided are too high. (Photo 28)



Photo 28

Accessible Route - There is no accessible route provided to the boundaries of playing areas at the fields, both sides of the court, and to team dugouts because the surface is not continuously stable, firm and slip-resistant and at least 36 inches wide. (Photos 29 - 32)

Team Seating - There is no accessible seating within the dugouts because there is not at least a 30 by 48 inch clear seating area adjacent to the team bench that is along an accessible route and that has a stable, firm and slip-resistant surface with a level cross slope. (Photo 31)



Photo 29

Recommendations:

Ramp – Provide an ADA-compliant ramp with handrails and edge protection that connects between an accessible school entrance or exit to at least one accessible route adjoining each area, element and feature, including both team dugouts. Ensure that the ramp and approaches are designed so that water will not accumulate on walking surfaces.

Stairs - Provide handrails on both sides of the stairs that extend at least 12 inches beyond the top riser and at least the depth of one tread beyond the bottom riser and that are free of sharp or abrasive elements. Handrails should be mounted at a consistent height



Photo 30 - between 2 fields

between 34 inches and 38 inches above the ramp surface.

Accessible Route - Provide at least one accessible route between accessible entrance or exit school facility doors to the boundaries of playing areas at the fields, both sides of the court, and to team dugouts that is: Continuously stable, firm and slip-resistant; is at least 36 inches wide; has walkway cross slopes that do not exceed 1:48; has walkway run slopes that do not exceed 1:20; and that connects with accessible integrated seating spaces so that it is flush and with no width gaps over 1/2 inch.

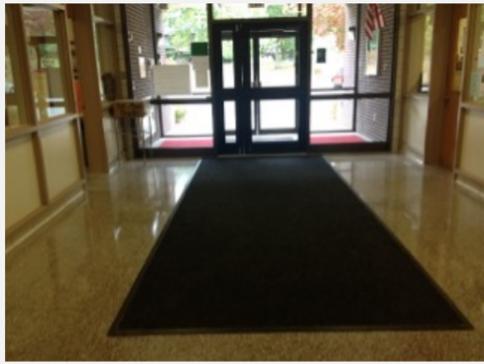


Photo 31 - Team Seating

Team Seating -- Provide at least one wheelchair space in team or player seating areas serving areas of sport activity.



Photo 32 - Courts



Element Entrance **type** Main entrance **Record #** S6-002
Issues Carpet not securely attached -

Comment

Floor Level 1 **Location** Lobby **Room #**



Element Door **type** Office **Record #** S6-003
Issues Hardware inoperable -

Comment same for main office 109

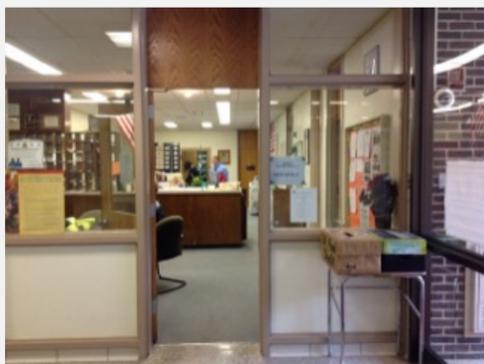
Floor Level 1 **Location** **Room #** 107



Element Signage **type** **Record #** S6-004
Issues Provided, misplaced -
 Provided, non-compliant

Comment

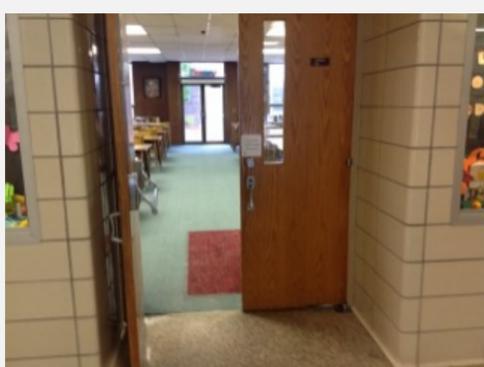
Floor Level 1 **Location** Guidance Room **Room #** 107



Element Signage **type** **Record #** S6-005
Issues Provided, non-compliant -
 Provided, misplaced

Comment

Floor Level 1 **Location** Main Office **Room #** 109



Element Signage **type** **Record #** S6-006
Issues Provided, misplaced 67
 Provided, non-compliant
 Centerline > 60" above ground
 Missing or non-compliant ISA

Comment

Floor Level 1 **Location** Library **Room #** 106



Element Door **type** Classroom or Lab **Record #** S6-007
Issues At least one leaf is non-compliant 21

Comment

Floor Level 1 **Location** Library **Room #** 106



Element Dining or Work Surface **type**

Issues Toe or knee clearance at tables not provided 25 **Record #** S6-008

Comment

Floor Level 1 **Location** Library **Room #** 106



Element Service Counter **type**

Issues Counter >36" high 39"
Parallel approach - surface <36" long **Record #** S6-009

Comment

Floor Level 1 **Location** Library **Room #** 106



Element Interior Route **type**

Issues Carpet not securely attached - **Record #** S6-010

Comment

Floor Level 1 **Location** Library **Room #** 106

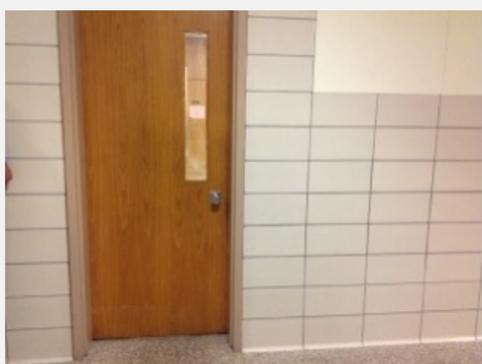


Element Signage **type**

Issues Provided, misplaced 67
Provided, non-compliant
Centerline > 60" above ground **Record #** S6-011

Comment

Floor Level 1 **Location** Student Activity Room **Room #** 110



Element Door **type**

Issues Hardware inoperable - **Record #** S6-012

Comment 11 doors

Floor Level 1 **Location** **Room #** 110



Element Elevator **type** Passenger

Issues Elevator call buttons >42" 52.5"
Hoistway signs <> 60" to centerline
Audible and visible indicators not provided **Record #** S6-013

Comment audible

Floor Level 1 **Location** **Room #** 110



Element Elevator **type** Passenger **Record #** S6-014

Issues Emergency communication systems >48" 52.5"
Elevator car control >48"

Comment Braille not on buttons

Floor Level 1 **Location** **Room #** 110



Element Signage **type** **Record #** S6-015

Issues Centerline > 60" above ground 57.5"

Comment

Floor Level 1 **Location** Girls Toilet Room **Room #** 110



Element Door **type** Toilet Room **Record #** S6-016

Issues Door requires >5 pounds of force to open 15

Comment

Floor Level 1 **Location** Girls Toilet Room **Room #**

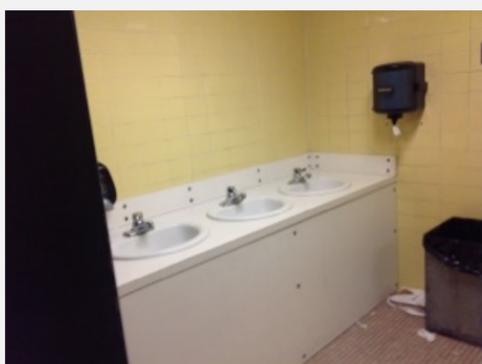


Element Toilet Compartment **type** Wheelchair **Record #** S6-017

Issues Non-compliant side or rear grab bars 55"
Coat hook > 48"

Comment

Floor Level 1 **Location** Girls Toilet Room **Room #**



Element Lavatory **type** Other **Record #** S6-018

Issues Toe or knee clearances not provided -
Clear floor space not provided at lavatory

Comment

Floor Level 1 **Location** Girls Toilet Room **Room #**

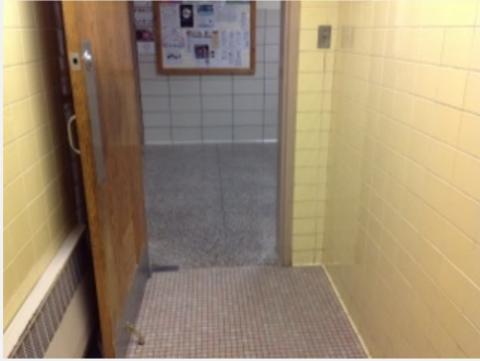


Element Interior Route **type** **Record #** S6-019

Issues Obstructed by protruding objects -

Comment 9.5" 34" high

Floor Level 1 **Location** Girls Toilet Room **Room #**



Element Door **type** Toilet Room **Record #** S6-020
Issues Maneuvering clearance(s) not provided 9.5"

Comment

Floor Level 1 **Location** Girls Toilet Room **Room #**



Element Overall Access **type** Single-user, **Record #** S6-021
Issues Turning space not provided -
 Accessible plumbing fixtures or stalls not provided

Comment 2 in nurse's

Floor Level 1 **Location** Nurse's Room **Room #** 111a



Element Lavatory **type** Other **Record #** S6-022
Issues Clear floor space not provided at lavatory -
 Toe or knee clearances not provided
 Exposed plumbing underneath
 Mirror above lavatory w/ reflective surface > 40"

Comment

Floor Level 1 **Location** Nurse's Room **Room #** 111a



Element Door **type** Toilet Room **Record #** S6-023
Issues Does not provide clear width of 32" 27"
 Smooth surface not provided at bottom 10"
 Hardware inoperable

Comment

Floor Level 1 **Location** Nurse's Room **Room #** 111a



Element Drinking Fountain **type** Single, high **Record #** S6-024
Issues Clear floor space not provided at drinking fountain 41"
 Spout > 36" height

Comment

Floor Level 1 **Location** Corridor **Room #** 111a



Element Interior Route **type** N/A **Record #** S6-025
Issues Surface not stable, firm, and slip-resistant -

Comment close to room 113

Floor Level 1 **Location** **Room #**



Element Door **type** Classroom or Lab **Record #** S6-026

Issues Hardware inoperable -

Comment 5 classroom doors similar

Floor Level 1 **Location** Classroom **Room #** 117

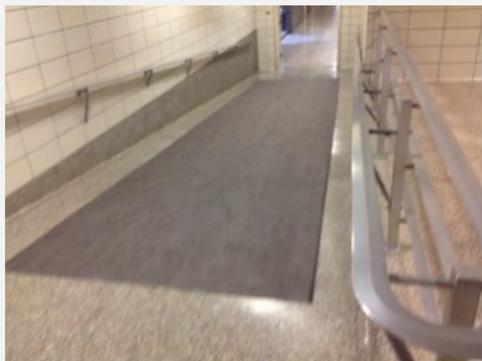


Element Storage **type** - **Record #** S6-027

Issues Storage hardware non-compliant -

Comment non compliant

Floor Level 1 **Location** **Room #** corridor



Element Ramp (Interior) **type** Straight **Record #** S6-028

Issues Indoor ramp surface not stable, firm, and slip-resistant 11.1
Handrails do not extend 12" past top & bottom
Running slope >1:12
Landing length <60"

Comment 11.9-10

Floor Level 1 **Location** **Room #** corridor



Element Toilet Compartment **type** Wheelchair **Record #** S6-029

Issues Non-compliant side or rear grab bars -

Comment

Floor Level 1 **Location** Boys Toilet Room **Room #**



Element Urinal **type** Wall-hung **Record #** S6-030

Issues Rim > 17" height 24"
Flush controls too high or not properly located

Comment

Floor Level 1 **Location** Boys Toilet Room **Room #**



Element Lavatory **type** Other **Record #** S6-031

Issues Exposed plumbing underneath 41"
Mirror above lavatory w/ reflective surface > 40"

Comment

Floor Level 1 **Location** Boys Locker Room **Room #** 401a



Element Signage **type** **Record #** S6-032

Issues Sign not provided on the latch side of the door
Missing or non-compliant ISA

Comment same issue for boys toilet room

Floor Level 1 **Location** Girls Toilet Room **Room #** 401c

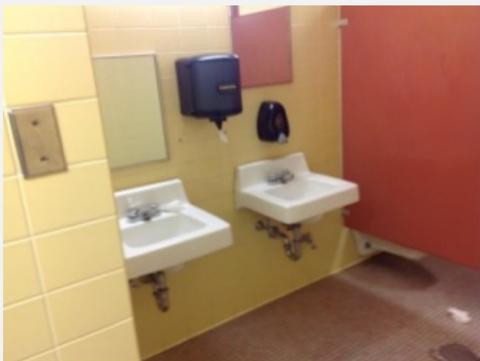


Element Toilet Compartment **type** Wheelchair **Record #** S6-033

Issues Non-compliant side or rear grab bars
Flush controls too high or not properly located

Comment

Floor Level 1 **Location** Girls Toilet Room **Room #** 401c



Element Lockers **type** 272 **Record #** S6-034

Issues -

Comment

Floor Level 1 **Location** Girls Toilet Room **Room #** 401c



Element Signage **type** **Record #** S6-035

Issues Provided, misplaced
Provided, non-compliant

Comment

Floor Level 1 **Location** **Room #** 403b



Element Overall Access **type** Locker room, **Record #** S6-036

Issues Accessible plumbing fixtures or stalls not provided -

Comment 48 changing areas, non accessible

Floor Level 1 **Location** Girls Locker Room **Room #** 403b



Element Overall Access **type** Locker room, **Record #** S6-037

Issues Accessible plumbing fixtures or stalls not provided -

Comment

Floor Level 1 **Location** Girls Locker Room **Room #** 403b



Element Lavatory **type** **Record #** S6-038
Issues Toe or knee clearances not provided 26"

Comment

Floor Level 1 **Location** Girls Toilet Room **Room #** 403b



Element Interior Route **type** **Record #** S6-039
Issues Obstructed by protruding objects -

Comment 6.5, 34" high

Floor Level 1 **Location** girls locker room **Room #** 403b



Element Stairway (Interior) **type** Interior **Record #** S6-040
Issues Handrails do not extend 12" from stairs -

Comment

Floor Level 1 **Location** Girls Locker Room **Room #** 403b



Element Bench **type** N/A **Record #** S6-041
Issues Back support not provided -

Comment

Floor Level 1 **Location** Boys Locker Room/Gym **Room #**



Element Overall Access **type** Multi-user, men's **Record #** S6-042
Issues Accessible plumbing fixtures or stalls not provided -

Comment 2 stalls

Floor Level 1 **Location** Boys Locker Room/Gym **Room #**



Element Urinal **type** Stall-type **Record #** S6-043
Issues Rim > 17" height 24"
 Flush controls too high or not properly located

Comment

Floor Level 1 **Location** Boys Locker Room/Gym **Room #**



Element Lavatory **type** **Record #** S6-044
Issues Exposed plumbing underneath -

Comment

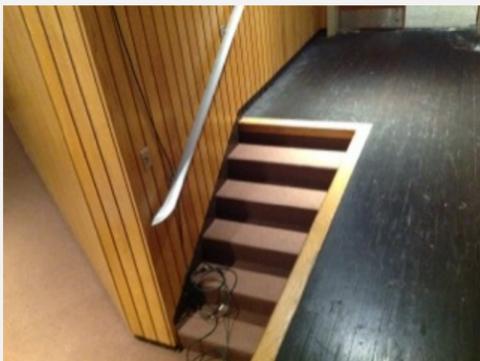
Floor Level 1 **Location** Boys Locker Room/Gym **Room #**



Element Drinking Fountain **type** Vintage **Record #** S6-045
Issues Clear floor space not provided at drinking fountain -

Comment

Floor Level 1 **Location** Boys Locker Room/Gym **Room #**



Element Stairway (Interior) **type** Interior **Record #** S6-046
Issues Handrails have non-compliant cross section
 Handrails do not extend 12" from stairs -

Comment missing handrail

Floor Level 1 **Location** Auditorium **Room #**



Element Assembly Area **type** N/A **Record #** S6-047
Issues Wheelchair seats overlap circulation paths
 Dispersion not provided
 Number of designated wheelchair spaces 22"

Comment 2 accessible seats in front, not wide enough

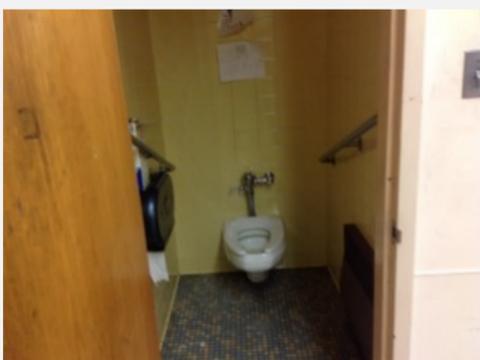
Floor Level 1 **Location** Auditorium **Room #** 305a



Element Door **type** **Record #** S6-048
Issues Maneuvering clearance(s) not provided -

Comment

Floor Level 1 **Location** Special Ed Room **Room #** 121a



Element Overall Access **type** Single-user, **Record #** S6-049
Issues Turning space not provided
 Accessible plumbing fixtures or stalls not provided

Comment Inside the Special Ed room

Floor Level 1 **Location** Toilet Room **Room #** 121c



Element Signage **type** **Record #** S6-050

Issues Sign not provided on the latch side of the door 67.5"
 Provided, non-compliant
 Provided, misplaced
 Centerline > 60" above ground

Comment

Floor Level 1 **Location** Special Ed Room **Room #** 121d



Element Overall Access **type** Single-user, **Record #** S6-051

Issues Turning space not provided -
 Accessible plumbing fixtures or stalls not provided
 Clear floor space not provided in toilet room

Comment Inside the Special Ed room -2 boys, 2 girls

Floor Level 1 **Location** Toilet Room **Room #** 121d



Element Sink **type** Other **Record #** S6-052

Issues Clear floor space not provided at sink 36"
 Toe and Knee Clearances not provided
 Rim or counter > 34"
 Non-compliant faucets

Comment

Floor Level 1 **Location** Special Ed Room **Room #** 121a

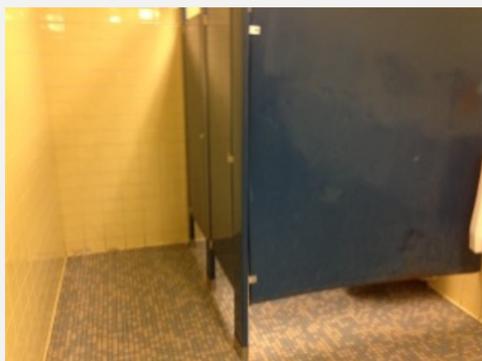


Element Signage **type** **Record #** S6-053

Issues Centerline > 60" above ground 67.5"
 Provided, misplaced
 Sign not provided on the latch side of the door
 Provided, non-compliant

Comment

Floor Level 1 **Location** Cafeteria **Room #** 129



Element Overall Access **type** Multi-user, men's **Record #** S6-054

Issues Accessible plumbing fixtures or stalls not provided -

Comment 2 stalls

Floor Level 1 **Location** boys **Room #** 124a

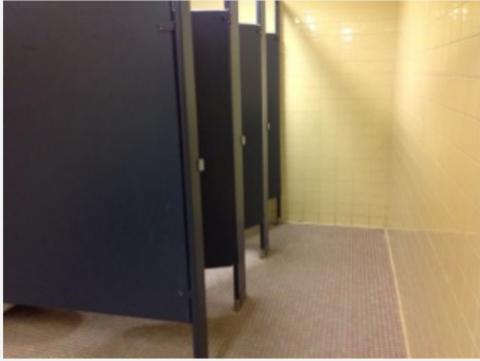


Element Urinal **type** Wall-hung **Record #** S6-055

Issues Rim > 17" height 20"

Comment 4 urinals, no clearance at entry door

Floor Level 1 **Location** Boys Toilet Room **Room #** 124a



Element Overall Access **type** Multi-user, **Record #** S6-056
Issues Accessible plumbing fixtures or stalls not provided -

Comment 3 stalls

Floor Level 1 **Location** Girls Toilet Room **Room #** 124c



Element Lavatory **type** **Record #** S6-057
Issues Toe or knee clearances not provided 26.5

Comment

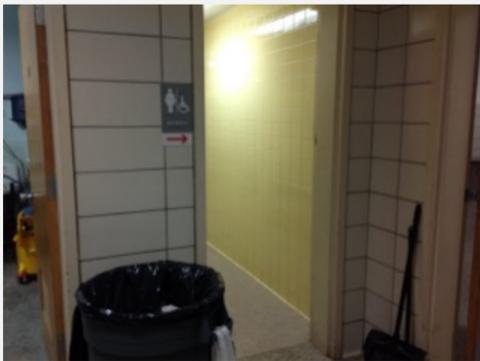
Floor Level 1 **Location** Girls Toilet Room **Room #** 124c



Element Drinking Fountain **type** Single, high **Record #** S6-058
Issues Clear floor space not provided at drinking fountain 26"

Comment same on 2nd floor

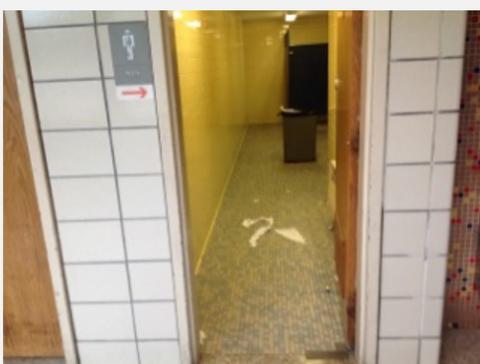
Floor Level 1 **Location** Corridor **Room #** 124c



Element Signage **type** N/A **Record #** S6-059
Issues Tactile characters < 48" or > 60" above ground

Comment same on 2nd floor

Floor Level 1 **Location** Girls Toilet Room **Room #** 124c



Element Signage **type** **Record #** S6-060
Issues Provided, non-compliant -

Comment same as 1st fl, sink is different

Floor Level 2 **Location** Boys Toilet Room **Room #**



Element Dining or Work Surface **type** Work surface **Record #** S6-061
Issues Top of dining surfaces <28" or >34" 25
 At least one or 5% accessible not provided

Comment

Floor Level 2 **Location** Science Lab **Room #** 220



Element Sink **type** Other **Record #** S6-062

Issues Toe and Knee Clearances not provided
Rim or counter > 34" 37.5

Comment 6 sinks, same as 218, 214

Floor Level 2 **Location** Lab **Room #** 220



Element Toilet Compartment **type** Wheelchair **Record #** S6-063

Issues Non-compliant side or rear grab bars
Non-compliant toilet paper dispenser -

Comment

Floor Level 2 **Location** Boys Toilet Room **Room #**



Element Urinal **type** Wall-hung **Record #** S6-064

Issues Rim > 17" height
Flush controls too high or not properly located 24

Comment

Floor Level 2 **Location** Boys Toilet Room **Room #**



Element Lavatory **type** **Record #** S6-065

Issues Toe or knee clearances not provided
Clear floor space not provided at lavatory -

Comment

Floor Level 2 **Location** Girls Toilet Room **Room #**



Element Toilet Compartment **type** Wheelchair **Record #** S6-066

Issues Non-compliant toilet paper dispenser -

Comment 1 stall 1 access

Floor Level 2 **Location** Girls Toilet Room **Room #**



Element Entrance **type** Main entrance **Record #** S6-067

Issues

Comment

Floor Level **Location** **Room #**



Element Accessible Route/Walkway **type** Pathway **Record #** S6-068
Issues Not provided from all site arrival points 6"

Comment gym exit by ball fields
6" high cement slab

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** **Record #** S6-069
Issues Not provided from all site arrival points 6" cement

Comment locker room exit
6". cement base to 10 steps

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** **Record #** S6-070
Issues

Comment locker room exit slab has 6" step before full steps
railing at platform before steps 42" high

Floor Level 1 **Location** **Room #** corridor



Element Entrance **type** Stepped entrance **Record #** S6-071
Issues Not in operable working condition (Incl. opener)

Comment threshold at locker room exit has crack and, while beveled, is about 1" high

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** **Record #** S6-072
Issues

Comment no external hardware on locker exit door. How is it opened from the outside?

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** **Record #** S6-073
Issues

Comment no external hardware on gym exit door. How is it opened from the outside?

Floor Level 1 **Location** **Room #** corridor



Element Stairway (in a Walkway) **type** N/A **Record #** S6-074

Issues Stairway surface not stable, firm, and slip-resistant
Handrail height <34" or >38"
Handrails do not extend 12" from stairs
Stairs not maintained in operable working condition

Comment Handrails are 32" AFF

Floor Level 1 **Location** **Room #** corridor



Element Stairway (in a Walkway) **type** N/A **Record #** S6-075

Issues Handrails do not extend 12" from stairs

Comment hand rails at top of stars
the taller rusty looking railing is 43" high

Floor Level 1 **Location** **Room #** corridor



Element Off-Street Parking Spaces **type** Guest / Visitor **Record #** S6-076

Issues Not in operable working condition

Comment parking lot not striped, no accessible parking indicated

Floor Level 1 **Location** **Room #** corridor

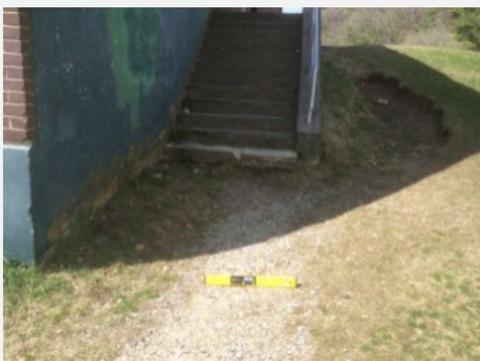


Element Accessible Route/Walkway **type** **Record #** S6-077

Issues Running slope >1:20 28.9

Comment running slope of grass hill to fields 28.9%
main slope of hill is about 30 feet long

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** **Record #** S6-078

Issues Cross slope >1:48 6.6

Comment steps transition to gravel with 6.6% cross slope
even in gravel, running slope about 10 %

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** Pathway **Record #** S6-079

Issues Not provided from all site arrival points

Comment Accessible route not provide at 3rd base line bench at first ball field
30% running slope

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** **Record #** S6-080

Issues

Comment 3rd base bench width to side fence 36"
width to front of fence is 46"

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** **Record #** S6-081

Issues

Comment 3rd base bench 18.5" high, 11" deep and about 15 feet long

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** Pathway **Record #** S6-082

Issues Running slope >1:20
Cross slope >1:48 6.5%

Comment path to tennis court
Cross slope is 3.1%

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** **Record #** S6-083

Issues

Comment door E06 at top of stairs near accessible parking on way to old tennis courts

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** Plaza / open **Record #** S6-084

Issues Obstructed by openings
Not in operable working condition 1"

Comment E06 door landing 0.2 and 0.4 slopes, but 1" expansion gap in sidewalk / cement

Floor Level 1 **Location** Secondary Entrance **Room #** corridor



Element Stairway (in a Walkway) **type** N/A **Record #** S6-085

Issues Handrail height <34" or >38" 41"

Comment steps near E06 towards ball field 1, 3rd base bench
rusty rail 41", silver rail 33" high

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** **Record #** S6-086
Issues

Comment door at base of E06 stairs, cement landing is 2.5" high

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** **Record #** S6-087
Issues

Comment accessible parking, done by others, there is a curb cut to a cement sidewalk, to an old ramp by the abandoned tennis courts to a paved path down to the ball fields, but no path from here to

Floor Level 1 **Location** **Room #** corridor



Element Ramp (in a Walkway) **type** U-shaped **Record #** S6-088
Issues Running slope at ramp >1:12 9.4%

Comment Running slope is 9.4% when approaching the ramp.

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** Pathway **Record #** S6-089
Issues Not in operable working condition -

Comment abandoned tennis courts on path from ramp to first ball field, 3rd base side

Floor Level 1 **Location** **Room #** corridor



Element Ramp (in a Walkway) **type** U-shaped **Record #** S6-090
Issues Not in operable working condition -

Comment

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** Pathway **Record #** S6-091
Issues Not provided from all site arrival points -

Comment path from ramp to tar bath terminates in grass at 3rd base side of field 1, no access. rout from there up hill to other parking and locker doors.

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** Pathway **Record #** S6-092
Issues Not provided from all site arrival points -

Comment ball field 1 first base bench

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** **Record #** S6-093
Issues

Comment distance / length of fence protection from end of bench to end of fence is 30". As best practice consider extending the fence to 36"

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** **Record #** S6-094
Issues

Comment first base bench, field 1 is 23" high, 11" deep and 15 feet long. As best practice consider providing a 19" bench high.

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** Pathway **Record #** S6-095
Issues Not in operable working condition -

Comment note - back to 3rd base bench field 1, one end obstructed by branches, 42" width bench to fence facing pitching mound

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** **Record #** S6-096
Issues

Comment view from field 1 towards field 2

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** Pathway **Record #** S6-097
Issues Surface not stable, firm, and slip-resistant -

Comment field 2 has bench only on 3rd base side

Floor Level 1 **Location** **Room #** corridor



Element Entrance **type** Stepped entrance **Record #** S6-098
Issues Hardware inoperable -

Comment Door has 1" cement step and 7" AFF to threshold. might be for concessions, tickets or just equipment storage

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** **Record #** S6-099
Issues

Comment If the facing drops down for access to equipment, concessions or tickets, base of opening appears to be about 43", but not sure how used or if ever opened.

Floor Level 1 **Location** **Room #** corridor



Element Accessible Route/Walkway **type** Pathway **Record #** S6-100
Issues Not in operable working condition -

Comment view from shed down road to locker room side parking lot.

Floor Level 1 **Location** **Room #** corridor



Element Ramp (in a Walkway) **type** U-shaped **Record #** S6-101
Issues Not in operable working condition -

Comment 1.75" gap at lower ramp landing to ramp expansion joint

Floor Level 1 **Location** **Room #** corridor

Mulcahey Elementary School



Location: 24 Clifford Street

Year Built: 1952

A part of Taunton Public Schools, Mulcahey Elementary School serves students from kindergarten through Fourth grade.

Mulcahey is a two-floor building; the first floor is home to the kindergarten and second grade classrooms.

There is also one Title I classroom on this floor.

The second floor has third and fourth grade classrooms and the library. There are two Title I and a bilingual classroom on the second floor.

There are boy's and girl's toilet rooms on both floors.

Signage



Photo 1 – 1st Floor, Boy's Toilet Room



Photo 2 – 2nd Floor, Library

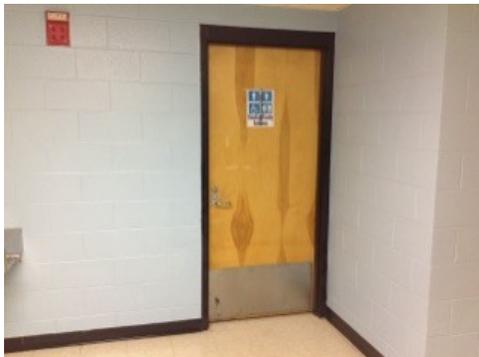


Photo 3 – 1st Floor, Accessible Toilet Room

Issues:

Signage – Signs to permanent rooms and spaces do not meet requirements for raised characters and Braille. In addition, signs are not located at the latch side of doors as required. (Photo 1, 2 and 3)

Recommendations:

Signage – Install signs alongside all doors to permanent rooms and spaces. In general, accessible signs must be mounted between 48" – 60" on the latch side of the door and must have raised letters and numerals; use sans serif type and Braille. Typeface must be clear, with maximum contrasting colors. The surface of the sign should have a non-reflective or other non-glossy finish.

Doors



Photo 4 – 1st Floor Cafeteria



Photo 5 – 1st Floor, Speech Room



Photo 6 – 1st Floor, Classroom 2

Issue:

Door Clear Width – Some doors did not provide the 32” minimum clear width. (Photo 4)

Doors Hardware – Doors to classrooms and toilet rooms have hardware that requires grasping, pinching or twisting of the wrist. (Photo 5)

Doors Maneuvering Clearance – Classrooms were found to have the maneuvering clearance at the door obstructed by furniture and/or a recess. This is of particular concern since some of the doors are emergency doors. (Photo 6)

Recommendations:

Doors Clear Width – All doors should provide a clear width of 32” minimum. When having double-leaf doors at least one of the active leaves should have a clear of 32” minimum opening width.

Doors Hardware – Provide lever hardware that can be operable with one hand and not require grasping, pinching, or twisting of the wrist.

Doors Maneuvering Clearance – A 18” maneuvering clearance must be provided at doors with closers on the pull side.

Interior Routes



Photo 7 – 1st Floor Lobby



Photo 8 - 1st Floor Corridor

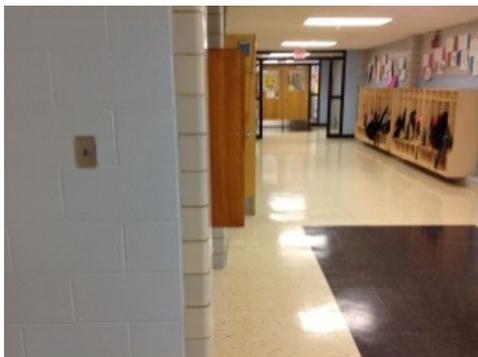


Photo 9 - 2nd Floor Corridor

Issues

Carpets - Carpets along corridors were not securely attached. (Photo 7)

Protruding Objects – Objects such as drinking fountains along corridors were found to protrude into the circulation path. (Photo 8 and 9)

Recommendations:

Carpets - Securely attached carpets located along accessible routes to prevent tripping hazards.

Protruding Objects – Relocate protruding objects when possible so it does not interfere with the circulation path. If unable to relocate, provide a cane-detectable barrier under the object.

Toilet Rooms



Photo 10 – 1st Floor Girl's Toilet Room



Photo 11 - 1st Floor Girl's Toilet Room



Photo 12 – 1st Floor, Boy's Toilet Room

Issues:

Lavatories – lavatories in boys, girls, staff toilet rooms as well as the accessible toilet room do not have wrapped pipes under the lavatory as required. Moreover, lavatories did not provide the knee and toe clear floor space positioned for a forward approach. Mirrors were mounted between 42.5" and 47" above finish floor. (Photo 10)

Wheelchair Accessible Compartment – Boy's and girls' toilet rooms did not provide the required wheelchair compartment or the ambulatory compartment as required. (Photo 11)

Urinals – Urinals were mounted at 25" above finish floor exceeding the maximum 17" allowed. (Photo 12)

Accessible Routes – Maneuvering clearance at entrance was not provided. (Photo 13)

Protruding Objects – Objects such as paper towel dispensers were found to be in the circulation path and the clear floor space required at lavatories. (Photo 14 and 15)

Recommendations:

Lavatories – Provide at least one lavatory with insulated or otherwise configured to protect against contact with a seated user's legs. Further, establish a regular schedule for checking pipe wrapping or replacement. Ensure that knee and toe clearance is provided for at least one lavatory on each floor. Mount mirrors above sinks so that reflective surface is no higher than 40" maximum above the floor.



Photo 13 – 1st Floor Girl's Toilet Room

Wheelchair Accessible Compartment – When making renovations ensure that there is a wheelchair accessible compartment with a minimum clearance around the water closet of 60' x 72". Furthermore, if more than six compartments are provided, ensure that there is also an alternate toilet stall that is 17" – 19" wide in addition to the wheelchair compartment. In single user toilet rooms ensure that the maneuvering clearance at the toilet is kept clear of furniture.



Photo 14 – 1st Floor Girl's Toilet Room

Urinals – Lower at least one urinal in each of the boy's toilet rooms so rim is no higher than 17" above the finish floor or install floor-mounted urinals.

Accessible Routes – Ensure that there is an unobstructed accessible route to toilet rooms. In toilet rooms where privacy walls are provided at the entrance, ensure that there is a 48" minimum clear width.

Protruding Objects – Relocate protruding objects when possible so it does not interfere with the circulation path and/or the maneuvering clearance at lavatories.



Photo 15 – 1st Floor Boy's Toilet Room

Work Surfaces



Photo 16 – 2nd Floor Library



Photo 17 – 2nd Floor Library

Issues:

Service Counter – The counter at the library was found to be higher than the minimum requirement. (Photo 16)

Work Surfaces – Some computer tables and work surfaces were found to be lower than the minimum requirement therefore the knee clearance positioned for a forward approach was not provided. (Photo 17)

Recommendations:

Service Counter – When counters are too high provide a section of the counter with a 36" long minimum and a 36" high maximum. Alternatively, provide an auxiliary table (34" high maximum) adjacent to service desks that are higher than 36".

Work Surfaces – Provide tables that allow for a forward approach (knee and toe clearance provided) and that are between 26" -30" above the finish floor.

Drinking Fountains

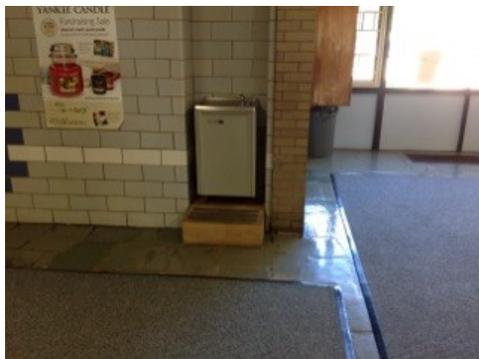


Photo 18 – 1st Floor Lobby



Photo 19 – 2nd Floor Corridor

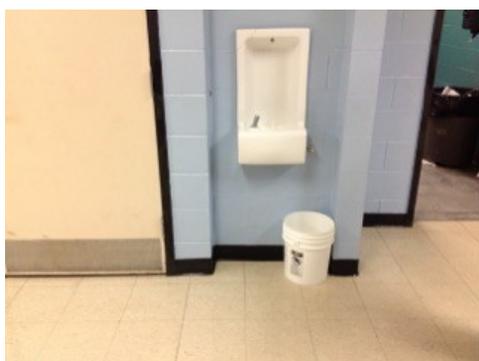


Photo 20 – 1st Floor Corridor

Issues:

Clear Floor Space – Drinking fountains did not provide the knee and toe clearance position for a forward approach and the minimum width required for a person using a wheelchair. (Photo 18 and 19)

Operable Parts – at some locations the operable parts at the drinking fountain requires grasping, pinching or twisting of the wrist. (Photo 20)

Recommendations:

Clear Floor Space – Make sure that there is at least a 30” by 48” positioned for a forward approach at drinking fountains.

Operable Parts – Provide drinking fountains with operable parts that can be operable with one hand and not require grasping, pinching, or twisting of the wrist.



Approach and Entrance

Entrance



| | | | | | |
|----------------|--|-------------|---------------|-----------------|---------|
| Element | Entrance | type | Main entrance | Record # | S13-000 |
| Issues | Surface not stable, firm, and slip-resistant | | - | | |

Comment

| | | | | | |
|--------------------|---|-----------------|-------|---------------|--|
| Floor Level | 1 | Location | Lobby | Room # | |
|--------------------|---|-----------------|-------|---------------|--|

Access to Goods and Services

Door



| | | | | | |
|----------------|-------------------------------------|-------------|-----|-----------------|---------|
| Element | Door | type | | Record # | S13-004 |
| Issues | Does not provide clear width of 32" | | 29" | | |

Comment 29" on leaf

| | | | | | |
|--------------------|---|-----------------|-----------|---------------|--|
| Floor Level | 1 | Location | Cafeteria | Room # | |
|--------------------|---|-----------------|-----------|---------------|--|



| | | | | | |
|----------------|---|-------------|-----|-----------------|---------|
| Element | Door | type | | Record # | S13-022 |
| Issues | Does not provide clear width of 32" | | 26" | | |
| | Maneuvering clearance(s) not provided | | - | | |
| | Hardware inoperable | | - | | |
| | Smooth surface not provided at bottom 10" | | - | | |

Comment

| | | | | | |
|--------------------|---|-----------------|----------------|---------------|--|
| Floor Level | 1 | Location | Nurse's Office | Room # | |
|--------------------|---|-----------------|----------------|---------------|--|



| | | | | | |
|----------------|---|-------------|-------------|-----------------|---------|
| Element | Door | type | Toilet Room | Record # | S13-020 |
| Issues | Does not provide clear width of 32" | | 22" | | |
| | Hardware inoperable | | - | | |
| | Smooth surface not provided at bottom 10" | | - | | |

Comment

| | | | | | |
|--------------------|---|-----------------|----------------|---------------|--|
| Floor Level | 1 | Location | Nurse's Office | Room # | |
|--------------------|---|-----------------|----------------|---------------|--|



| | | | | | |
|----------------|--|-------------|-------------|-----------------|---------|
| Element | Door | type | Toilet Room | Record # | S13-008 |
| Issues | Does not provide clear width of 32" | | 27" | | |
| | Door requires >5 pounds of force to open | | 15 lbs | | |

Comment

| | | | | | |
|--------------------|---|-----------------|---------------------|---------------|--|
| Floor Level | 1 | Location | Women's Toilet Room | Room # | |
|--------------------|---|-----------------|---------------------|---------------|--|



| | | | | | |
|----------------|---|-------------|------------------|-----------------|---------|
| Element | Door | type | Classroom or Lab | Record # | S13-027 |
| Issues | Maneuvering clearance(s) not provided | | - | | |
| | Hardware inoperable | | - | | |
| | Smooth surface not provided at bottom 10" | | - | | |

Comment secondary fire exit

| | | | | | |
|--------------------|---|-----------------|-------------|---------------|---|
| Floor Level | 1 | Location | First Grade | Room # | 2 |
|--------------------|---|-----------------|-------------|---------------|---|



Element Door **type** Classroom or Lab **Record #** S13-041

Issues Maneuvering clearance(s) not provided
Vision light located >43" AFF

Comment typical of most classrooms

Floor Level 1 **Location** **Room #** 18



Element Door **type** **Record #** S13-025

Issues Maneuvering clearance(s) not provided at recess

Comment Doors at recess are 37" wide
all classrooms are the same

Floor Level 1 **Location** Title I Office **Room #**



Element Door **type** Classroom or Lab **Record #** S13-048

Issues Maneuvering clearance(s) not provided at recess
Hardware inoperable

Comment 17 doors

Floor Level 1 **Location** **Room #** 11



Element Door **type** Circulation **Record #** S13-026

Issues Surface not stable, firm, and slip-resistant

Comment

Floor Level 1 **Location** **Room #**



Element Door **type** **Record #** S13-018

Issues Hardware inoperable

Comment

Floor Level 1 **Location** Nurse's Office **Room #**



Element Door **type** **Record #** S13-023

Issues Hardware inoperable

Comment 5 doors (one is a storage room)
same issue between classrooms

Floor Level 1 **Location** Speech Room **Room #**



Element Door **type** Toilet Room **Record #** S13-030
Issues Door requires >5 pounds of force to open 15 lbs

Comment

Floor Level 1 **Location** Boys Toilet Room **Room #**



Element Door **type** Toilet Room **Record #** S13-050
Issues Door requires >5 pounds of force to open 12 lbs

Comment

Floor Level 1 **Location** Girls Toilet Room **Room #** 11

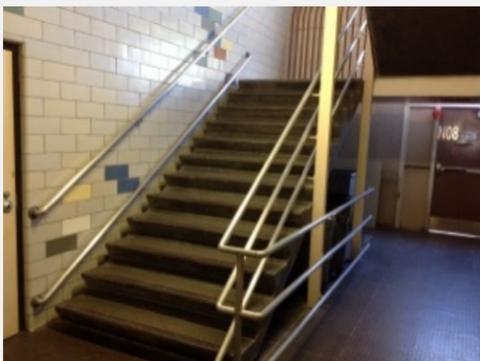
Stairway (Interior)



Element Stairway (Interior) **type** Interior **Record #** S13-002
Issues Handrails have non-compliant cross section -

Comment open risers
no lift to stage

Floor Level 1 **Location** Cafeteria **Room #**



Element Stairway (Interior) **type** Egress **Record #** S13-057
Issues Handrails do not extend 12" from stairs -

Comment

Floor Level 1 **Location** **Room #**

Interior Route



Element Interior Route **type** N/A **Record #** S13-039
Issues Obstructed by protruding objects 10.5"

Comment 49" to bottom

Floor Level 1 **Location** Girls Toilet Room **Room #**



Element Interior Route **type** N/A **Record #** S13-042
Issues Obstructed by protruding objects -

Comment protrude 29" and is 27.5"high
same in second floor

Floor Level 1 **Location** **Room #** 18



Element Interior Route **type** **Record #** S13-061

Issues Obstructed by protruding objects -

Comment protrude 6" and is 35" above finish floor.

Floor Level 2 **Location** Corridor **Room #**

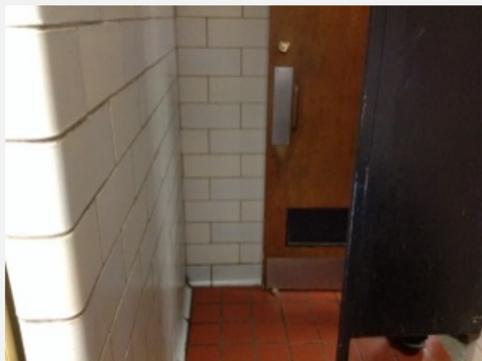


Element Interior Route **type** N/A **Record #** S13-006

Issues Surface not stable, firm, and slip-resistant -

Comment

Floor Level 1 **Location** Lobby **Room #**



Element Interior Route **type** N/A **Record #** S13-013

Issues Clear width <36" 25.5"

Comment Accessible route: 25.5" wide

Floor Level 1 **Location** men toilet room **Room #**

Dining or Work Surface



Element Dining or Work Surface **type** Work surface **Record #** S13-063

Issues Number of tables provided 5
At least one or 5% accessible not provided -
Toe or knee clearance at tables not provided 25"

Comment 25" to bottom

Floor Level 2 **Location** Library **Room #**



Element Dining or Work Surface **type** Dining surface **Record #** S13-001

Issues At least one or 5% accessible not provided -

Comment The cafeteria host 335 students depending on the meal

Floor Level 1 **Location** Cafeteria **Room #**



Element Dining or Work Surface **type** Work surface **Record #** S13-064

Issues Top of dining surfaces <28" or >34" 39"

Comment

Floor Level 2 **Location** Library **Room #**



Signage



Element Signage **type** **Record #** S13-024

Issues Provided, misplaced -
 Provided, non-compliant --

Comment

Floor Level 1 **Location** Speech Room **Room #**

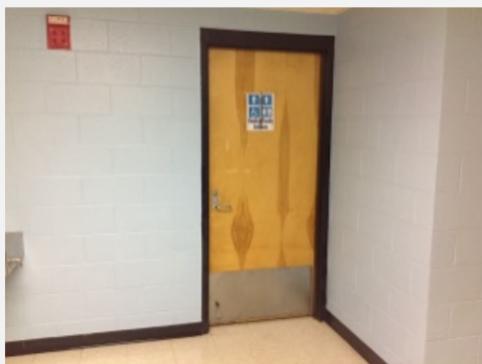


Element Signage **type** **Record #** S13-051

Issues Provided, misplaced -
 Provided, non-compliant -

Comment

Floor Level 1 **Location** Girls Toilet Room **Room #**



Element Signage **type** **Record #** S13-065

Issues Provided, misplaced -
 Provided, non-compliant -

Comment

Floor Level 1 **Location** Accessible Toilet Room **Room #**



Element Signage **type** **Record #** S13-040

Issues Provided, misplaced -
 Provided, non-compliant -

Comment sign.
 PTO classrooms

Floor Level 1 **Location** **Room #** 15

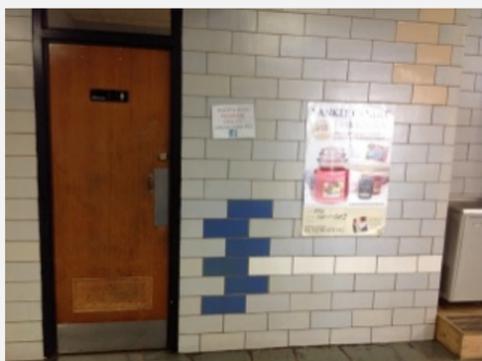


Element Signage **type** **Record #** S13-062

Issues Provided, misplaced -
 Provided, non-compliant -

Comment

Floor Level 2 **Location** Library **Room #**



Element Signage **type** N/A **Record #** S13-009

Issues Provided, misplaced -
 Provided, non-compliant -
 Centerline > 60" above ground 67"

Comment

Floor Level 1 **Location** Women Toilet Room **Room #**



Element Signage **type** **Record #** S13-029

Issues Provided, misplaced -
 Provided, non-compliant -
 Centerline > 60" above ground 67.5"

Comment

Floor Level 1 **Location** Boys Toilet Room **Room #**



Element Signage **type** **Record #** S13-035

Issues Provided, misplaced -
 Provided, non-compliant -
 Centerline > 60" above ground 69"

Comment

Floor Level 1 **Location** Girls Toilet Room **Room #**



Element Signage **type** **Record #** S13-059

Issues Centerline > 60" above ground 65"

Comment

Floor Level 1 **Location** Boys Toilet Room **Room #**



Element Signage **type** **Record #** S13-010

Issues Centerline > 60" above ground -
 Provided, misplaced -
 Provided, non-compliant 64"

Comment

Floor Level 1 **Location** Men Toilet Room **Room #**

Toilet or Bathing Rooms

Overall Access

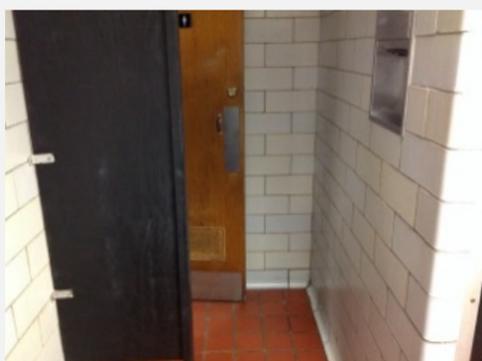


Element Overall Access **type** Single-user, **Record #** S13-045

Issues Turning space not provided -

Comment 2 accessible toilet rooms -one on each floor.

Floor Level 1 **Location** Accessible Toilet Room **Room #**



Element Overall Access **type** Multi-user, **Record #** S13-011

Issues Turning space not provided -
 Accessible plumbing fixtures or stalls not provided -
 Visual & visible alarm not provided -

Comment Accessible route: 27" wide

Floor Level 1 **Location** Girls Toilet Room **Room #**



Element Overall Access **type** Single-user, **Record #** S13-014

Issues Turning space not provided -
 Accessible plumbing fixtures or stalls not provided -
 Visual & visible alarm not provided -

Comment

Floor Level 1 **Location** Boys Toilet Room **Room #**



Element Overall Access **type** Multi-user, **Record #** S13-017

Issues Turning space not provided -
 Accessible plumbing fixtures or stalls not provided -
 Visual & visible alarm not provided -

Comment

Floor Level 1 **Location** Girls Toilet Room **Room #**



Element Overall Access **type** Single-user, **Record #** S13-047

Issues Turning space not provided -
 Accessible plumbing fixtures or stalls not provided -
 Visual & visible alarm not provided -
 Clear floor space not provided in toilet room -

Comment Inside the copy room.

Floor Level 1 **Location** Toilet Room **Room #**



Element Overall Access **type** Single-user, **Record #** S13-019

Issues Turning space not provided -
 Visual & visible alarm not provided -
 Clear floor space not provided in toilet room -

Comment

Floor Level 1 **Location** Nurse's Office **Room #**



Element Overall Access **type** Multi-user, men's **Record #** S13-031

Issues Accessible plumbing fixtures or stalls not provided -

Comment

Floor Level 1 **Location** Boys Toilet Room **Room #**



Element Overall Access **type** Multi-user, **Record #** S13-037

Issues Accessible plumbing fixtures or stalls not provided -
 Visual & visible alarm not provided -

Comment 4 stalls

Floor Level 1 **Location** Girls Toilet Room **Room #**



Element Overall Access **type** Multi-user, men's **Record #** S13-055

Issues Accessible plumbing fixtures or stalls not provided -
 Visual & visible alarm not provided -

Comment 4 stalls and 4 urinals
 same in second floor

Floor Level 1 **Location** Boys Toilet Room **Room #**



Element Overall Access **type** Multi-user, **Record #** S13-052

Issues Accessible plumbing fixtures or stalls not provided -
 Visual & visible alarm not provided -

Comment 7 stalls
 same in second floor

Floor Level 1 **Location** Girls Toilet Room **Room #** 11

Lavatory



Element Lavatory **type** Other **Record #** S13-012

Issues Toe or knee clearances not provided -
 Exposed plumbing underneath -
 Mirror above lavatory w/ reflective surface > 40" -
 Clear floor space not provided at lavatory 42.5"

Comment

Floor Level 1 **Location** Girls Toilet Room **Room #**

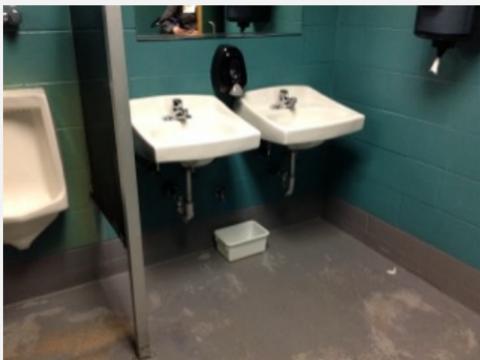


Element Lavatory **type** Other **Record #** S13-016

Issues Exposed plumbing underneath -
 Mirror above lavatory w/ reflective surface > 40" 42.1/4"

Comment

Floor Level 1 **Location** Boys Toilet Room **Room #**

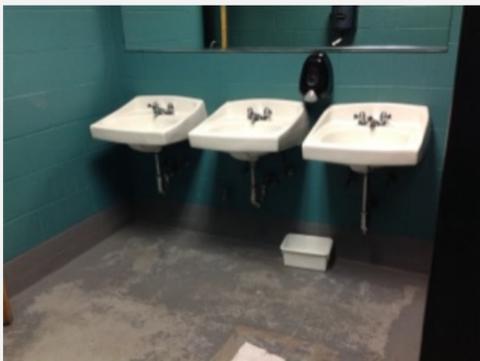


Element Lavatory **type** Other **Record #** S13-033

Issues Exposed plumbing underneath -
 Mirror above lavatory w/ reflective surface > 40" 48.5"

Comment

Floor Level 1 **Location** Boys Toilet Room **Room #**



Element Lavatory **type** Other **Record #** S13-038

Issues Exposed plumbing underneath -
 Mirror above lavatory w/ reflective surface > 40" 47"3/4"

Comment

Floor Level 1 **Location** Girls Toilet Room **Room #**



Element Lavatory **type** Other **Record #** S13-044

Issues Exposed plumbing underneath -
 Mirror above lavatory w/ reflective surface > 40" 42"

Comment Paper towel protrude 10.6" and is 47" above finish floor.

Floor Level 1 **Location** Accessible Toilet Room **Room #**



Element Lavatory **type** **Record #** S13-054

Issues Exposed plumbing underneath -
 Mirror above lavatory w/ reflective surface > 40" 42"3/4

Comment

Floor Level 1 **Location** Boys Toilet Room **Room #** 11



Element Lavatory **type** Other **Record #** S13-053

Issues Exposed plumbing underneath -
 Mirror above lavatory w/ reflective surface > 40" -
 Clear floor space not provided at lavatory -
 Toe or knee clearances not provided 43"

Comment

Floor Level 1 **Location** Girls Toilet Room **Room #** 11

Toilet



Element Toilet **type** Wall-mounted **Record #** S13-043

Issues Non-compliant side grab bar -
 Non-compliant rear grab bar -

Comment grab bars 32" above finish floor.

Floor Level 1 **Location** Accessible Toilet Room **Room #**

Urinal

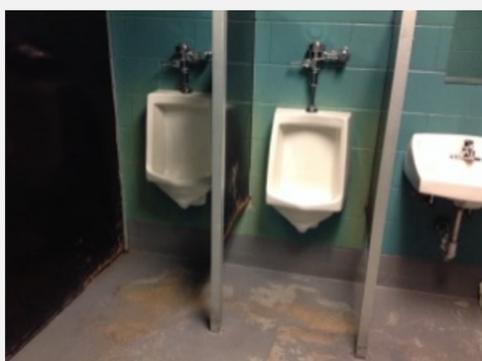


Element Urinal **type** Wall-hung **Record #** S13-015

Issues Rim > 17" height 25"
 Flush controls too high or not properly located 50"

Comment

Floor Level 1 **Location** Boys Toilet Room **Room #**



Element Urinal **type** Stall-type **Record #** S13-032

Issues Rim > 17" height 25"
 Flush controls too high or not properly located 25"3/4
 Clear floor space not provided at urinal 50"

Comment 25.3/4" wide

Floor Level 1 **Location** Boys Toilet Room **Room #**

Additional Access



Drinking Fountain



Element Drinking Fountain **type** Single, high **Record #** S13-034

Issues Clear floor space not provided at drinking fountain -

Comment require twisting of the hand

Floor Level 1 **Location** Corridor **Room #**

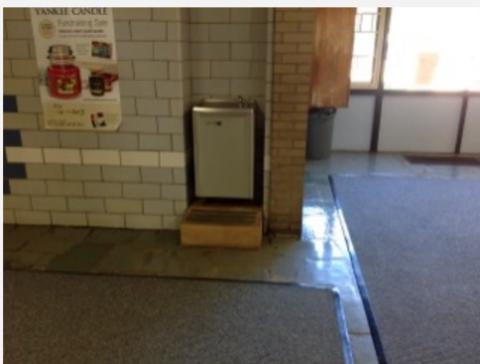


Element Drinking Fountain **type** Single, low **Record #** S13-060

Issues Clear floor space not provided at drinking fountain -

Comment 24.5" wide
26" to bottom

Floor Level 2 **Location** Corridor **Room #**

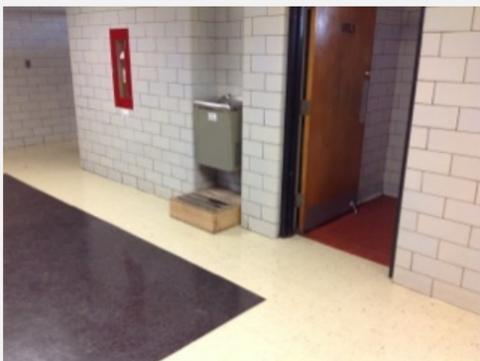


Element Drinking Fountain **type** Single, high **Record #** S13-007

Issues Clear floor space not provided at drinking fountain
Spout > 36" height -
41"

Comment step: 7.5" high

Floor Level 1 **Location** Lobby **Room #**



Element Drinking Fountain **type** Single, high **Record #** S13-049

Issues Clear floor space not provided at drinking fountain
Spout > 36" height -
43"

Comment

Floor Level 1 **Location** Corridor **Room #**

Sink

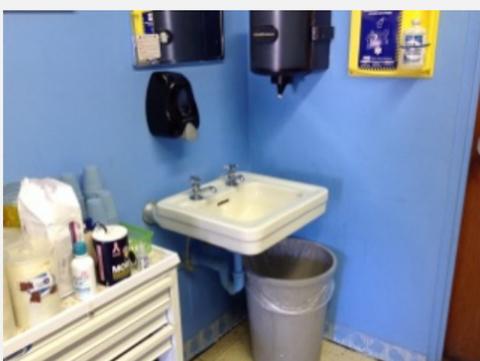


Element Sink **type** Other **Record #** S13-028

Issues Clear floor space not provided at sink
Toe and Knee Clearances not provided -
--

Comment no fire alarm in classrooms

Floor Level 1 **Location** First Grade **Room #** 2



Element Sink **type** Other **Record #** S13-021

Issues Exposed plumbing underneath sink
Clear floor space not provided at sink -
-

Comment 11" from wall

Floor Level 1 **Location** Nurse's Office **Room #**

Parker Middle School



Location: 60 William Street

Year Built: 2009

A part of Taunton Public Schools, Parker Middle School serves 391 students in grades fifth through seven.

The building has three levels; the first floor is home to the library, a computer room and specialty class rooms (Wellness rooms and Art rooms). The second floor hosts the second computer room, labs, the cafeteria, the gym and locker rooms. Toilet rooms for students and faculty are located in all floors.

Approach and Entrance



Photo 1 -

Issues:

Curb Ramp –Curb ramps have not been maintained in operable conditions and allow accumulation of water. (Photo 1)

Parking Identification – Some signs at the accessible parking were missing. (Photo 2)

Ramp – Ramp leading to the accessible entrance did not provide handrails on both sides of the ramp. (Photo 3)



Photo 2 -

Recommendations:

Curb Ramps – Ensure that curb ramps are maintained in working conditions.

Parking Identification – Ensure that each accessible space has the correspondent sign mounted at 60” above the finish floor. In addition, signs indicating van accessible spaces should have the designation “van accessible”.

Ramp – Ensure that handrails are provided at both sides of the ramps.



Photo 3 -

Signage



Photo 4 - Cafeteria



Photo 5 – 2nd Floor Gym

Issues:

Directional Signs – in some instance signs indicating the location of accessible entrances were missing. (Photo 4)

Signage to Permanent Rooms - Signs to permanent rooms and spaces were not mounted at the required high. (Photo 5)

Recommendations:

Directional Signs - Provide a sign indicating the location of the nearest accessible entrance.

Sign to Permanent Rooms - Install signs alongside all doors to permanent rooms and spaces. In general, accessible signs must be mounted between 48" – 60" on the latch side of the door and must have raised letters and numerals; use sans serif type and Braille. Typeface must be clear, with maximum contrasting colors. The surface of the sign should a non-reflective or other non-glossy finish.

Doors



Photo 6 – 3rd Floor Classroom



Photo 7 – 2nd Floor Cafeteria



Photo 8 – 3rd Floor Classroom

Issues:

Maneuvering Clearance – Some rooms were found to have the maneuvering clearance at the door obstructed by furniture. (Photo 6)

Opening Force – Interior doors with closers exceed the maximum allowable force required to open them. (Photo 7)

Vision Light – Doors with glazing panels were found to have the glazed panel higher than the maximum required. (Photo 8)

Recommendations:

Maneuvering Clearance - A 18” maneuvering clearance must be provided at doors with closers on the pull side.

Opening Force - Replace or adjust door closers so that interior doors do not exceed 5 pounds of force to operate them. When interior doors cannot meet the opening force requirement, provide an automatic door opener.

Vision Light – When making renovations provide doors with glazing panels located 43” maximum above the finish floor.

Interior Routes

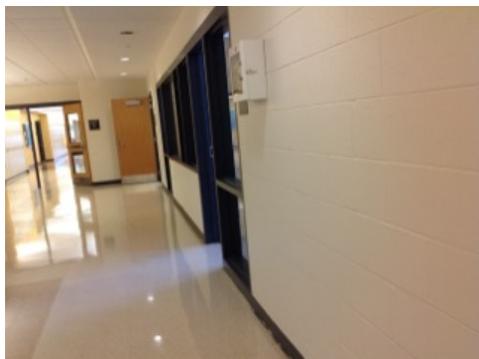


Photo 9 – 2nd Floor Corridor

Issues:

Vertical Clearance - Vertical clearance along hallway was found to be obstructed by the clock protruding into the circulation path. (Photo 9)

Accessible Route – Accessible routes in a few spaces in the building were found to have less than the 36” minimum width required. (Photos 10 and 11)



Photo 10 – 2nd Floor Computer Room

Recommendations:

Vertical Clearance – Ensure that there is a vertical clearance of 80” high minimum along all hallways in the building.

Accessible Route – Relocate furniture so as to ensure that a minimum of 36” width is provided at the accessible routes.



Photo 11 – 1st Floor Library

Toilet Rooms



Photo 12 – 2nd Floor Girls Toilet Room



Photo 13 – 1st Floor Boys Toilet Room



Photo 14 – 1st Floor Toilet Room

Issues:

Lavatories – In both boys’ and girls’ toilet rooms the lavatories did not provide the minimum clear knee space as required. (Photo 12)

Grab Bars – In both boys and girls toilet rooms the wheelchair accessible compartment did not provide the grab bars at the required location. (Photo 13)

Toilet – some single user toilet rooms did not have the required maneuvering clearance around the toilet. (Photo 14)

Recommendations:

Lavatories - When making renovations, provide at least one lavatory with 27” minimum knee clearance positioned for a forward approach.

Grab Bars – Ensure that the accessible wheelchair compartment provide side and rear wall grab bars. The side wall grab bars should be 42” minimum long and the rear wall grab bar should extend from the centerline of the water closet 12” minimum on one side and 24” minimum on the other side (open side). Grab bars should be mounted between 33” – 36” above the finish floor.

Toilet - Ensure that a clear floor space of 56” by 60” minimum is provided around the water closet.

Locker Rooms

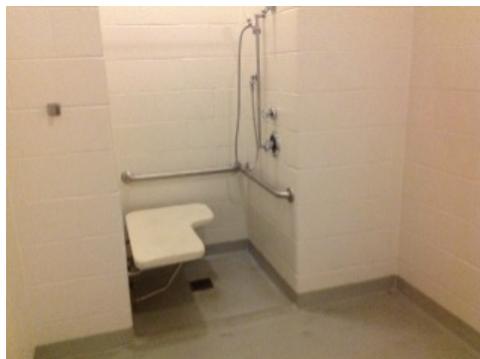


Photo 15 – 2nd Floor Boys Locker Room

Issues:

Shower Compartment – Transfer showers in both boys’ and girls’ locker rooms did not provide the grab bars at the minimum height. (Photo 15)

Bench– At the locker rooms benches did not provide back support. (Photo 16)

Lockers – hardware requires grasping, pinching or twisting of the wrist. (Photo 17)



Photo 16 - 2nd Floor Boys Locker Room

Recommendations:

Shower Compartment – When making renovations, locate grab bars between 33” – 36” above the finish floor.

Bench – Provide at least one bench with back support or provide one bench affixed to the wall. A clear floor space of 30” by 48” should be provided at the end of the bench.

Lockers – At least 5% of storage should be operable with one hand and not require grasping, pinching, or twisting of the wrist.



Photo 17-

Work Surface



Photo 18 – 1st Floor Library



Photo 19 – 2nd Floor Lab



Photo 20 – 1st Floor Wellness Room

Issues:

Work Surfaces - Some computer tables and work surfaces were found to be lower than the minimum requirement; therefore the knee clearance positioned for a forward approach was not provided. (Photos 18)

Sinks – Toe clearance at sinks were found to be less than the minimum requirement. (Photos 19)

Reach Ranges – Paper towels and/or soap dispensers were found to be higher than the maximum required. (Photos 20)

Recommendations:

Work Surfaces – Provide tables that allowed for a forward approach (Knee and toe clearance provided) and that are between 27” -34” above the finish floor.

Sinks – When making renovations ensure that there is at least 9” of toe clearance.

Reach Ranges – Ensure that paper towels and other amenities are between reach ranges. If counters are deeper than 25” mount paper towel dispenser at 44” maximum above the finish floor.



Approach and Entrance

Curb Ramp



Element Curb Ramp **type** **Record #** S6-061
Issues

Comment afternoon pickup only but it's also a fire lane

Floor Level 1 **Location** **Room #**



Element Curb Ramp **type** N/A **Record #** S6-055
Issues Not in operable working condition -

Comment maintenance

Floor Level 1 **Location** **Room #**



Element Curb Ramp **type** **Record #** S6-060
Issues Not in operable working condition -

Comment

Floor Level 1 **Location** **Room #**

Accessible Route/Walkway



Element Accessible Route/Walkway **type** Sidewalk **Record #** S6-059
Issues Running slope >1:20 5.7%

Comment 4.7-5.7 slope

Floor Level 1 **Location** **Room #**

Off-Street Parking Spaces



Element Off-Street Parking Spaces **type** Guest / Visitor **Record #** S6-056
Issues

Comment no sign, 92 space and access aisle

Floor Level 1 **Location** **Room #**



Element Off-Street Parking Spaces **type** Guest / Visitor **Record #** S6-058
Issues Access aisle <60" wide 55"

Comment

Floor Level 1 **Location** **Room #**



Element Off-Street Parking Spaces **type** Guest / Visitor **Record #** S6-057
Issues Not in operable working condition -

Comment no sign

Floor Level 1 **Location** **Room #**

Ramp (in a Walkway)



Element Ramp (in a Walkway) **type** Straight **Record #** S6-054
Issues Handrails not continuous where required -

Comment

Floor Level 1 **Location** **Room #**

Access to Goods and Services

Door



Element Door **type** Classroom or Lab **Record #** S6-025
Issues 44

Comment

Floor Level 2 **Location** **Room #** P209



Element Door **type** Classroom or Lab **Record #** S6-016
Issues Maneuvering clearance(s) not provided -

Comment

Floor Level 1 **Location** art **Room #** p102



Element Door **type** Classroom or Lab **Record #** S6-006
Issues Maneuvering clearance(s) not provided -

Comment

Floor Level 1 **Location** library **Room #** p105



Element Door **type** **Record #** S6-021
Issues Maneuvering clearance(s) not provided -

Comment

Floor Level 1 **Location** nurse **Room #** p124



Element Door **type** **Record #** S6-019
Issues Maneuvering clearance(s) not provided -
Comment 2 doors
Floor Level 1 **Location** nurse station **Room #** p125



Element Door **type** Classroom or Lab **Record #** S6-052
Issues Maneuvering clearance(s) not provided -
Comment
Floor Level 3 **Location** **Room #** p301



Element Door **type** Vestibule **Record #** S6-002
Issues Door requires >5 pounds of force to open 25
Comment door to high school
Floor Level 1 **Location** **Room #**



Element Door **type** **Record #** S6-034
Issues Door requires >5 pounds of force to open 20
Comment
Floor Level 2 **Location** **Room #** P205



Element Door **type** **Record #** S6-029
Issues Door requires >5 pounds of force to open 20
Comment signs 61 to centerline
Floor Level 2 **Location** practice rooms **Room #** P208bc



Element Door **type** Classroom or Lab **Record #** S6-017
Issues Vision light located >43" AFF 44"
Comment
Floor Level 1 **Location** **Room #** p102



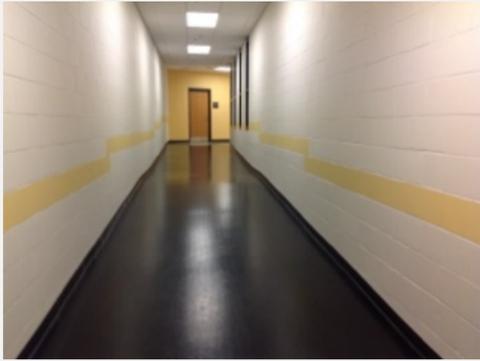
Ramp (Interior)



Element Ramp (Interior) **type** Straight **Record #** S6-053
Issues Running slope >1:12 8.8%

Comment between 8.7 + 8.8% slope

Floor Level 1 **Location** ramp to library **Room #** p301



Element Ramp (Interior) **type** Straight **Record #** S6-001
Issues Handrails not continuous where required -

Comment no handrails

Floor Level 1 **Location** **Room #**

Interior Route



Element Interior Route **type** **Record #** S6-049
Issues

Comment same as below

Floor Level 3 **Location** girls toilet room **Room #** p307



Element Interior Route **type** 262 **Record #** S6-007
Issues Obstructed by protruding objects -

Comment

Floor Level 1 **Location** faculty **Room #** p108a



Element Interior Route **type** N/A **Record #** S6-022
Issues Obstructed by protruding objects 578.5high,

Comment protrudes 5"

Floor Level 2 **Location** corridor **Room #** p



Element Interior Route **type** **Record #** S6-048
Issues Obstructed by protruding objects -

Comment blocking accessible sink

Floor Level 3 **Location** boys **Room #** p43



Element Interior Route **type** **Record #** S6-050
Issues Obstructed by protruding objects -
Comment sink blocked
Floor Level 3 **Location** girls **Room #** p307



Element Interior Route **type** **Record #** S6-005
Issues Clear width <36" -
Comment accessible route
Floor Level 1 **Location** library reading area **Room #** p105



Element Interior Route **type** **Record #** S6-024
Issues Clear width <36" 26"
Comment desks are 26" AFF
Floor Level 2 **Location** **Room #** P209

Dining or Work Surface



Element Dining or Work Surface **type** Dining surface **Record #** S6-031
Issues At least one or 5% accessible not provided -
Comment no accessible seating
Floor Level 2 **Location** cafeteria **Room #** P205



Element Dining or Work Surface **type** Work surface **Record #** S6-018
Issues At least one or 5% accessible not provided 26"
 Toe or knee clearance at tables not provided
Comment 26" clear under desks, but adjustable
Floor Level 1 **Location** computer room **Room #** p114



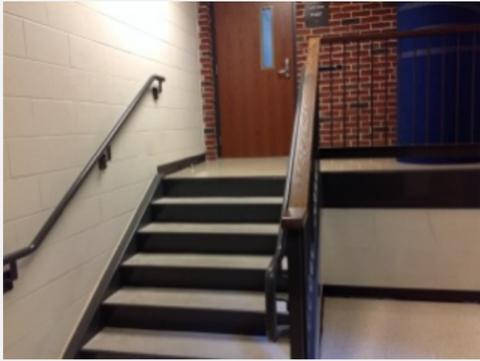
Element Dining or Work Surface **type** Work surface **Record #** S6-004
Issues Toe or knee clearance at tables not provided 27
Comment 27" to top, not adjustable
Floor Level 1 **Location** library **Room #** p105



Element Dining or Work Surface **type** Work surface **Record #** S6-028
Issues Toe or knee clearance at tables not provided 24"
Comment desks are adjustable

Floor Level 2 **Location** **Room #** P204

Signage



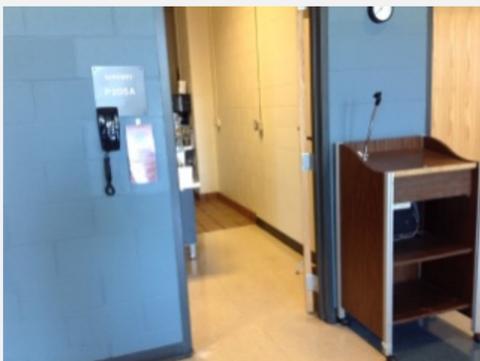
Element Signage **type** N/A **Record #** S6-045
Issues Not provided -
Comment no sign to accessible entrance

Floor Level 2 **Location** cafeteria **Room #** g207



Element Signage **type** N/A **Record #** S6-030
Issues Provided, misplaced 61.75
Tactile characters < 48" or > 60" above ground
Comment

Floor Level 2 **Location** **Room #** P208bc



Element Signage **type** **Record #** S6-033
Issues Tactile characters < 48" or > 60" above ground 63.5
Comment

Floor Level 2 **Location** cafeteria **Room #** P205



Element Signage **type** **Record #** S6-044
Issues Centerline > 60" above ground 61"
Comment

Floor Level 2 **Location** gym **Room #** g203

Toilet or Bathing Rooms

Overall Access



Element Overall Access **type** **Record #** S6-008
Issues Accessible Accessories not provided
Comment 2 stalls, 1 accessible, 2 accessible urinals same in 2nd fl,

Floor Level 1 **Location** boys toilet room **Room #** p106



Element Overall Access **type** Single-user, **Record #** S6-020
Issues Clear floor space not provided in toilet room -

Comment furniture is blocking the clearance at toilet.

Floor Level 1 **Location** restroom **Room #** p120b

Lavatory



Element Lavatory **type** Other **Record #** S6-009
Issues Toe or knee clearances not provided 26.5"

Comment

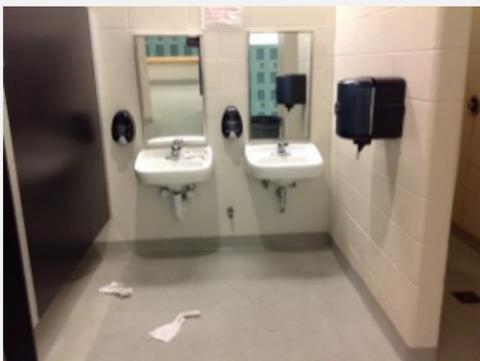
Floor Level 1 **Location** boys toilet room **Room #** p106



Element Lavatory **type** Other **Record #** S6-040
Issues Toe or knee clearances not provided 26.75

Comment

Floor Level 2 **Location** boys locker room **Room #** g202



Element Lavatory **type** Other **Record #** S6-036
Issues Toe or knee clearances not provided 26"

Comment 26" to bottom and protruding object

Floor Level 2 **Location** girls locker room **Room #** g203

Toilet



Element Toilet **type** **Record #** S6-011
Issues

Comment 3 stalls 1 accessible, same problem as boys accessible stall same in 2nd fl

Floor Level 1 **Location** girls toilet room **Room #** p107



Element Toilet **type** **Record #** S6-010
Issues Non-compliant rear grab bar 26.5

Comment

Floor Level 1 **Location** boys toilet room **Room #** p106



Toilet Compartment



Element Toilet Compartment **type** Wheelchair **Record #** S6-012
Issues Non-compliant side or rear grab bars 26.5

Comment

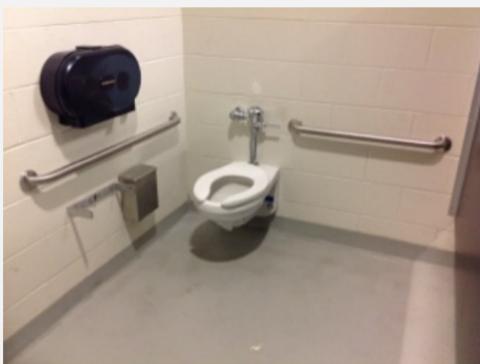
Floor Level 1 **Location** girls toilet room **Room #** p107



Element Toilet Compartment **type** Wheelchair **Record #** S6-041
Issues Non-compliant side or rear grab bars 27

Comment

Floor Level 2 **Location** boys locker room **Room #** g202

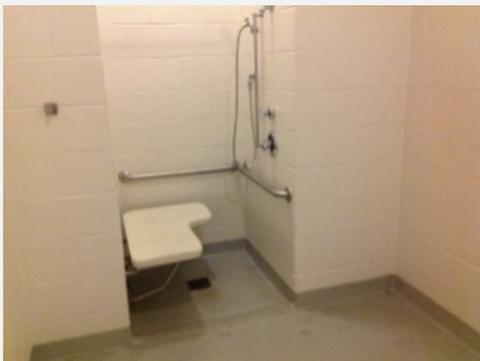


Element Toilet Compartment **type** Wheelchair **Record #** S6-037
Issues Non-compliant side or rear grab bars 28"

Comment grab bar 27" AFF

Floor Level 2 **Location** girls locker room **Room #** g203

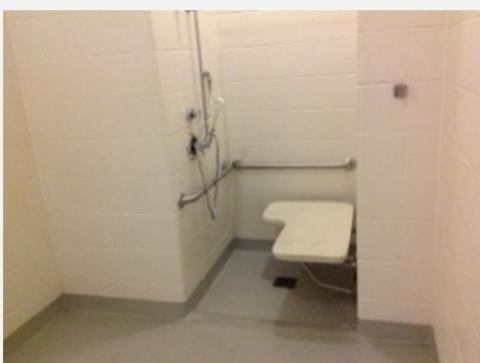
Shower Compartment



Element Shower Compartment **type** Transfer Type **Record #** S6-042
Issues Non-compliant grab bars 27"

Comment grab bar 27" AFF

Floor Level 2 **Location** boys locker room **Room #** g202



Element Shower Compartment **type** Transfer Type **Record #** S6-038
Issues Non-compliant grab bars 27

Comment

Floor Level 2 **Location** girls locker room **Room #** g203

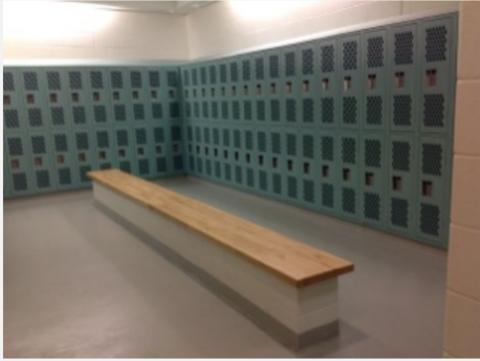
Bench



Element Bench **type** N/A **Record #** S6-043
Issues Back support not provided -

Comment

Floor Level 2 **Location** boys locker room **Room #** b202



Element Bench **type** N/A **Record #** S6-035

Issues Back support not provided -

Comment

Floor Level 2 **Location** girls locker room **Room #** g203

Additional Access

Sink



Element Sink **type** Other **Record #** S6-013

Issues Toe and Knee Clearances not provided -

Comment no toe clearance, counter 27.5 " deep, 58" to paper towels,

Floor Level 1 **Location** wellness room **Room #** p101



Element Sink **type** **Record #** S6-014

Issues Toe and Knee Clearances not provided -

Comment stove, no toe clearance

Floor Level 1 **Location** wellness room **Room #** p101



Element Sink **type** Other **Record #** S6-026

Issues Toe and Knee Clearances not provided -

Comment 6" on top

Floor Level 2 **Location** lab **Room #** P213



Element Sink **type** **Record #** S6-015

Issues Toe and Knee Clearances not provided 34.25"
Rim or counter > 34"

Comment

Floor Level 1 **Location** art **Room #** p102

Storage



Element Storage **type** 339 **Record #** S6-027

Issues Storage hardware non-compliant -

Comment requires pinching + twisting

Floor Level 2 **Location** corridor **Room #** P

Summer St. Extended Day



Location:

68 Summer St.

Year Built:

1916

Facility Programs Include:

- Extended Care Day Program offered between 7 - 5:30 for Barnum's 4 - yr. old children

The **Summer St. School** is an older brick/masonry building housing an extended day care program. Programs located here are identified as a provider for the Bridgewater - Raynham - Taunton Community Partnerships for Children, which is funded by a grant through the Massachusetts Department of Education.

The building offers moderate access to the first floor classrooms via a lift located in the rear of the building. There is no vertical access provided to the basement cafeteria program and office. There are not accessible toilet rooms and there is not an accessible play yard or play components. Access to the school from nearby sidewalks is quite limited due to narrow streets, and sidewalks and curb ramps that do not offer a continuous accessible pedestrian route from any direction.

There is a significant need to remedy nearby sidewalk and curb ramp conditions, and to provide an accessible lunch program. Provision of an accessible egress route is needed from the rear facility exit doors and walkways to the parking lot or sidewalk.

Program accessibility recommendations include:

- Provision of at least at least one toilet room with children's dimensions;
- Provision of at least one accessible route to play areas
- Provision of accessible circulation within and between play components;
- Provision of accessible lunch program and in-person payment options; and
- ADA/504 Contact and Policies should be published and fully operational.

Approach and Entrance



Photo 1



Photo 2



Photo 3

Issues:

Pedestrian Crosswalks, Sidewalks, Curb Ramps - Two marked crosswalks at the intersection of Summer St. and Prospect St. include three curb ramps with tactile strips. These curb ramps are not located to be reciprocal to one another and there are no accessible pedestrian routes provided at this intersection.

- SE curb ramp has a narrow bottom landing that is not level, smooth and slip-resistant. This curb ramp is oriented in the N-S direction and does not provide an accessible sidewalk entry point from the E-W Summer St. crosswalk. (Photo 1)
- The north curb ramp along Prospect St. is located as a diagonal curb ramp instead of being located parallel to Prospect St. and being oriented towards the reciprocal curb ramp. (Photo 2)
- Sidewalks from intersection to school Main entrance and rear entrance are not continuously wide enough, or smooth and level to the door. (Photos 1 and 2)

Parking - Although an accessible parking space is designated along east wall of school, this space does not offer level cross slopes or a level route to the rear ramp. (Photo 3)

Entrance - The rear ramped entrance is not connected to an accessible route due to the lack of a level, smooth and slip-resistant walkway from sidewalks and driveway to the ramp. (Photo 4)



Photo 4

Gate - The gate to the front entrance and to the school play area is not along a level and smooth walkway and does not provide a level threshold. There is no smooth surface at the bottom of the gate. (Photo 5)

Walkway - Walkway leading to Main Entrance gate has excessive run slopes and is not smooth. (Photo 6)

Stairway (in walkway) - Stairs leading to Main Entrance door have handrails on only one side. Risers are not of uniform heights. (Photo 7)



Photo 5

Entrance Signage - Directional signage at inaccessible entrance pointing to rear accessible entrance is not along an accessible route. Entrance signage informing visitors to go to front door for extended day program is not located along an accessible route. Sign informing visitors to ring bell for service is not located along an accessible route. (Photo 8)

Two-Way Communication - Entrance intercom does not include both visual and audible signals and is not located along an accessible route. It is not highly visible. (Photo 6)



Photo 6

Recommendations:

Pedestrian Crosswalks, Sidewalks, Curb Ramps

When next streetscape alterations planned, ensure that scope of project includes accessibility upgrades to surrounding crosswalk, curb ramp and sidewalk accessible route features. The outcome of this work should ensure that each site arrival will be connected by an accessible route to the accessible building entrance or entrances served. Site arrival points at this facility include:

- Accessible parking space,
- Public streets and sidewalks
- Entrance gate.



Photo 7

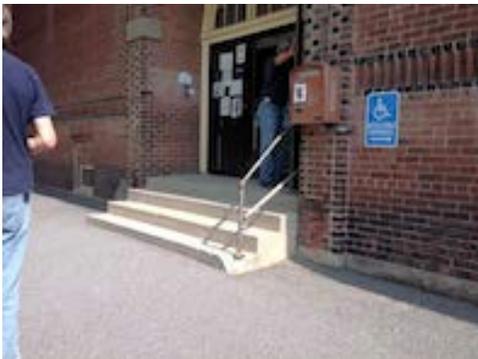


Photo 8

Parking

Install at least one van-accessible parking space where facility parking is offered to participants. This space will be 8 feet wide with an 8 foot access aisle and the cross slopes will not exceed 1:48 (2.08%) in all directions within the route between accessible parking to the accessible entrance, to the gate and outdoor play area in front, and to all facility program elements, amenities, and activity areas around the building.

Gate

Provide a level and smooth landing on either side of the gate. Install a smooth surface or kickplate at the bottom of the gate on both sides.

Walkways

Install at least one walkway that connects all accessible outside program areas and spaces along at least one route. This route should also connect to the ramped rear entrance, outside site signage, and to the accessible parking and play areas.

Stairway (in walkway)

Install accessible handrails along front stairs. When renovations next occur, construct entrance stairs with uniform treads and risers.

Entrance Signage

Directional and Informational Signage - Provide accessible directional and informational signage at inaccessible entrance and exit doors, to inform visitors where nearest accessible entrance and exit is located. Signage should be located adjacent to an accessible route and include at least one unobstructed level and smooth space in front at least 5 feet in diameter for viewing.

Accessible informational signage is needed where facility rules and information about facility spaces is provided to the public. These signs should have a non-glare finish with characters that have a high contrast to the background.

Mount visual signs so that the baseline of the lowest character is between 40"-70". Preferably, the top line of the sign should be readable by people who are both standing and sitting.

Directional and Informational signage has specific ADA compliance regulations- see ADA 705 Signs.

Entrances Where a directional sign is required, it should be located to minimize backtracking. In some cases, this could mean locating a sign at the beginning of a route, not just at the inaccessible entrances to a building. See ADA Advisory 216.6.

Two-Way Communication

Install an Entrance intercom that includes both visual and audible signals. Locate this intercom and along an accessible route.
(Photo 6)

Audible and Visual Indicators. A light can be used to indicate visually that assistance is on the way. Signs indicating the meaning of visual signals should be provided. See ADA Advisory 708.2

Access to Programs: Basement Programs and Services



Photo 9

Issues:

Lunch Program - The Lunch Program is located in the basement, which can only be accessed by the north and south basement stairwells. (Photo 9)

Lunch Program Dining Surfaces - Knee clearance is not provided because there is only 21 inches provided from floor to bottom of table.

Payment Office - The payment office is located in the basement, which is only accessed by stairwells on the north and south side of building. (Photo 11)



Photo 10

Recommendations:

Lunch Program

Provide ADA-compliant vertical access to the basement; or, relocate the Lunch Program to an accessible location.

Lunch Program Dining Surfaces

Provide at least one table with 24 inches, minimum, between floor and bottom of table to allow for knee clearance.

Payment Office

Provide an alternate accessible place to pay in person for the programs and services within this building, such as the first floor office after modifications are made to the exterior routes and walkways, parking, intercom and signage.



Photo 11

Access to Programs - Interior Staircases and Doors



Photo 12

Issues:

Interior Staircases - The staircases leading to the basement programs lack handrails on both sides, the treads are not uniform, and the handrail gripping surfaces do not extend beyond and in the same direction of stair flights at bottom. (Photo 12)

Doors - Doors in basement area have hardware that is not accessible, because the knobs are not operable with one hand and require tight grasping, pinching, or twisting of the wrist. (Photo 13)



Photo 13

Recommendations:

Interior Staircases

Provide handrails on both sides of staircases. At the bottom of the stairs, extend handrails at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing, - for both basement stairwells, the bottom tread depth is 21 inches. The bottom handrail extension should return to the basement landing floor surface.

Doors

Replace inaccessible knob hardware throughout facility with hardware that is operable with one hand and does not require tight grasping, pinching, or twisting of the wrist. Lever-operated, push-type, and U-shaped handles are acceptable designs.

Access to Programs - Signage



Photo 14

Issues:

Signage, Designation - There are no accessible room signs provided. (Photo 14)

Signage, Informational- Signs providing information about interior rooms and spaces, including egress route signage, is not accessible. (Photo 15)

Signage, Exit Doors - Tactile exit door signage is not provided at both exit doors. (Photo 16)



Photo 15

Recommendations:

Signage, Designation

Provide accessible room signage at permanent rooms or spaces, such as classrooms, offices, storage, staff-only areas and other activity area rooms. Signs should have tactile (raised) characters that are duplicated in Braille, meeting the requirements of the ADA Standards for character height, raised characters, finish and contrast. (See ADA Standards at 703, Signs.) Signs should be mounted on the wall adjacent to the latch side of the door or on the nearest adjacent wall at a height of between 48 -60 inches above the finished floor; and located so that a person may approach within 3 inches of the signage without encountering protruding objects or standing within the swing of a door. Braille should be underneath tactile characters and can be mounted at 40 inches, minimum, above finished floor.

Signage, Informational

Provide accessible informational signage where there are signs providing information about interior rooms and spaces, including



Photo 16

egress route signage. Signs should meet the requirements of the ADA Standards for character height, raised characters, finish and contrast. Visual characters should be mounted at 40 inches, minimum, above floor. (See ADA Standards at 703, Signs and at Table 703.5.5, Visual Character Height)

Signage, Exit Doors - Provide tactile exit door signage at a height of between 48 -60 inches above the finished floor, located on the latch side of the door.

Access to Programs - Play Area



Photo 17

Issues:

Play Area - A school play area less than 1000 SF adjoins the entry walkways in front.

- There is no accessible route between the School building and the outdoors play area.
- The route within the playground connecting the play components does not have level, smooth and slip-resistant surface conditions. (Photo 9)

Recommendations:

Play Area

- Modify existing site pathways from rear ramped entrance to play area to provide at least one accessible route between the School and the outdoors play components. Ensure that at least one entry into play area is provided that is smooth, level and slip-resistant.
- Replace or refresh ground surface materials under play components to ensure that ground surfaces are stable, firm, and slip resistant, with cross slopes not exceeding 1:48 and run slopes not exceeding 1:16. Ground surfaces should comply with ASTM F 1951; and be inspected and maintained regularly and frequently to ensure continued compliance with ASTM F 1951

Play Area Maneuvering Space. Clear floor or ground spaces, turning spaces, and accessible routes are permitted to overlap within play areas. Where play components include a seat or entry point, designs that provide for an unobstructed transfer from a wheelchair or other mobility device are recommended. This will enhance the ability of children with disabilities to independently use the play component. See ADA Advisory 1008.4.2 Clear Floor or Ground Space.

General Safety Considerations - Emergency Egress Route



Photo 10



Photo 11

Issues:

Emergency Egress Route - The lift provided at the ramped rear entrance is a 1990 model with no DC power listed. There may be no standby power source available. (Photo 10, Photo 11)

Recommendations:

Emergency Egress Route -

- Install a back-up battery with at least a 90-minute power supply for the rear lift.
- Ensure that accessible signage and information is provided to inform everyone, including parents and students with disabilities, of the procedures and plans for evacuating each floor.
- Ensure that all staff are aware of evacuation plans.



Approach and Entrance

Pedestrian Street Crossing



Element Pedestrian Street Crossing **type** **Record #** S11-009

Issues Crossing surface not stable/firm/slip-resistant
Not in operable working condition

Comment Crosswalk south of school is not in operable condition because curb ramps are not reciprocal crossing Summer St.- level change at curb on east side

Floor Level **Location** Summer St. / Prospect St **Room #**

Curb Ramp



Element Curb Ramp **type** **Record #** S11-010

Issues Surface not stable/firm/slip-resistant at curb ramps
Clear width at curb ramp obstructed
Curb ramp not provided as part of accessible route
Curb ramp not located properly

Comment The curb ramp on Summer ,South corner of Prospect, does not lead to a level landing and does not connect to a sidewalk

Floor Level **Location** Summer / Prospect St - E ramp **Room #**



Element Curb Ramp **type** **Record #** S11-011

Issues Curb ramp not located properly

Comment Reciprocal to Prospect/Summer street sign, this north curb ramp does not connect with an accessible route on either side

Floor Level **Location** Summer St. / Prospect St **Room #**

Accessible Route/Walkway

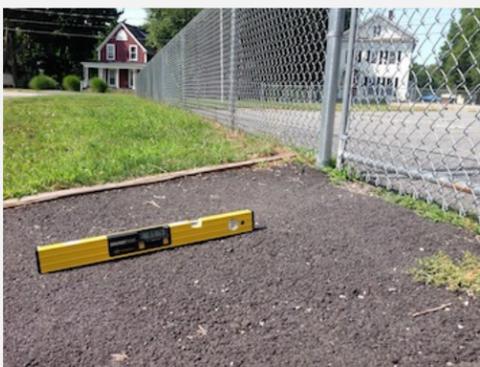


Element Accessible Route/Walkway **type** **Record #** S11-012

Issues Not provided from all site arrival points
Surface not stable, firm, and slip-resistant
Running slope >1:20
Cross slope >1:48

Comment Prospect St. sidewalks are narrow in places. Parking at school obstacle to a through-passage down sidewalk

Floor Level **Location** Summer. / Prospect St - N **Room #**



Element Accessible Route/Walkway **type** **Record #** S11-008

Issues Not provided from all site arrival points
Running slope >1:20

Comment Walkway 8.9%

Floor Level **Location** Main Entrance gate **Room #**



Off-Street Parking Spaces



Element Off-Street Parking Spaces **type** 228 **Record #** S11-000

Issues Van space not provided
Access aisle <60" wide
Access aisle does not adjoin accessible route
Surface not stable, firm, and slip-resistant

Comment 2 spaces/ cross slopes excessive, no van-accessible markings and no level access route. No maneuvering room to rear ramp while driveway

Floor Level **Location** reardriveway, HP space **Room #**

Gate



Element Gate **type** **Record #** S11-007

Issues Surface not level

Comment Office for Taunton Extended Day Service
Cross slope>

Floor Level **Location** Main entrance gate **Room #**



Element Gate **type** **Record #** S11-004

Issues Surface not level
Surface not stable/firm/slip-resistant at gates
Smooth surface not provided at bottom 10"

Comment At gate to front entrance,walkways have slopes exceeding 5% and gate does not provide accessible route to entrance or play area

Floor Level **Location** Gate to Main Entrance/play **Room #**

Stairway (in a Walkway)



Element Stairway (in a Walkway) **type** N/A **Record #** S11-003

Issues Handrails not continuous where required

Comment front entrance sign not located to prevent backtracking
risers uneven. Fire alarm a protruding object

Floor Level **Location** Main entrance **Room #**

Access to Goods and Services

Door



Element Door **type** **Record #** S11-013

Issues

Comment Front bell no visible signal provided.

Floor Level **Location** Main Entrance **Room #**



Dining or Work Surface



Element Dining or Work Surface **type** **Record #** S11-006

Issues Number of tables provided 1
 At least one or 5% accessible not provided
 Surface not stable, firm, and slip-resistant
 Clear floor space not provided

Comment picnic table adjoins a small route that does not connect to back lift

Floor Level **Location** south side of building **Room #**

Lift



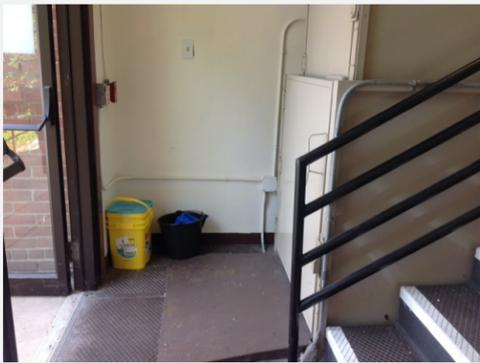
Element Lift **type** **Record #** S11-016

Issues

Comment EGRESS- Lift does not include DC power source. A platform lift without a DC power source will incur additional costs for a back-up battery.

Floor Level **Location** rear entrance / exit lift **Room #**

Signage

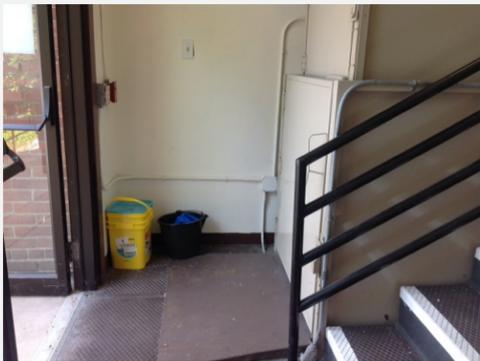


Element Signage **type** **Record #** S11-001

Issues Not provided

Comment No Egress Signage on Ext Door. Wheel-o-vator lift 8/15/90 AC power. Model CDE-42 max weight 550 lbs (car weight 155 lbs)

Floor Level **Location** rear exit door **Room #**



Element Signage **type** **Record #** S11-015

Issues Not provided

Comment There is no signage at lift regarding how to operate the lift. There is no tactile Egress signage at this rear exit. There is no signage any emergency egress procedures

Floor Level **Location** rear entrance / exit lift **Room #**



Element Signage **type** **Record #** S11-014

Issues Finish and contrast not provided

Comment Signage to the front door for Extended day Program located on inaccessible door, not along accessible route. Same for intercom. Sign pointing to rear not located along accessible route.

Floor Level **Location** Main Entrance **Room #**

Additional Access



Playground



Element Playground

type

Record # S11-005

Issues

Comment Play area- bordered, no accessible route from school to playground, no accessible route within play ground to play components

Floor Level

Location outside play area

Room #

Public Safety Buildings

Fire Stations



This report reviews the accessibility conditions at six Taunton Fire Stations:

Central Fire Station, 19 - 23 Leonard St., Built 1869

Weir Fire Station and Community Policing Substation, 528 Weir St., Built 1889

Bay St. Fire Station and Community Policing Substation, 333 Bay St., Built 1888

East Taunton Fire Station, 410 Middleboro Ave., Built 1899

Oak Street Fire Station, Fire Department Offices and Polling Location, 75 Oak St., Built 1965 (1915?)

Oakland Fire Station, 49 North Walker St., Built 1999

Although dates of renovations were not shared with IHCD, it is known that the Central Fire Station began a major renovation project in 2008.

Overview

The ADA does not require that firehouses be renovated unless renovations are necessary to provide program access. **Taunton's responsibility, absent a significant renovation, is to make programs, services, and activities accessible to the public by whatever means necessary including relocating those programs.**

Should a building be 'altered' or renovated:

If existing elements, spaces, or common areas are altered, each altered element, space, feature, or area shall comply with the applicable ADA requirements for new construction.

As renovations are made to the existing facilities, these will need to be brought into compliance to the maximum extent possible where those renovations affect, or could affect the usability of the facility.

Employee work areas:

Areas used only by employees *as work areas* are subject to a more limited set of requirements. “Work area” is defined as a space or area where a task is performed that is part of the job description and requirement

Under the ADA, employee *work areas* must be designed and constructed to that employees can enter and exit such areas. In practical terms, this means that the doorways into and out of the work area should be at least 32 inches wide, with a threshold not exceeding 1/2 inch, bevelled; and that door hardware should be accessible (e.g., lever handles).

Areas that are considered *common-use areas* under the ADA include, for example, restrooms and shower facilities, employee lounges, eating areas, and exercise facilities. These common-use areas must be constructed or altered in full compliance with ADA (or to the maximum extent feasible), whether or not they are open to the public or are planned to be used solely by employees.

Central Fire Station:



Photo 1

Issues:

Approach and Entrance - The side entrance to this Fire Station is an 8-inch step. (Photo 1)

The Front Entrance to this Fire Station is also a step. (Photo 2)

Interior Ramp - The ramp between the lobby and the apparatus room has excessive slopes and does not have handrails on both sides. (Photo 3)

Coat Hook - The Central Fire Station has one toilet room designated as accessible. The coat rack provided outside the door is too high to be accessible.



Photo 2

Recommendations:

Approach and Entrance - A critical accessibility need at this Fire Station is an accessible entrance. Considering that this Fire Station is undergoing renovations, at least the front entrance will need to be accessible to the maximum extent possible. The side entrance may require a State variance based on the structural infeasibility of adding a ramp to that location, since it is along a public sidewalk.

Until an accessible entrance is provided, any public services provided from within this facility should be relocated to an accessible facility.

Interior Ramp - The ramp should be reconstructed to provide an accessible ramp, with handrails on both sides and a level top and bottom landing, between the lobby area and the apparatus room.

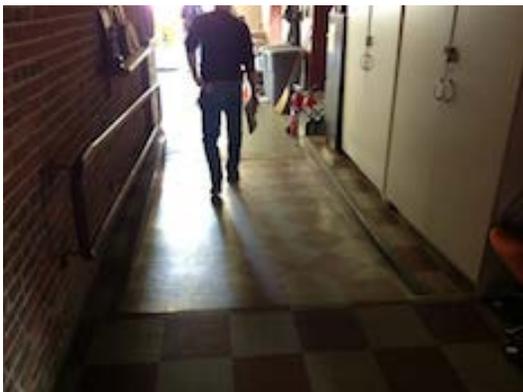


Photo 3



Photo 4

Coat Hook - Mount coat hooks no higher than 48 inches above the floor.

Weir Fire Station and Community Policing Substation



Photo 1

Issues:

Approach and Entrance - The public entrance to this Fire Station includes a threshold with a two-inch level change and a pedestrian approach that lacks accessible cross slopes. (Photo 1)

Walk-Off Mats - Along with the lack of accessible threshold at the entrance, the unsecured mat in front of the door is a tripping hazard. (Photo 2)

Toilet Room - Overall, the toilet room has few accessibility features. For example, turning space is not provided, accessible plumbing fixtures are not installed, and clear space is not provided in front of the sink. (Photo 3)

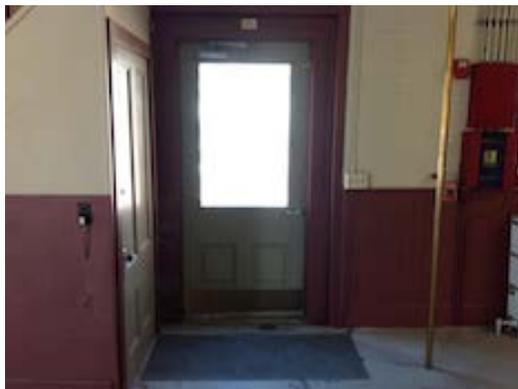


Photo 2

Recommendations:

Since this is used as a Community Policing Substation, an accessible approach and entrance are essential to continue providing programs here. Otherwise, relocate public programs to an accessible location.



Photo 3

Approach and Entrance - A graded pathway from the sidewalk to the door may be a possibility. This pathway will slope no more than 1:20 (5%) and include the following requirements: Pathway will be at least 36 inches wide and consist of ground surface materials that are level, smooth, and slip-resistant. Pathway will have cross slopes that do not exceed 1:48 (2.08%) and run slopes that will not exceed 1:20 (5%). Pathway will incline to be flush with a minimum door threshold.

The door threshold should meet the graded path with no more than a 1/2 inch beveled threshold.

Replace the doorbell with an intercom that includes both visual and auditory signals. Mount the intercom no higher than 48 inches above the ground on a level clear space adjoining the accessible pathway at the door.

Walk-Off Mats - Install an absorbent mat with beveled edges, adhered to the floor.

Toilet Room -

Short term: Increase the accessibility of the current toilet room by providing a side grab bar, a rear grab bar.

Grab bars: These should be mounted 1 - 1 1/2 inches from the wall, and between 33 - 36 inches above the floor. Both grab bars must be tight in their fittings, non-rusting and acid-etched or roughened (MAAB), and be capable of resisting 250 lbs. of horizontal or vertical force. The side grab bar should be at least 42 inches long and the rear grab bar should be at least 36 inches minimum, centered behind the toilet.

If current space permits, the side grab bar should be mounted at least 12 inches from rear of water closet, so that it can be used for both approach and use of the toilet.

Long Term: If programs will continue to be provided at this facility, renovate all portions of this facility that are public and common-use spaces to be fully accessible. This includes providing at least one wheelchair-accessible unisex toilet room.

Bay St. Fire Station and Community Policing Substation



Photo 1

Issues:

Approach and Entrance - There are two inaccessible entrances and a pathway to the door that is not level, smooth or slip-resistant. (Photo 1)

Recommendations:

Approach and Entrance –

Short term: Provide an accessible graded pathway from the public sidewalk to the Baby Safe Haven drop-off platform. This pathway should be a continuous 36-inch, minimum, level, smooth and slip-resistant path that will have a run slope not exceeding 5% and with cross slopes continuously not exceeding 2% from the sidewalk to the entrance area.

Install a Two-Way Communication system at the main door that has both audible and visible signals.

Relocate any public programs or services provided within this facility to an accessible location.

East Taunton Fire Station



Photo 1

Issues:

Approach and Entrance - The Entrance is not connected to an accessible route. The threshold is over 1/2 inch high, and the hardware is inoperable with one hand. (Photo 1)

Interior Route - An unsecured walk-off mat compromises the interior pathway. (Photo 2)

Parking - There are four marked parking spaces and non are marked for accessible parking. The exterior walkway from parking area to door has excessive slopes and is not continuously smooth. (Photo 3)



Photo 2

Recommendations:

Approach and Entrance - A graded pathway from the sidewalk to the door may be a possibility. This pathway will slope no more than 1:20 (5%) and include the following requirements: Pathway will be at least 36 inches wide and consist of ground surface materials that are level, smooth, and slip-resistant. Pathway will have cross slopes that do not exceed 1:48 (2.08%) and run slopes that will not exceed 1:20 (5%). Pathway will incline to be flush with the least necessary door threshold.

The door threshold should meet the graded path with no more than a 1/2 inch beveled threshold.

Interior Route - Install an absorbent mat with beveled edges, secure to the floor, at locations where walk-off mats are deemed appropriate.



Photo 3

Parking - Establish at least one accessible parking space in the facility lot. Both the parking space and the access aisle serving it must be 8-feet wide. The ground surface at the parking space and access aisle, and between the access aisle and the entrance to the building, should be level in all directions. "Level" means that the slope of the ground will not exceed 2.08% in any direction.

Oak Street Fire Station, Fire Department Offices and Polling location

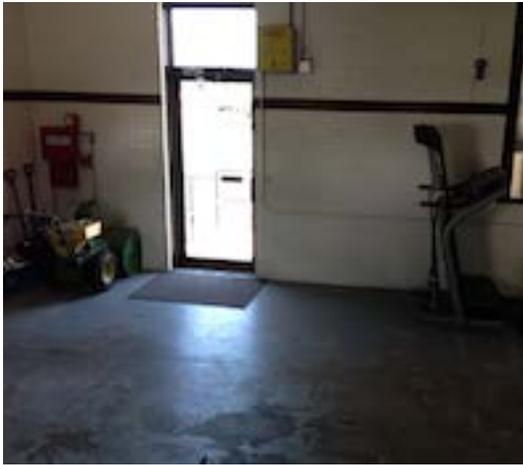


Photo 1

Issues:

Interior route - Unsecured mat at entrance door compromises safety and may cause tripping hazards. (Photo 1)

Public Toilet Room - Overall, the toilet room has few accessibility features. For example, turning space is not provided, accessible plumbing fixtures are not installed, and clear space is not provided in front of the sink. There are no grab bars provided and the toilet paper is located far from the water closet. (Photo 2)

2nd Floor Program Access - 2nd Floor Programs are not accessible because there are stairs but no accessible vertical access, such as an elevator, to the second floor.

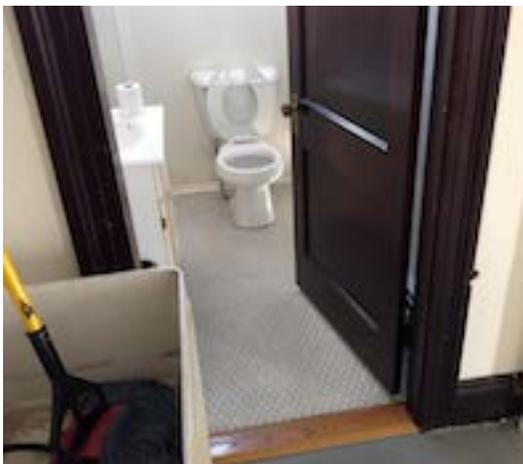


Photo 2

Recommendations:

Interior Route - Install an absorbent mat with bevelled edges, secure to the floor at locations where walk-off mats are deemed appropriate.

Public Toilet Room - it may be possible to increase accessibility within this toilet room with the following improvements:

Relocate toilet so that the centerline is no further than between 16 - 18 inches from the wall. Add rear and side grab bars and install toilet paper dispenser 7 - 9 inches in front of water closet no higher than 48 " above floor. OR Add blocking to the wall, interior or exterior to the existing wall that will safely support a side grab bar at the toilet.

Program Access - Relocate all programs, services and activities located on the second floor to an alternate accessible location. This may be the first floor of this facility after accessibility renovations to interior route and Toilet Room are completed.

Oakland Street Fire Station, Fire Department Offices and Polling location



Photo 1

Issues:

The Oakland Street Fire Station is an accessible facility but there are a few minor issues that need attention:

Parking - The parking lot has been well marked and the signage and widths of spaces are accessible. However, the cross slopes at one access aisle and space are excessive. (Photo 1)



Photo 2

Interior route - An unsecured mat at entrance door compromises safety and may cause tripping hazards. (Photo 2)

Designation Signage - The designation signage should be mounted on the latch side of the door between 48 - 60 inches above the floor. (Photo 3)

Toilet Room - The pipes under the sink are exposed. The mirror above the sink is mounted too high to be accessible. (Photo 4)

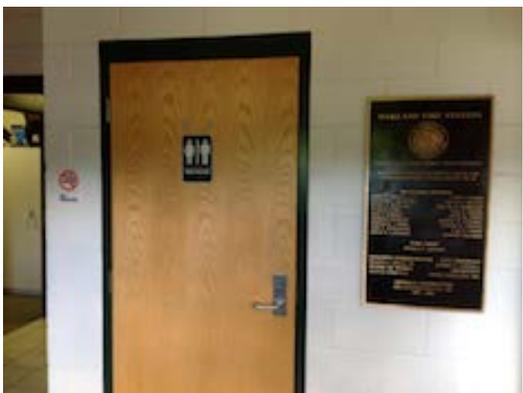


Photo 3

Recommendations:

Parking - The cross slopes are up to 5% and will require mitigation because it is necessary to have level cross slopes when dismounting and transferring from the car or van to a wheelchair.

Either relocate the parking spaces to another area that is level and adjoin an accessible route to the door; or regrade this area of the parking lot so the cross slopes do not exceed 2%. Restripe and stencil the area if needed.



Photo 4

Interior Route - Install an absorbent mat with bevelled edges, adhered to the floor at locations where walk-off mats are deemed appropriate.

Designation Signage - Remount the designation signage at the toilet room so it is on the latch side of the door and mounted at between 48 - 60 inches above the floor.

Toilet Room - Insulate or cover the pipes under the sink. Mount the mirror so the bottom edge is no higher than 40 inches above the floor.



Approach and Entrance

Entrance



Element Entrance type Record # PS2-1
Issues Not connected to an accessible route

Comment 8" step

Floor Level ext Location entrance Room #



Element Entrance type Record # PS2-2
Issues Not connected to an accessible route

Comment

Floor Level ext Location entrance Room #

Access to Goods and Services

Ramp (Interior)



Element Ramp (Interior) type Record # PS2-3
Issues Handrails not continuous where required

Comment handrail provided on one side only

Floor Level 1 Location apparatus room Room #

Toilet or Bathing Rooms

Accessory



Element Accessory type Coat Hook Record # PS2-4
Issues Controls > 48" height 66"

Comment

Floor Level 1 Location accessible toilet room Room #



Approach and Entrance

Entrance



Element Entrance **type** At-grade entrance **Record #** PS3-1
Issues Threshold >1/2" high 1/2"

Comment

Floor Level ext **Location** entrance **Room #**

Access to Goods and Services

Interior Route



Element Interior Route **type** N/A **Record #** PS3-2
Issues Carpet not securely attached

Comment

Floor Level 1 **Location** apparatus room **Room #**

Toilet or Bathing Rooms

Overall Access



Element Overall Access **type** Single-user, **Record #** PS3-3
Issues Turning space not provided
Accessible plumbing fixtures or stalls not provided
Accessible Accessories not provided
Visual & visible alarm not provided
Clear floor space not provided in toilet room

Comment

Floor Level 1 **Location** toilet room **Room #**



Approach and Entrance

Entrance



Element Entrance

type Stepped entrance

Record # M6-023

Issues Not connected to an accessible route

Comment

Floor Level ext

Location entrance

Room #



Approach and Entrance

Off-Street Parking Spaces



| | | | | | |
|--------------------|---|-----------------|-------------|-----------------|-------|
| Element | Off-Street Parking Spaces | type | | Record # | PS5-3 |
| Issues | Total # of parking spaces Total # of designated accessible spaces Minimum number of spaces not provided Van space not provided | | 4 0 | | |
| Comment | | | | | |
| Floor Level | ext | Location | parking lot | Room # | |

Entrance



| | | | | | |
|--------------------|---|-----------------|-------------------|-----------------|-------|
| Element | Entrance | type | At-grade entrance | Record # | PS5-1 |
| Issues | Not connected to an accessible route Threshold >1/2" high Hardware inoperable | | 1" | | |
| Comment | | | | | |
| Floor Level | ext | Location | entrance | Room # | |

Access to Goods and Services

Interior Route



| | | | | | |
|--------------------|------------------------------|-----------------|-----------|-----------------|-------|
| Element | Interior Route | type | N/A | Record # | PS5-2 |
| Issues | Carpet not securely attached | | | | |
| Comment | | | | | |
| Floor Level | 1 | Location | vestibule | Room # | |



Approach and Entrance

Off-Street Parking Spaces



| | | | | | |
|--------------------|---|-----------------|-------------|-----------------|-------|
| Element | Off-Street Parking Spaces | type | | Record # | PS7-1 |
| Issues | Total # of parking spaces | | 10 | | |
| | Total # of designated accessible spaces | | 2 | | |
| Comment | slopes up to 5% | | | | |
| Floor Level | ext | Location | parking lot | Room # | |

Access to Goods and Services

Interior Route



| | | | | | |
|--------------------|------------------------------|-----------------|-------|-----------------|-------|
| Element | Interior Route | type | N/A | Record # | PS7-2 |
| Issues | Carpet not securely attached | | | | |
| Comment | | | | | |
| Floor Level | 1 | Location | lobby | Room # | |

Signage



| | | | | | |
|--------------------|---------------------|-----------------|--------------------|-----------------|-------|
| Element | Signage | type | N/A | Record # | PS7-3 |
| Issues | Provided, misplaced | | | | |
| Comment | | | | | |
| Floor Level | 1 | Location | unisex toilet room | Room # | |

Toilet or Bathing Rooms

Lavatory



| | | | | | |
|--------------------|---|-----------------|--------------------|-----------------|-------|
| Element | Lavatory | type | Other | Record # | PS7-4 |
| Issues | Exposed plumbing underneath | | - | | |
| | Mirror above lavatory w/ reflective surface > 40" | | 48" | | |
| Comment | | | | | |
| Floor Level | 1 | Location | unisex toilet room | Room # | |



Access to Goods and Services

Interior Route



Element Interior Route type N/A Record # PS6-1

Issues Carpet not securely attached

Comment

Floor Level 1 Location apparatus room Room #

Toilet or Bathing Rooms

Overall Access



Element Overall Access type Record # PS6-2

Issues Turning space not provided
Accessible plumbing fixtures or stalls not provided
Accessible Accessories not provided
Visual & visible alarm not provided
Clear floor space not provided in toilet room

Comment

Floor Level 1 Location toilet room Room #

Police Station



Location:

23 Summer Street

Year Built:

Unknown

Known Renovations since 1991:

2001

The Central **Police Station** is a 1-story brick/masonry facility originally used as a grocery store. On the southwest side closest to the entrance is a parking area that includes two designated parking spaces. A large lobby area is mostly accessible.

In the secured area of the station are interview rooms, and eight holding cells. No cells are accessible due to lack of minimal doorway and maneuvering space. A public pay phone does not include TTY capability. There is a unisex toilet room that has some accessible features; however, the flush valve is not located on the approach side of the toilet.

The issues identified above compromise program access to the Police Station relative to interviews and detention.

Approach and Entrance



Photo 1

Issues:

Parking - The parking area has two designated accessible parking spaces; neither provides an accessible aisle, and no van-accessible space is marked or provided. Ground surface conditions are not smooth, level and slip-resistant to the entrance door. (Photo 1)

Recommendations:

Parking - Establish at least two accessible parking spaces, with one space providing a Van-Accessible space. The Van-Accessible space should be a minimum of 8 feet wide, with an adjacent access aisle of a minimum 8 feet. Alternative, the Van-Accessible space can be 11 feet wide, with an adjacent access aisle 5 feet wide. The car accessible space should be at least 8 feet wide with an adjacent access aisle of at least 8 feet wide. Two accessible parking spaces can share an access aisle.

The path between the parking spaces and the entrance door should be level, smooth and slip-resistant in all directions. "Level" means not exceeding a 2.08% slope in all directions.

A parking sign with the words "van-designated" must be mounted at the head of the parking space between 5' and 8' above the ground

Access to Programs



Photo 2

Issues:

Door - The transition between the floor and carpet at the threshold to the secure area includes a width gap of 1/2 inches. This impedes accessibility for people using mobility devices and can cause tripping hazards for others. (Photo 2)

Public Telephone - The public telephone in an intake room does not include TTY capability.

Interview Room - The interview room does not provide clear maneuvering space and the table does not provide minimal knee clearance. (Photo 4)

Signage, Information - There is a lot of information displayed in the Lobby that is not provided in accessible visible text or mounted at a height that can be viewed from a seated position.

Holding Cells - The holding cell doors do not provide at least 32 inches minimum passageway.

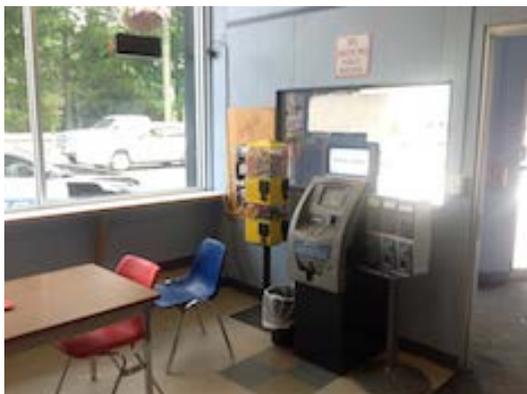


Photo 3

Recommendations:

Door

Install a metal or groove threshold that is flush with interior and exterior floor surfaces at the doorway between lobby and secured area.

Public Telephone

Establish a TTY phone line in the Police Station and install a TTY/TDD device in an accessible location to be used by people with hearing and speech impairments. Train staff on the use of the MA Relay Line (711) and on effective communications procedures. Install the International Symbol of TTY at the device.



Photo 4



Photo 5

If the TTY/TDD device is in a room different from the public telephone, provide directional signage to the TTY/TDD device.

Ensure that sufficient electrical service is available where TTYs are to be installed.

Interview Room - Replace the table in the interview room with one that is between 28 - 34 inches above the floor with clear 27 inches underneath the table for knee clearance. Ensure that an unobstructed path of at least 36 inches is provided from the door to the clear floor space made available for wheelchair seating. This clear floor space will be at least 30 inches wide and 48 inches in length, with 17 - 25 inches overlapping under the table and the remaining clear space not overlapping with circulation paths within the room.



Photo 6

Signage, Information - Signs that provide direction to or information about interior spaces and facilities of the site- including signs about rules of conduct, direction to rooms or spaces and signs that identify egress routes- should be provided in accessible visual format and mounted at between 48 - 60 inches above the floor.

These signs will have a non-glare finish with characters that have a high contrast to the background.

Holding Cells - The ADA calls for a minimum of 3% of cells to be accessible, and for at least one cell to be accessible to people with hearing impairments. Accessible cells will have at least 32-inch door widths, adequate turning clearances and accessible hardware in cells, beds that allow for safe transfer from a wheelchair, accessible grab bars, maneuvering space, effective communication devices where needed, alarms, and accessible showers if showers are provided.

After reviewing the facility plans and available resources, if the City concludes that it will not be feasible to provide at least one accessible unisex holding cell through making architectural modifications, then the City should enact and implement a policy that individuals who are unable to use the holding cell will be transferred to an accessible facility for bail or incarceration.

Access to Amenities



Photo 7

Issues:

Unisex Toilet Room - Although the unisex toilet room has many accessible features, the flush valve on the water closet is located on the wall side, instead of the open side, of the toilet. (Photo 7)

The sink provides knee and toe clearance and the faucets are accessible. However, the pipes under the sink are not insulated.

Recommendations:

Unisex Toilet Room - Replace toilet in unisex room with one that has the flush valve on the approach side of the toilet.

Insulate the pipes under the sink.



Photo 8

General Safety Considerations

Recommendations:

Walk-off Mats - Use duct tape or double-sided industrial-strength tape to fasten the edges of existing unsecured walk-off mats. Alternatively, purchase walk-off mats that are ADA-compliant. These mats will have reinforced stiff corners, beveled edges, and a low pile and profile.



Approach and Entrance

Off-Street Parking Spaces



| | | | | | |
|--------------------|--|-----------------|-------------|-----------------|------|
| Element | Off-Street Parking Spaces | type | | Record # | P1-1 |
| Issues | Total # of parking spaces Total # of designated accessible spaces Van space not provided | | 30+ 2 | | |
| Comment | striping not highly visible | | | | |
| Floor Level | ext | Location | parking lot | Room # | |

Access to Goods and Services

Door



| | | | | | |
|--------------------|----------------------|-----------------|-----------|-----------------|------|
| Element | Door | type | Vestibule | Record # | P1-2 |
| Issues | Threshold >1/2" high | | 1/2" | | |
| Comment | | | | | |
| Floor Level | 1 | Location | vestibule | Room # | |

Interior Route



| | | | | | |
|--------------------|------------------------------|-----------------|-------|-----------------|------|
| Element | Interior Route | type | | Record # | P1-3 |
| Issues | Carpet not securely attached | | | | |
| Comment | | | | | |
| Floor Level | 1 | Location | lobby | Room # | |

Dining or Work Surface



| | | | | | |
|--------------------|--|-----------------|----------------|-----------------|------|
| Element | Dining or Work Surface | type | | Record # | P1-4 |
| Issues | Number of accessible tables provided Toe or knee clearance at tables not provided | | - 25" | | |
| Comment | | | | | |
| Floor Level | 1 | Location | interview room | Room # | |

Toilet or Bathing Rooms

Lavatory



| | | | | | |
|--------------------|-----------------------------|-----------------|--------------------|-----------------|------|
| Element | Lavatory | type | Other | Record # | P1-5 |
| Issues | Exposed plumbing underneath | | | | |
| Comment | | | | | |
| Floor Level | 1 | Location | unisex toilet room | Room # | |



Toilet



Element Toilet **type** **Record #** P1-6

Issues Flush valve too high or not properly located

Comment

Floor Level 1 **Location** unisex toilet room **Room #**

Additional Access



Element **type** **Record #** P1-7

Issues

Comment 1 juvenile, 2 female, 5 male holding cells, no accessible holding cells provided

Floor Level 1 **Location** holding cells **Room #**

Public Telephones



Element Public Telephones **type** N/A **Record #** P1-8

Issues Clear space not provided at telephone
Non-compliant hardware

Comment no TTY capability

Floor Level 1 **Location** lobby **Room #**

Parking Facilities

Public Parking Facilities



This report reviews the accessibility conditions at six public parking facilities:

Parking Deck
Leonard Street

Trescott Street Lot
Trescott Street

Galligans Court Lot
Galligans Court

Court Street Parking Lot
Court Street

Weir Street Parking Lot
Weir Street

Bay Street Municipal Lot
Bay Street

Overview

Public parking facilities were surveyed per the following specifications:

Minimum Number of Required Accessible Parking Spaces - The number of parking spaces required to be accessible is based on the ADA Standards at 208.2, Minimum Number. The required spaces are calculated separately for each parking facility. If only one space is required, it should be a van-designated space.

Striping - Car parking spaces should be 96 inches wide minimum and Van parking spaces should be 132 inches wide minimum. Spaces should be marked to define the width, and should have an adjacent access aisle of 60 inches width, minimum. Alternatively: Van parking spaces are permitted to be 96 inches wide minimum where the access aisle is 96 inches wide minimum.

Access Aisles - Access aisles are considered part of an accessible parking space and should adjoin an accessible route. Two parking spaces are permitted to share a common access aisle. Access aisles should not overlap the vehicular way.

Signs - Where there are 4 or more accessible parking spaces, signs should be provided and located at the head of the space, be at least 60 inches above the ground (measured to the bottom of the sign), and include the International Symbol of Accessibility. Signs identifying van parking spaces should contain the designation "van accessible."

Accessible Routes - Parking spaces should adjoin an accessible route leading to the entrances or areas they serve.

- **Ground Surface** Ground surfaces should be level, smooth and slip-resistant.
- **Slopes** Cross slopes in the access aisles should not exceed 2.08% in any direction. Walkway run slopes should not exceed 5%.
- **Curb ramps** Curb ramps along the routes should be constructed according to ADA standard dimensions.

Parking Deck



Photo 1 Parking Deck



Photo 2 Parking Deck

Also known as the Leonard Street Garage, this two-story concrete structure is currently under renovations. Vehicular access is off Leonard Street while pedestrian access is offered on School Street and along the Broadway Arcade.

Issues:

Minimum Number of Required Accessible Parking Spaces - The total number of parking spaces is 250+. The Minimum Number of Required Accessible Parking Spaces is 7. The number of parking spaces provided is 4.

The number of required spaces is not met and this lot lacks at least one Van-Accessible Space. (Lot was still under construction during survey).

Striping - Striping of accessible parking spaces is not highly visible.

Signs - Signs at level 2 are less than 60" above ground.

Accessible Routes -

- **Ground Surface** - On level 2, the accessible parking space located near the building entrance presents a deteriorated ground surface.
- **Slopes** - Cross slopes in the access aisles should not exceed 2.08% in any direction. Walkway run slopes should not exceed 5%.
- **Curb ramps** - Curb ramp near Southeast stairwell exceeds maximum allowable running slope.

Stairwells - the stairwell in this facility does not have handrails on both side.

Recommendations:

At completion of construction, ensure that at least 7 accessible parking spaces are provided, including one van-designated space. Mitigate slope and ground surface issues and ensure that markings are highly visible at each section of lot where accessible spaces are provided. Provide the required accessible handrails on both sides of parking facility stairwell.

Trescott Street Lot



Photo 1



Photo 2

This parking facility is located between Cedar and Trescott Streets. Accessible parking spaces are located in two separate areas near each entrance.

Issues:

Minimum Number of Required Accessible Parking Spaces - There are 105 spaces provided in lot. The total number of required spaces is 5. The number of provided accessible spaces is 4. The number of required spaces is not met. This lot lacks at least one Van-Accessible Space.

Striping - Striping of accessible parking spaces is not highly visible.

Access Aisles - Access aisles are not provided with designated parking spaces.

Signs - The signs are less than 60' above the ground.

Accessible Routes -

- **Ground Surface** - Ground surfaces are not level, smooth and slip-resistant.
- **Slopes** - Cross slopes are excessive within adjoining pedestrian routes.

Recommendations:

Regrade and restripe parking lot to ADA standards. Provide the required access aisles and ensure that ground surfaces are smooth, level and slip-resistant with cross slopes in access aisles and accessible routes not exceeding 2.08%.

Galligans Court Lot



Photo 1



Photo 2

At this lot, the accessible parking spaces are located in two separate areas near each entrance.

Issues:

Minimum Number of Required Accessible Parking Spaces - There are 65+ parking spaces in the lot. There are 4 designated accessible spaces provided; however, there is not at least one Van-Accessible Space.

Striping - Striping of accessible parking spaces is not highly visible. (Photo 1, Photo 2)

Access Aisles - Access aisle markings are not highly visible.

Signs - Signs are not mounted at least 60" above the ground. (Photo 1, Photo 2)

Accessible Routes - Parking spaces should adjoin an accessible route leading to the entrances or areas they serve.

- **Ground Surface** Ground surfaces are not level.
- **Slopes** The accessible parking spaces located near Lincoln Street exceed the maximum allowable slope.

Recommendations:

Install at least one van-designated accessible parking space. Restripe to ensure that markings are highly visible. Regrade where necessary to ensure that ground surfaces are smooth, level and slip-resistant with cross slopes in access aisles and accessible routes not exceeding 2.08%.

Court Street Parking Lot



Photo 1



Photo 2

This fee-based parking lot is the most accessible municipal parking facility. It offers the required number of accessible parking spaces, signs are correctly located, striping is highly visible.

However, the crosswalk across Court Street lacks the required curb ramp.

Total number of parking spaces: 193

Total number of accessible parking spaces provided is 7, including one van-designated space.

Issues:

Accessible Route -

- **Cross slopes** There are excessive cross and run slopes adjoining the curb ramp near two accessible spaces. (Photo 1)
- **Curb ramps** One accessible curb ramp is needed at the reciprocal end of crosswalk near accessible parking spaces. (Photo 2)

Recommendations:

Install an accessible curb ramp reciprocal to the one provided at the Court Street crosswalk shown in Photo 1.

Replace or repair sidewalk panel in front of access aisle shown in Photo 2 to provide cross slopes not exceeding 2.08%.

Weir Street Parking Lot



This small parking lot is located at the intersection of West Water, Weir, and Ingell Streets adjacent to a restaurant.

Issues:

Minimum Number of Required Accessible Parking Spaces - There are 25+ spaces in this lot. There is one accessible parking space provided. The number of required spaces is not met because this lot lacks at least one Van-Accessible Space and should have at least 2 accessible parking spaces.

Striping - Striping of accessible parking spaces is not highly visible.

Access Aisles - No access aisles are provided.

Recommendations:

Restripe parking lot to ADA standards, providing at least one van accessible space with access aisle and one car accessible space. Spaces may share an access aisle.

Bay Street Municipal Lot



This small parking lot is located at the intersection of Whittenton and Bay Streets. No accessible parking space is provided at this facility.

Issues:

Minimum Number of Required Accessible Parking Spaces - The number of parking spaces in this lot is 14+. No accessible parking spaces are provided. The lot requires at least one van-designated space.

Recommendations:

Regrade and restripe parking lot to ADA standards. Provide the required access aisles and ensure that ground surfaces are smooth, level and slip-resistant with cross slopes in access aisles and accessible routes not exceeding 2.08



Approach and Entrance

Curb Ramp



| | | | | | |
|--------------------|--|-----------------|--------------------------|-----------------|-------|
| Element | Curb Ramp | type | N/A | Record # | P-008 |
| Issues | Running slope at curb ramp > 1:12 | | 9.3% | | |
| Comment | Across from School St. Apts. Run slope measurement at -71.091931, 41.902862 | | | | |
| Floor Level | ext | Location | near southeast stairwell | Room # | |

Off-Street Parking Spaces



| | | | | | |
|--------------------|--|-----------------|--------------------------|-----------------|-------|
| Element | Off-Street Parking Spaces | type | Guest / Visitor | Record # | P-005 |
| Issues | Total # of parking spaces | | 250+ | | |
| | Total # of designated accessible spaces | | 7 | | |
| | Van space not provided | | | | |
| Comment | striping not highly visible Deck still under construction; not fully surveyed | | | | |
| Floor Level | | Location | near southwest stairwell | Room # | |



| | | | | | |
|--------------------|---|-----------------|--------------------------|-----------------|-------|
| Element | Off-Street Parking Spaces | type | Guest / Visitor | Record # | P-006 |
| Issues | Total # of parking spaces | | 250+ | | |
| | Total # of designated accessible spaces | | 7 | | |
| | Van space not provided | | | | |
| Comment | striping not highly visible | | | | |
| Floor Level | ext | Location | near southeast stairwell | Room # | |

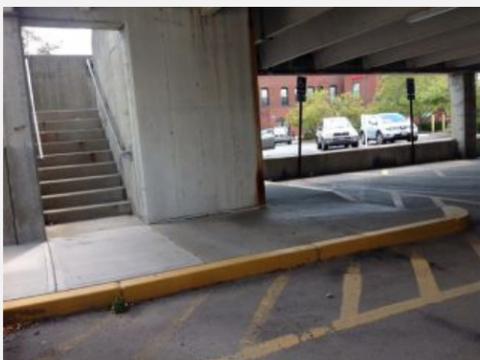


| | | | | | |
|--------------------|--|-----------------|------------------------|-----------------|-------|
| Element | Off-Street Parking Spaces | type | Guest / Visitor | Record # | P-009 |
| Issues | Total # of parking spaces | | 250+ | | |
| | Total # of designated accessible spaces | | 7 | | |
| | Van space not provided | | | | |
| | Surface not stable, firm, and slip-resistant | | - | | |
| | Sian <60" above finished floor | | 15" | | |
| Comment | | | | | |
| Floor Level | ext | Location | near building entrance | Room # | |



| | | | | | |
|--------------------|--|-----------------|--------------------------|-----------------|-------|
| Element | Off-Street Parking Spaces | type | Guest / Visitor | Record # | P-007 |
| Issues | Total # of parking spaces | | 250+ | | |
| | Total # of designated accessible spaces | | 7 | | |
| | Vehicle space <96" wide | | - | | |
| | Access aisle <60" wide | | 86" | | |
| | Access aisle does not adioin accessible route | | 58" | | |
| Comment | striping not highly visible. Access aisles not uniformly 60" and Van accessible spaces 85" and 86". Cross slopes up to 2.4%. Location: -71.092133, 41.902856. Van space not provided | | | | |
| Floor Level | | Location | near southeast stairwell | Room # | |

Stairway (in a Walkway)



| | | | | | |
|--------------------|---|-----------------|--|-----------------|--------|
| Element | Stairway (in a Walkway) | type | | Record # | 8B-063 |
| Issues | Handrails not continuous where required Handrails do not extend 12" from stairs | | | | |
| Comment | Designated accessible spaces left of inaccessible stairwell which lacks compliant handrails. Location: -71.091811N, 41.902738W | | | | |
| Floor Level | ext | Location | | Room # | |



Approach and Entrance

Off-Street Parking Spaces



| | | | | | |
|--------------------|---|-----------------|-------------------------------|-----------------|-------|
| Element | Off-Street Parking Spaces | type | Guest / Visitor | Record # | P-010 |
| Issues | Total # of parking spaces | | 105 | | |
| | Total # of designated accessible spaces | | 4 | | |
| | Minimum number of spaces not provided | | - | | |
| | Van space not provided | | - | | |
| | Sign <60" above finished floor | | 38" | | |
| Comment | two accessible parking spaces, access aisle not provided, striping not highly visible | | | | |
| Floor Level | ext | Location | entrance near Trescott Street | Room # | |



| | | | | | |
|--------------------|---|-----------------|----------------------------|-----------------|-------|
| Element | Off-Street Parking Spaces | type | Guest / Visitor | Record # | P-011 |
| Issues | Total # of parking spaces | | 105 | | |
| | Total # of designated accessible spaces | | 4 | | |
| | Minimum number of spaces not provided | | -1 | | |
| | Van space not provided | | - | | |
| | Sign <60" above finished floor | | 38" | | |
| Comment | two accessible parking spaces, access aisle not provided, striping not highly visible | | | | |
| Floor Level | ext | Location | entrance near Cedar Street | Room # | |



| | | | | | |
|--------------------|---|-----------------|----------------------|-----------------|--------|
| Element | Off-Street Parking Spaces | type | | Record # | 8B-064 |
| Issues | Sign <60" above finished floor | | 42" | | |
| Comment | Lack of access aisles = lack of accessible route. | | | | |
| Floor Level | | Location | entrance nr Main St. | Room # | |



Approach and Entrance

Accessible Route/Walkway



| | | | | | |
|----------------|--------------------------|-------------|----|-----------------|--------|
| Element | Accessible Route/Walkway | type | | Record # | 8B-062 |
| Issues | Cross slope >1:48 | | 4% | | |

Comment

| | | | | | |
|--------------------|--|-----------------|------------------------------|---------------|--|
| Floor Level | | Location | entrance near Lincoln Street | Room # | |
|--------------------|--|-----------------|------------------------------|---------------|--|

Off-Street Parking Spaces



| | | | | | |
|----------------|---|-------------|-----------------|-----------------|-------|
| Element | Off-Street Parking Spaces | type | Guest / Visitor | Record # | P-003 |
| Issues | Total # of parking spaces | | 65+ | | |
| | Total # of designated accessible spaces | | 4 | | |
| | Van space not provided | | - | | |
| | Sign <60" above finished floor | | 38" | | |

Comment two accessible parking spaces, access aisle 84" wide, striping not highly visible

| | | | | | |
|--------------------|-----|-----------------|----------------------|---------------|--|
| Floor Level | ext | Location | Weir Street entrance | Room # | |
|--------------------|-----|-----------------|----------------------|---------------|--|



| | | | | | |
|----------------|--|-------------|-----------------|-----------------|-------|
| Element | Off-Street Parking Spaces | type | Guest / Visitor | Record # | P-004 |
| Issues | Total # of parking spaces | | 67 | | |
| | Total # of designated accessible spaces | | 4 | | |
| | Surface not stable, firm, and slip-resistant | | - | | |
| | Sign <60" above finished floor | | 42" | | |

Comment two accessible parking spaces, access aisle 84" wide, slopes 4%, striping not highly visible

| | | | | | |
|--------------------|-----|-----------------|------------------------------|---------------|--|
| Floor Level | ext | Location | entrance near Lincoln Street | Room # | |
|--------------------|-----|-----------------|------------------------------|---------------|--|



Approach and Entrance

Curb Ramp



| | | | | | |
|----------------|--|-------------|--------------|-----------------|--------|
| Element | Curb Ramp | type | | Record # | 8B-060 |
| Issues | Running slope at curb ramp > 1:12 Cross slope >1:48 | | 9.2 >2.5% | | |

Comment

| | | | | | |
|--------------------|-----|-----------------|--|---------------|--|
| Floor Level | ext | Location | | Room # | |
|--------------------|-----|-----------------|--|---------------|--|

Off-Street Parking Spaces



| | | | | | |
|----------------|---|-------------|---------------|-----------------|-------|
| Element | Off-Street Parking Spaces | type | 27 | Record # | P-001 |
| Issues | Total # of parking spaces Total # of designated accessible spaces Not on shortest accessible route to an entrance | | 224 7 - | | |

Comment Not on shortest route b/c crosswalk E of King's Court lacks reciprocal curb ramp on N side of Court St.

| | | | | | |
|--------------------|--|-----------------|----------------------|---------------|--|
| Floor Level | | Location | pedestrian crosswalk | Room # | |
|--------------------|--|-----------------|----------------------|---------------|--|



Approach and Entrance

Off-Street Parking Spaces



| | | | | | |
|--------------------|---|-----------------|------------------------------|-----------------|-------|
| Element | Off-Street Parking Spaces | type | Guest / Visitor | Record # | P-012 |
| Issues | Total # of parking spaces | | 25+ | | |
| | Total # of designated accessible spaces | | 1 | | |
| | Minimum number of spaces not provided | | - | | |
| | Van space not provided | | - | | |
| | Vehicle space <96" wide | | 60" | | |
| Comment | one accessible parking space, striping not highly visible | | | | |
| Floor Level | ext | Location | entrance near W Water Street | Room # | |



Approach and Entrance

Off-Street Parking Spaces



| | | | | | |
|--------------------|---|-----------------|-----------------|-----------------|-------|
| Element | Off-Street Parking Spaces | type | Guest / Visitor | Record # | P-002 |
| Issues | Total # of parking spaces | | 14+ | | |
| | Total # of designated accessible spaces | | 0 | | |
| | Minimum number of spaces not provided | | - | | |
| | Van space not provided | | - | | |
| | Not in operable working condition | | - | | |
| Comment | no accessible parking provided | | | | |
| Floor Level | ext | Location | parking lot | Room # | |

Park and Recreation Facilities

Boyden Wildlife Sanctuary



Location:

1298 Cohannet Street

The Gertrude M. Boyden Wildlife Sanctuary is a 52-acre mostly undeveloped urban sanctuary adjacent to the Three Mile River. This facility is a vehicular- only park with a driveway entrance along Cohannet Street. The long driveway concludes at a parking area where various trails, a large and smaller picnic area, a Visitor Center with public bathroom, a Watershed Alliance cabin, and smaller contemplative settings radiate out from the driveway's end point.

The parking area is largely unmarked and uses log fencing for perimeter safety barriers. These do not provide clear smooth openings of 32" wide required for accessible approach and use of the seating, viewing, trailheads, and access to the informational signage on the other side.

During the survey, trails to the surrounding Three Mile River were closed via signage stating safety concerns; nevertheless, hikers were seen emerging from the trail with fishing gear.

Overall, with maintenance and some development of smooth and level paths connected to parking, enhanced information signage and a renovated Visitor Center, this lovely nature facility has a lot of potential to become a usable natural setting that can be accessed and enjoyed by visitors of all ages and abilities.

Approach and Entrance



Photo 1

Issues:

Parking - Parking area does not include highly visible markings and does not include any van-accessible or other accessible parking spaces with access aisles. Log safety barriers prohibit accessible approach and entry to outdoor activity areas from the parking area. (Photo 1)

Entrance - Entrance to the Visitor Center includes an accessible ramp in disrepair but does not include minimal maneuvering clearance at the door. An unsecured weather mat in front is a tripping hazard and compromises the level entry. (Photo 2)



Photo 2

Entrance to the Watershed Alliance building includes ramp in disrepair and a threshold with a high step. (Photo 3)

Door – The door to the Visitor Center lacks 18 inches clearance on the latch side of the door (Photo 2)

The door to the Watershed Alliance Building has a threshold that is a step; and hardware that cannot be operated by one hand, and requires tight grasping and twisting.

Recommendations:

Parking - When the facility is renovated, re-grade and re-stripe the parking areas. Each distinct parking area (where separated by boundary features) should include at least one designated van-accessible parking space with associated access aisle. Accessible parking should connect with entry points, trailhead signage, and public amenities via an accessible circulation route within the general public circulation areas.



Photo 3

Entrance – The entrance ramp and threshold to the Visitor Center should be repaired to include compliant low and higher handrails,

and a threshold with a level change no higher than 1/2-inch, beveled. Any weather mats at entrance should be secured.

Due to the disrepair issues, the entrance ramp to the Watershed Alliance will need to be resolved if use of this facility is continued. The top landing of the ramp should be flush with a level entrance doorway.

Door - When the Visitor Center is significantly renovated, reconfigure the entry door so there is at least 18 inches clear and level on the latch side of the door, in addition to the required minimal 32 inches level clearance at the doorway.

Make minor renovations to lower the threshold at the entrance to the Watershed Alliance. Swap out the inaccessible door hardware at the Watershed Alliance entrance for hardware that can be operated with one hand and does not require tight grasping, pinching or twisting.

Access to Programs



Photo 4

Issues:

Trails & Signage - Many trails include informational signs at the trailheads, and also important safety signs currently prohibiting use of trails leading to the riverbanks. Signage is not adjacent to accessible level-grade paths; and is not uniformly mounted between 40 - 60 inches above the ground. (Photo 4)

Picnic & Sitting Areas - Although the natural ground beneath the pine and other trees at picnic areas is mostly level, there are not smooth accessible paths to and within the picnic and fire place area to the left of the drive. In addition, seating areas near the parking and visitor area are not on level surfaces. The ground at these areas contains roots, depressions, and surface protrusions. (Photo 5)



Photo 5

Visitor Center - A Visitor Center provides information about the Sanctuary and other items. It is a small area with little maneuvering space. Renovations, repairs and reconfiguration of the space can provide accessible reach ranges and maneuvering clearance to a staff counter. Informational brochures and maps can be provided at consistent heights for independent access. (Photo 6)



Photo 6

Watershed Alliance Cabin –This cabin has significant problems with the entrance ramp and stair. There’s a lack of clearance at the door, non-compliant hardware, and a high threshold.

Recommendations:

Trails & Signage - Design an informational and directional signage program for the facility that includes the following minimal specifications: visual characters that are highly contrasted with a non-glare finish. Character fonts should be conventional and not italic, highly decorative, or other unusual forms. Pictograms should be accompanied with a text description underneath. Consider including tactile characters and Braille. For complete

ADA specifications on designation, directional and informational signage, please review ADA Standards at 703, Signs. Signs should be mounted with visual characters at least 40 inches above ground and adjoining an accessible route. There should be a clear, level and slip-free space at least 5 feet square in front of signage to allow for viewing and turn-around space.

Picnic & Sitting Areas - Provide at least one smooth accessible path to and within, the picnic and fireplace, areas to access all features, including at least one fireplace.

Provide at least 5% (or one, if less than twenty are provided) accessible tables (i.e., with clear ground space and knee and toe clearance under the table) at every distinct picnic table area.

As much as is practicable, provide at least one accessible trail of every distinct type as is provided to the general public and signed as safe to use, including:

- Bird watching amenities;
- Outdoor public talks, meeting areas;
- Environmental project areas;
- Meadow areas;
- Forest areas;
- Riverbank viewing and use.

Visitor Center - If significant renovations will be made to this facility, the Visitor Center will require renovations, repairs and reconfiguration of the space to ensure accessible reach ranges and maneuvering clearance to at least one staff counter. Informational brochures and maps can be provided at consistent heights for independent access.

Watershed Alliance Cabin - When renovations are made to this facility, reconstruction of the entrance ramp and stair to the door to complaint dimensions, (including compliant handrails, slopes, and access to an adjacent circulation path from parking and other public amenity entry points) is recommended. The entrance door requires a level beveled threshold, compliant door hardware, and at least 18" clear maneuvering space on the latch side of the door for accessible approach and entry into cabin area.

Access to Amenities



Photo 7

Issues:

Toilet Rooms - The public toilet room includes one accessible stall. Dispensers and other amenities are obstructed by clutter preventing knee clearance and maneuvering clearance. The mirror is mounted too high. There is no accessible designation signage at outside of door and the door is excessively heavy.

Recommendations:

Toilet Rooms - Reconfigure moveable items so they do not obstruct maneuvering clearance and knee and toe clearance under the sink. Exposed plumbing underneath sink requires sheathing or insulation. The entry door should be adjusted to not require more than 15 pounds of pressure. Adjust mirror so it is not mounted higher than 40 inches above the floor. Install accessible designation signage at outside of door.



Approach & Entrance

Off-street Parking Space



Element Off-street Parking **type** **Record #** 002

Issues Access aisle not provided or not compliant
Needs maintenance
Water accumulation
Inadequate # of spaces [quantity]
Van-designated space not prov. or not comp.

Comment Unmarked parking areas located along both sides of driveway.
No marked parking spaces. spaces.



Element Off-street Parking **type** **Record #** 003

Issues Needs maintenance
Not connected to accessible route

Comment Parking area separated from adjacent trails + indoor facility
only by unstable mounted logs. No ped access routes
provided.

Point of Entry



Element Point of Entry **type** **Record #** 001

Issues A. Not near public transit stop
F. Not connected to accessible route
H. Needs maintenance

Comment Facility entered by vehicular approach only, via long driveway
from Cohannet St. to facility program areas. No sidewalks or
public transportation available.



Element Point of Entry **type** **Record #** 011

Issues F. Not connected to accessible route
H. Needs maintenance

Comment Visitor Center: Entry ramp with handrails require maintenance, with broken slats and non-smooth gripping surfaces. Mat unsecured, Entrance door: Maneuvering clearance at latch side of door is constricted and door is excessively heavy (over 15 lbs.). Entrance threshold is over 1/2" inch

Circulation

Walkways



Element Walkways **type** **Record #** 004

Issues A. Surface uneven, unstable or slippery
C. Route to all feature not provided
G. Changes in level
M. Needs maintenance

Comment Designated trails with signs do not include level approach, entry or accessible paths. Trails Signage: not consistent formats, not mounted adjacent to clear unobstructed level space for viewing.



Element Walkways **type** **Record #** 006

Issues A. Surface uneven, unstable or slippery
C. Route to all feature not provided
G. Changes in level
L. Water accumulation
M. Needs maintenance

Comment There are no accessible entry, approach and usage paths to most outdoor program features, such as sitting garden feature, picnic areas on both sides of driveway, and designated trails to forest and river.



Element Walkways **type** **Record #** 015

Issues A. Surface uneven, unstable or slippery
M. Needs maintenance

Comment

Ramp



Element Ramp **type** **Record #** 005

Issues A. Surface uneven, unstable or slippery
F. Railings missing or not compliant
G. Edge protection not provided
I. Needs maintenance
E. Bottom landing missing or inadequate

Comment Watershed Alliance cabin: Entry to door via stairs and ramp include broken boards, inaccessible handrails, no clear path to approach and enter. Stairs have uneven treads and risers. Door has inaccessible knob, threshold level change above 1/2 inch.

Other Amenities

Public Toilet Rooms



Element Public Toilet Rooms **type** **Record #** 007

Issues B. Not on accessible route

Comment Ramp/ walkway to public bathroom includes broken boards. No accessible signage. Handrails not provided on both sides or continuously provided from foot of ramp and Visitor Center entrance.



Element Public Toilet Rooms **type** **Record #** 008

Issues B. Not on accessible route

Comment Door to public bathrooms excessively heavy (over 15 lbs) and threshold over 1/2 inch, beveled.



Element Public Toilet Rooms **type** **Record #** 009

Issues B. Not on accessible route

Comment One accessible stall, no urinal. Nearly compliant dimensions; however, moveable objects are placed under items and obstruct knee clearance and reach ranges to features. Plumbing under sink is exposed. Mirror is over 40" above FF (~43 inches).

Tables & Seating

Tables



Element Tables **type** **Record #** 013

Issues

Comment Picnic areas: Tables not located along accessible route and do not include clear, level and slip-free ground surface for integrated seating.

Benches



| | | | |
|----------------|--|-------------|---------------------|
| Element | Benches | type | Record # 012 |
| Issues | A. Not connected by accessible route B. Ground surface uneven or slippery H. Needs maintenance | | |
| Comment | Forest trail amenities: Benches and tables not located within accessible pathways and do not include clear space for integrated seating. | | |

Davol Field



Location: *Oak St.*

Davol Field is a neighborhood open space that includes a Little League ball field, a half basketball court, and another open field area adjacent to the ball field. It is in close proximity to Temporary City Hall down a lovely residential side street.

There are bleachers and team seating for the fields, and a bench at the basketball court.

The gravel drop-off area does not connect to accessible routes into the fields playing area or to the basketball court area. There is no accessible parking provided and no accessible walkways in the entire facility.

The above issues render this facility inaccessible at this time.

Approach & Entrance



Photo 1



Photo 2



Photo 3

Issues:

Sidewalks - There are no sidewalks around the perimeter of the facility. The street and residential roads do not include any smooth and level transitional accessible route into the field area (Photo 1) or the court area (Photo 2).

Passenger Drop-Off and Loading Zone - A gravel drop-off area provides a place for vehicles to turn off the road, drop off passengers and return later. This zone does not include any level slopes, or any smooth ground surface for accessible route connection to any portion of the facility.

Recommendations:

Sidewalks - When a sidewalk improvement project is planned for Oak Street and Oak Avenue, examine the feasibility of improving the western shoulder of Oak Street and providing a sidewalk along the eastern side of Oak Avenue. The desired outcome will be a smooth, level and slip-resistant sidewalk around the street-lined perimeter of this facility so that pedestrian access does not conflict with motorists.

Passenger Drop-Off and Loading Zone - Install a paved or stabilized soil pathway directly adjacent to the gravel area on the fields and court side. This accessible route should be as wide as possible and extend through to the northwest corner of the facility, replacing the dirt transition between the road and the facility. Provide edge protection between the road and the paved route. Consider installing two entry points with tactile strips between the facility line and the road to provide designated pedestrian access into the court area and into the field bleachers area.

Access to Programs – Court



Photo 4

Issues:

Accessible Route - There is a fence opening point of entry to the court. This is not an accessible route entry point and it does not connect to the perimeter of the court playing area. (Photo 4)

There is a gate that provides an entry point into the courts in front and to the fields on the right. This is not an accessible route entry point and it does not connect to the perimeter of the court playing area or to the field playing area, bleachers, and dugouts. (Photo 5)



Photo 5

A bench at the court is anchored to a cement platform that is just large enough for the bench and does not provide any additional maneuvering clear space or seating clear space for companions using wheeled mobility devices. The bench is not connected to the entry points, the court playing areas, the field playing area, the bleachers, and the dugouts. (Photo 6)

Recommendations:

Accessible Route - Provide at least one paved accessible route within the site to connect to passenger drop-off area, fence and gated points of entry to the court and to the bench. This route should also link to the accessible routes providing circulation to the fields, field seating, and both team dugouts.



Photo 6

Access to Programs - Fields



Photo 7

Issues:

Accessible Route - There is a dirt path between the court area and the fields. This path does not provide an accessible route to the field playing area or to other areas in the facility. (Photo 4)

The home and away team dugouts are designed with a bench anchored to a cement platform and a dirt path leading to the field playing area. These dugouts do not provide an accessible route to the field playing area and to other areas of the facility, including the passenger drop-off area. (Photo 8)



Photo 8

Bleachers are provided near the home team dugout. The bleachers are anchored to a cement platform that provides additional level, firm and slip free space to sit; however, the seating is separated from companions by the bleacher handrails. Additionally, the route in front of the bleachers is too narrow to maneuver with a wheelchair. The bleachers are not connected by an accessible route to the field playing areas or to other areas of the facility, including the passenger drop-off area. (Photo 9)

Recommendations:

Accessible Route - Provide at least one paved accessible route within the site to connect to passenger drop-off area, bleachers and dugouts and the perimeter of the field playing activities. This route should also link to the accessible routes providing circulation to the court, bench and points and entry along Oak Avenue.



Photo 9



Approach & Entrance

Sidewalk



Element Sidewalk **type** **Record #** 015

Issues A. Obstructed

Comment Location: -71.109225, 41.895516
Sidewalk towards Temporary City Hall from Davol Field does not provide adequate unobstructed width due to broken fence leaning into sidewalk on right, 35"(nonmotorist) side.



Element Sidewalk **type** **Record #** 016

Issues M. Needs maintenance
L. Water accumulation

Comment Location: -71.109183, 41.895443 no sidewalk along Oak St. / perimeter of field. Road shoulder not adequate alternative.

Off-street Parking Space



Element Off-street Parking **type** **Record #** 004

Issues Not connected to accessible route

Comment no sidewalk, crosswalk, or ramps provided. This is an unpaved drop-off area.

Point of Entry



Element Point of Entry **type** **Record #** 014

Issues B. Not near off-street parking
E. Uneven, unstable or slippery
F. Not connected to accessible route
H. Needs maintenance

Comment Drop-off area does not include smooth, level ground surface materials (gravel).



Element Point of Entry **type** **Record #** 013

Issues E. Uneven, unstable or slippery
F. Not connected to accessible route
H. Needs maintenance

Comment No sidewalk provided. drop off area is gravel surface. No accessible route to any program areas, incl: bleachers, team area, field playing areas

Circulation

Walkways



Element Walkways **type** **Record #** 006

Issues A. Surface uneven, unstable or slippery
C. Route to all feature not provided
M. Needs maintenance

Comment 2nd Point of Entry to BB court and field; broken fencing.
Location: -71.109817, 41.896021

Sport Areas

Court



Element Court **type** Basket **Record #** 007

Issues A. Not connected by accessible route
B. Spectator seating missing or inadequate
D. Team seating missing or inadequate
G. Needs maintenance

Comment 1/2 court bench anchored to cement platform with no clear, level space for integrated seating.
No accessible route to either side of court.



Element Court **type** **Record #** 005

Issues A. Not connected by accessible route n/a
G. Needs maintenance n/a

Comment BB court, 1 of 2 points of entry. Along residential street
Location: -71.109575, 41.896039

Field



Element Field **type** Softball **Record #** 010

Issues A. Not connected by accessible route
E. Team seating not on accessible route
F. Practice areas not on accessible route

Comment Home team seating area- no clear level space for integrated seating. No level route to playing area.



Element Field **type** Softball **Record #** 008

- Issues**
- A. Not connected by accessible route
 - F. Practice areas not on accessible route
 - G. Needs maintenance

Comment no access route between court and perimeter of field playing areas or team seating and bleacher areas.



Element Field **type** Softball **Record #** 011

- Issues**
- C. Spectator seating not on accessible route

Comment 1 Bleacher on field. Cement platform has level clear space for integrated seating but no accessible approach route.



Element Field **type** Softball **Record #** 012

- Issues**
- E. Team seating not on accessible route
 - A. Not connected by accessible route
 - F. Practice areas not on accessible route

Comment Same issues as home team seating area.



Element Field **type** Softball **Record #** 009

- Issues**
- E. Team seating not on accessible route
 - A. Not connected by accessible route
 - G. Needs maintenance

Comment entry to field from team bench includes 35" width opening, but gated fencing obstructs wide enough route from team seating. Bench on cement platform, lacks clear space for integrated seating

Hartshorn Park



Location:

Longmeadow Road

Hartshorn Park is an approximately 6.7-acre parcel of land located over 1800 feet from the nearest public transit stop (Social Security Office on Dean Rd.).

Lack of pedestrian infrastructure makes this a primarily vehicular facility containing two softball fields with bleachers and team dugouts with benches. An abandoned small building and outdoor picnic area appear to provide a concession stand and public toilets. At the entry adjacent to Longmeadow Road, there is a playground with a partially broken swing-set and a small open field area and gate. A partially sunken border compromises the accessible route to the play areas.

On the northeast side of the parcel along Longmeadow Road there is a roundabout extension of the roadway enclosing an unpaved oval-shaped area. During the survey, this unmarked area was being used for parking.

Driveway / walkway from Longmeadow Road is approximately 115 yards long but lacks an accessible pedestrian path. Safety and other signage is not provided adjacent to accessible paths and some signage is mounted over nine feet above the ground, out of viewing range.

Approach and Entrance



Photo 1

Issues:

Sidewalks - Sidewalks along Longmeadow Road, from points North and South, are not accessible because there are excessive cross slopes, with non-continuous paving. They provide no accessible connection to the three entrance points into the facility. (Photo 1)

Parking - The area adjacent to Longmeadow Road is an unmarked, ungraded, non-level area with no current accessible conditions. (Photo 2)



Photo 2

Entrance - There are currently several entry points into the facility from the road and parking area plus the vehicular driveway with swinging gates. None of the current pedestrian entry points provide an accessible, graded walkway. (Photo 3)

Recommendations:

Sidewalks - When major road and/or sidewalk reconstruction is planned along Longmeadow Road, ensure that the scope of work includes at least one sidewalk with an accessible connection to the nearest public transit stop. If capital renovations are planned for public use of this facility, ensure that the sidewalks adjacent to the facility entrance points provide a continuously compliant accessible route to all program areas, including public parking, play area, and walkway to the fields and other amenities.



Photo 3

At the time of sidewalk alterations planning, and where practical, consider providing an additional obstacle-free buffer width of 12 feet or more between the curb along Longmeadow Rd. and the sidewalk for improved pedestrian safety. This buffer zone can also separate pedestrians from the vehicular entry into the facility's parking lot.

Parking - When the facility undergoes renovations, the parking area should be paved and marked for accessible parking, with at least one van-accessible space and accompanying access aisle.

Walkway(s) from parking to entrance(s) should be graded no steeper than 5% for running slope and 2.08% for cross slope at and from any designated accessible parking spaces, including access aisles.

If 26 - 50 parking spaces will be provided, at least two accessible parking spaces are required, including the van-accessible space mentioned above.

Entrance - When the facility undergoes renovations, at least 60 percent of the formal entry points should be accessible, which includes graded walkways that do not exceed 5% run slope, cross slopes not exceeding 2.08%; and ground surface materials that are smooth and slip-resistant. Accessible entrances and all program areas should be connected via at least one continuously accessible walkway; and the perimeter sidewalks and other site access points, such as the nearest public transit stop, should also be connected to the entrance via at least one continuously accessible walkway.

Gates



Photo 4

Issues:

Gates - The gate to the playground area is not along an accessible route; and does not open onto an accessible walkway to the swing-set area. It did not have a working latch. The ground surface under the gate is not smooth or slip-resistant, and the gate does not have a 10-inch smooth surface, such as a kickplate, at the bottom. (See Photo 4)

Recommendations:

- Gates** - When facility undergoes renovations, ensure that:
- All entry and exit gates are adjacent to an accessible walkways or paths;
 - There is a smooth, level, slip-resistant ground surface under the gate;
 - The route from the gate to any program areas, such as the swing-set area, includes an accessible walkway.
 - A 10" smooth surface is installed at the bottom of the gate or a kickplate on the push side.

Routine Maintenance procedures, such as re-adjusting all facility interior door pressures to not exceed 5 pounds, and lubricating door hinges to ensure that they fully open to 90 degrees, can be included within annual maintenance or facility management checklists.

Play Areas



Photo 5

Issue:

Play Area - The play area ground surface is not smooth, level, slip resistant or accessible. A partially sunken border around the swings does not provide at least a 32" opening for entry / exit. The play area is not adjacent to any accessible paths at either entry point, and there is no paved or hard-packed level ground. The swing-set is in disrepair. (Photo 5)

Recommendation:

Play Area - ADA 2010 Standards apply to play areas for children 2 years and older. When the facility is renovated, design the play area so it meets at least the minimal guidelines established within the 2010 ADA Standards, including the safety standards for surface area attenuation within play use zones and the accessibility standards for accessible slopes and surfaces at, and between, play components.

Interior Circulation



Photo 6

Issue:

Walkways - There are no accessible circulation paths provided to each of the program areas, including: play area, bleachers, team seating, the perimeter of the field sports area, concession stand, toilets, and picnic tables. (Photo 6)

Recommendation:

Walkways - When facility undergoes renovations, update the circulation paths and walkways to ensure that an accessible route is provided to, and within, all program, services and activities areas of the facility including:

- public parking,
- entrances;
- play areas and accessible play features;
- spectator/bleacher areas;
- home and away team seating areas and lockers;
- perimeter of field playing areas;
- concession stand;
- picnic / sitting areas;
- public toilet rooms.

Access to Programs - Fields



Photo 7



Photo 8



Photo 9

Issues:

Fields - There are no accessible routes to the field playing areas. Routes to home and away dugout areas at both fields include threshold steps that range from 1.5 to 3 inches high. Although there is potential clear space shoulder to shoulder with team bench seating, there are no level accessible routes to enter, use and exit the dugout areas.

Bleachers - Spectator seating at both fields is inaccessible and not adjacent to an accessible route.

Picnic Tables - Seven (7) picnic tables provided in the seating area adjacent to the concession stand area are inaccessible and in disrepair. No clear floor space and knee and toe clearance provided at tables for integrated sitting and use.

Recommendations:

Fields – When the facility undergoes renovations, provide an accessible route to and within all team seating and meeting areas. Dugouts should have level routes within and thresholds should be no more than 2.08 % in all directions, adjacent to an accessible circulation route. There should be an access route to the perimeter of playing areas.

Bleachers - When facility is renovated, provide integrated bleacher / spectator areas along an accessible route, with clear ground space for wheelchair users and companions.

Picnic Tables - Where picnic tables are provided, ensure that 5% (or at least 1) of all picnic tables are accessible and along an accessible route.



Approach & Entrance

Pedestrian Crosswalk



Element Pedestrian Crosswalk **type** **Record #** 405

Issues A. Not Provided at Intersection
C. Uneven, unstable or slippery
E. Needs maintenance

Comment

Curb Ramp



Element Curb Ramp **type** **Record #** 192

Issues A. Not provided at Intersection

Comment no ped infrastructure
parking lot entry has no curb cuts

Sidewalk



Element Sidewalk **type** **Record #** 194

Issues

Comment Sidewalk not continuous, no curb ramp transition to safely cross to park entry points.



Element Sidewalk **type** **Record #** 195
Issues B. Cross slope too steep 4.4
M. Needs maintenance

Comment incomplete sidewalk adjacent to road has Cross Slopes ranging from 2.6 - 4.4
run slopes under 5% - but uneven, needs. aintnance



Element Sidewalk **type** **Record #** 193
Issues M. Needs maintenance

Comment no curb ramps or walkable sidewalks. Vehicle approach only

Off-street Parking Space



Element Off-street Parking **type** **Record #** 196
Issues Access aisle not provided or not compliant
Ground surface too steep [%]
Inadequate # of spaces [quantity]
Needs maintenance
Not connected to accessible route
Comment Entry and area used for parking includes lighting.



Element Off-street Parking **type** **Record #** 406

Issues Ground surface too steep [%]
Needs maintenance
Not connected to accessible route

Comment An unmarked area with street lights located adjacent to facility may be used as a facility parking area if re-graded, striped, and connected by compliant walkway conditions to facility pedestrian entry points

Point of Entry



Element Point of Entry **type** **Record #** 203

Issues D. Too narrow
E. Uneven, unstable or slippery
F. Not connected to accessible route

Comment informal entry point for peds 20 in. width. Sign not adjacent to any clear ground viewing area. City should consider gating and signing this parcel as off limits if it is currently vacant.



Element Point of Entry **type** **Record #** 197

Issues E. Uneven, unstable or slippery
F. Not connected to accessible route

Comment there are 2 gated entry points to swing / play area. This is nearest to road and also inaccessible.



Element Point of Entry **type** **Record #** 198

- Issues**
- E. Uneven, unstable or slippery
 - F. Not connected to accessible route
 - G. Water accumulation

Comment Swing driveway gates in disrepair. Ground surface cracked, not level or smooth. No pedestrian path provided - walkway interferes with vehicular access.



Element Point of Entry **type** **Record #** 201

- Issues**
- E. Uneven, unstable or slippery
 - F. Not connected to accessible route
 - H. Needs maintenance

Comment signage, gates and walkway at entry points. none provide accessible function.



Element Point of Entry **type** **Record #** 407

- Issues**
- E. Uneven, unstable or slippery
 - F. Not connected to accessible route
 - H. Needs maintenance

Comment

Gates



| | | | |
|----------------|---|-------------|---------------------|
| Element | Gates | type | Record # 200 |
| Issues | Gate smooth surface missing or not compliant Ground surface uneven, unstable or slippery Inadequate maneuvering clearances Needs maintenance | | 2 |
| Comment | Gates to swingset area and small field. (Width 38 in.) Gate latch missing. Gate has prominent squeek but opens without difficulty. | | |



| | | | |
|----------------|---|-------------|---------------------|
| Element | Gates | type | Record # 199 |
| Issues | Ground surface uneven, unstable or slippery Gate smooth surface missing or not compliant | | |
| Comment | Gate and playground not connected to accessible routes. | | |

Circulation

Walkways



| | | | |
|----------------|--|-------------|---------------------|
| Element | Walkways | type | Record # 222 |
| Issues | A. Surface uneven, unstable or slippery C. Route to all feature not provided E. Running slope too steep G. Changes in level M. Needs maintenance | | |
| Comment | Small Playground: a. No accessible route to swingset (2 bucket seats, 2 regular) | | |



Element Walkways **type** **Record #** 221

- Issues**
- A. Surface uneven, unstable or slippery
 - C. Route to all feature not provided
 - G. Changes in level
 - M. Needs maintenance

Comment Concession area and picnic tables look abandoned, or at least not recently maintained.



Element Walkways **type** **Record #** 202

- Issues**
- A. Surface uneven, unstable or slippery
 - C. Route to all feature not provided
 - M. Needs maintenance

Comment Signs mounted over 9 feet off do not provide clear directions and are not functional as Safety information. No clear space to read signage at point of entry.

Vehicular driveway unsafe when shared w/ pedestrians.



Element Walkways **type** 421 **Record #** 204

- Issues**
- C. Route to all feature not provided
 - A. Surface uneven, unstable or slippery
 - M. Needs maintenance

Comment sand- covered route is firm in places, but not continuously firm, level- graded. No connection to playing areas, team seating, all bleachers, picnic table seating

Other Amenities

Public Toilet Rooms



Element Public Toilet Rooms **type** Buildin **Record #** 220

Issues B. Not on accessible route

Comment on left side of field and amenities and behind snack area, 2 doors appear to have been public toilets at one time. Threshold to locked doors not level. Batting practice/Little League program held here?

Lockers



Element Lockers **type** **Record #** 219

Issues B. Not on accessible route

Comment locked equipment shed along unpaved route W of concession stand

Sport Areas

Field



Element Field **type** **Record #** 211

Issues A. Not connected by accessible route

Comment threshold nearly 2 in. high. Ground surface unpaved to perimeter of sports and team areas.



Element Field **type** **Record #** 206

- Issues**
- A. Not connected by accessible route
 - C. Spectator seating not on accessible route
 - E. Team seating not on accessible route
 - F. Practice areas not on accessible route
 - G. Needs maintenance

Comment Example of dugout benches: seat width is 9 in., 21 1/4 in. aff, clear space provided but dugout thresholds inaccessible.



Element Field **type** **Record #** 209

- Issues**
- A. Not connected by accessible route
 - C. Spectator seating not on accessible route
 - E. Team seating not on accessible route
 - F. Practice areas not on accessible route
 - G. Needs maintenance

Comment Eastern field w/ 3 inaccessible bleachers.



Element Field **type** **Record #** 210

- Issues**
- A. Not connected by accessible route
 - C. Spectator seating not on accessible route
 - E. Team seating not on accessible route
 - F. Practice areas not on accessible route
 - G. Needs maintenance

Comment threshold @ westernmost team areas from 1.5 - 3 in., no path to perimeter of playing area.



Element Field **type** **Record #** 205

- Issues**
- A. Not connected by accessible route
 - F. Practice areas not on accessible route
 - E. Team seating not on accessible route
 - C. Spectator seating not on accessible route
 - G. Needs maintenance

Comment eastern home team dugout threshold 1.5 in. aff, ground surface uneven.



Element Field **type** **Record #** 212

- Issues** E. Team seating not on accessible route
F. Practice areas not on accessible route
G. Needs maintenance

Comment threshold not beveled, level changes up to 3 in.



Element Field **type** **Record #** 214

- Issues** E. Team seating not on accessible route
F. Practice areas not on accessible route
G. Needs maintenance
A. Not connected by accessible route

Comment 2nd dugout in back field does not have integrated clear seating space. Threshold is 3 in. high.



Element Field **type** **Record #** 213

- Issues** F. Practice areas not on accessible route

Comment Level changes, ground surface w/ depressions and lumps

Tables & Seating

Tables



Element Tables **type** Picnic **Record #** 208

- Issues**
- A. Total number of tables
 - B. At least one or 5% not provided
 - C. Not connected by accessible route
 - D. Ground surface uneven or slippery
 - E. Knee clearance not provided

Comment 7 picnic tables on gravel, disrepair, no accessible seating/eating area



Element Tables **type** Picnic **Record #** 218

- Issues**
- B. At least one or 5% not provided
 - C. Not connected by accessible route
 - D. Ground surface uneven or slippery
 - E. Knee clearance not provided
 - F. Needs maintenance

Comment table top 28 inches high

Services Counters



Element Services Counters **type** **Record #** 217

Issues

Comment Abandoned facility includes accessible service counter (30.5 in. high) and inaccessible newstand/counter, 35.5 in. AFF

Bleachers



Element Bleachers **type** **Record #** 216

- Issues**
- A. Not connected to accessible route
 - B. Ground surface uneven or slippery
 - C. Clear space not provided or not integrated

Comment bleachers to back field in disrepair, no accessible pathway



Element Bleachers **type** **Record #** 207

- Issues**
- B. Ground surface uneven or slippery

Comment Bleachers adjacent to driveway have clear areas on either side, but ground surface sandy, no traction for w/c users

Hopewell Park



Location: *Hopewell and Dartmouth Street*

Programs

- Summer Festival
- Outdoor Pool with Concession Stand
- Scholarships through CDBG funding
- Summer Food Program through USDA
- Walking paths, sports facilities, a public swimming pool, etc.

Hopewell Park is a large and versatile facility, providing the city's only public pool, a playground and small adjacent ball field, walking paths, a large field with bleachers, a large covered picnic shelter, basketball court with 4 hoops, and site for the Summer Festival Camp and community activities. There are portable toilets and a drinking fountain on-site.

Pedestrian-related improvements will greatly enhance access to this park at each of the widely spaced entry points and ensure safety with regards to motorist-pedestrian conflicts.

Maintenance-based improvements to the play area ground surfaces will enhance accessibility to the play elements.

The addition of accessible paths to and between all field, court, playground and pool activity areas will provide a necessary linkage to allow people with disabilities continuous circulation through this large facility.

The existing Hopewell Park pool is the only public pool within the City, and the City must take steps to ensure that the swimming programs at this pool are accessible.

Federally funded programs provided through the City at Hopewell Park include the CDBG-funded scholarships for the Summer Camp and the USDA-funded summer food program. The play area reconstruction was funded, in part, by the Commonwealth of Massachusetts Urban Self Help Program.

Approach and Entrance



Photo 1

Issues:

Pedestrian Crosswalks - Crosswalks at the play area and at the fields area are not really visible, level, smooth, or slip-resistant, and do not provide continuous accessible routes to and into the facility entry points. (Photo 1)

Curb Ramps - Recently constructed curb ramps are not connected to accessible sidewalks, do not provide adequate top and bottom landings, and do not consistently provide orientation towards the reciprocal curb ramp and sidewalk. (Photo 2)



Photo 2

Sidewalks - Sidewalks serving the perimeter of the facility and reciprocal to crosswalk and curb ramps serving the perimeter of the facility are not continuously wide enough and not continuously level, smooth, and slip-resistant. (Photo 3)

Gates - Gates at points of entry to the playground (near Exeter), to the fields and pool area, and at the southernmost point of entry (approximately 100 feet south of Coram St.) are not served by adjoining accessible sidewalk routes. The ground surface is not smooth, firm, level and slip-resistant. There is lack of maneuvering clearance at gates to turn into facility walkways. (Photo 3)



Photo 3

Recommendations:

Approach and Entrance - Ensuring an accessible approach and entrance to all facility areas of activity is a top priority. The City's program accessibility requirements include the need to provide an accessible route to each program, service and activity provided within the boundaries of the site. As part of the updated ADA Transition Plan, IHCD recommends that the City plan, design and implement the remaining access improvements to the crosswalks and sidewalks around this facility, and correct the curb ramp accessibility deficiencies to the maximum extent possible, and as expeditiously as possible.

Access to Programs - Interior Circulation



Photo 4

Issues:

Interior Circulation - Although there are paved walkways within the play area and the pool area, at least one continuous accessible route is not provided that connects all areas of activity within the site. (Photo 4)

Although there are walkways of different surface materials that lead into some other activity areas, the transitions between the differing ground surface materials are not flush, level, smooth and slip-resistant. (Photo 5)



Photo 5

Utility covers within the stone dust and graded dirt walkways do not have firm, stable and slip-resistant covers that are free from level changes. The firmness and stability of the stone dust and packed dirt walkways is additionally compromised by erosion and water accumulation. (Photo 6)

Recommendations:

Install at least one continuous accessible route that connects all activity areas, elements and spaces that are on the site.

Resources:

Non-porous paving may not always be the most desirable surfacing decision for accessible outdoor routes. Two recently completed studies from the U.S. Access Board are:

- Development of Surface Roughness Standards for Pathways Used by Wheelchair Users: Final Report (2014) at <http://www.access-board.gov/research/completed-research/surface-roughness-final-report>
- A Longitudinal Study of Playground Surfaces to Evaluate Accessibility: Final Report (2013) at <http://www.ncaonline.org/resources/articles/playground-surfacestudy-finalreport.shtml>



Photo 6

Access to Programs - Fields



Photo 7

Issues:

Team Seating - An accessible route does not connect to team seating at any of the dugout areas in the large fields, or at the smaller field dugouts adjacent to the playground. (Photo 7)

Boundaries of Field Activities - An accessible route does not connect to the boundaries of the field playing areas at any of the larger field areas in the south portion of the site; and does not connect to the boundary of the smaller field playing area at the field near the play area. (Photo 8)



Photo 8

Spectator Seating - Although the large bleachers at the field activities closest to Hamilton include integrated accessible clear space seating, the bleachers themselves are not connected to an accessible route or to the other areas of activity on the site. (Photo 9)

Recommendation:

Install at least one continuous accessible route that connects all activity areas, elements and spaces that are on the site.



Photo 9

Access to Programs - Play Areas



Photo 10

Issues:

Accessible Route within Play Area - The ground surface of the area along the route to the new play equipment and the area surrounding the play equipment is uneven, with changes in level throughout. (Photo 1)

Accessible Route between Play Area and Walkways - Due to the border surrounding the play area, there is no accessible route connecting the facility walkways and amenities to the playground area. (Photo 2)



Photo 11

Accessible circulation between entrance and exits of play components - Although efforts were made to provide an accessible route to the play component transfer system with an applied surface, this surface has excessive cross slopes. In addition, there is not a connecting accessible route within and between the play component's entrances and exits; for example, the bottom (exit) of the slide does not connect back to the transfer system steps (entrance). (Photo 3)

Recommendations:

Install at least one continuous accessible route that connects all activity areas, elements and spaces that are on the site. At the play area, install an accessible route that connects the walkways and amenities located along the walkway (benches, drinking fountain) to the play area elements (play components, swing-set).



Photo 12

ADA 2010 Standards apply to play areas for children 2 years and older. When facility is renovated, consider resurfacing the play area with unitary ground surface materials instead of loose fill materials in order to maintain at least the minimal requirements for surface area attenuation within play use zones and the accessibility standards for accessible slopes and surfaces at, and between, play components. Unified ground surfaces will generally maintain both attenuation and accessible conditions without need for frequent maintenance for many years.

Access to Programs - Pool



Photo 13



Issues:

Means of Entry and Exit - Hopewell Park has a wading pool and an adult pool. The wading pool has a sloped entry point at the shallow end of the pool providing an accessible means of entry and exit. (Photo 13).

There is no sloped means of entry and exit in evidence at the adult pool. Since both pools had been closed for the season the week prior to the survey, it is possible that a portable pool lift for the adult pool is stored when the pool is closed, which is compliant. No other compliance issues were in evidence.

As this is the only municipal pool in Taunton, a recommendation is provided below to assist the City in ensuring that the swimming programs at Hopewell Park pool are accessible. (Photo 14).

Recommendation:

Means of Entry and Exit - The 2010 Standards establish two categories of pools: large pools with more than 300 linear feet of pool wall and smaller pools with less than 300 linear feet of wall. Large pools must have two accessible means of entry, with at least one being a pool lift or sloped entry; smaller pools are only required to have one accessible means of entry, provided that it is either a pool lift or a sloped entry. The adult pool appears to have approximately 260 linear feet of wall.

Where a portable pool lift is being provided, it must be at poolside and fully operational during all open pool hours. If the City is currently utilizing a portable lift to provide program accessibility, this equipment should include features required by the 2010 Standards, including independent operation by individuals with disabilities.

Where the City may consider installing a fixed pool lift with independent operation by the user; or, another accessible means

of entry that complies with the 2010 Standards, the City should factor in staff and financial resources required to maintain program accessibility. For more information on the specific requirements and exceptions, please review sections 242 and 1009 of the 2010 ADA Standards.

Access to Amenities



Photo 15



Photo 16



Photo 17

Issues:

Portable Toilets - There are portable toilets located on-site near the sheltered picnic table / activities area and a large field area. These are not accessible units. (Photo 13)

The Portable toilets do not provide a level entry and they are not adjoining an accessible route. (Photo 13, Photo 14)

Drinking Fountain - A pedestal drinking fountain is located along the walkways adjacent to the play area. This control on this unit requires more than 5 pounds of force to operate. In addition the unit protrudes more than 4 inches into the circulation path and is not cane-detectable, which makes it a hazard for people with visual impairments. (Photo 15)

Recommendations:

Portable Toilets - Install at least one accessible portable toilet unit (with grab bars, toilet paper within reach, and ground floor access) within the portable toilet area. Locate the portable toilets where the ground surface is graded with the least possible slope, is firm and slip-free, and is connected to at least one accessible route that connects to all areas of the facility.

Drinking Fountain - Relocate drinking fountain so that it does not protrude into the circulation route. Repair the control so that it can be operated with one hand and requires 5 pounds or less of force to push.



Approach & Entrance

Pedestrian Crosswalk



Element Pedestrian Crosswalk **type** **Record #** 305

- Issues**
- A. Not Provided at Intersection
 - B. Not Highly Visible
 - C. Uneven, unstable or slippery
 - E. Needs maintenance

Comment No marked crosswalks
no clear accessible path of travel from any direction



Element Pedestrian Crosswalk **type** **Record #** 408

- Issues**
- C. Uneven, unstable or slippery

Comment



Element Pedestrian Crosswalk **type** **Record #** 411

- Issues**
- C. Uneven, unstable or slippery

Comment

Curb Ramp



Element Curb Ramp **type** Apex **Record #** 306

Issues B. Not located properly
I. Changes in level / sidewalk transitions
L. Miss. Flared sides / projects into car path
N. Needs maintenance

Comment sidewalk reconstruction incomplete- not blended with existing conditions; adjacent sidewalks require mitigation.

apex orientation does not lead directly to reciprocal curb ramp.



Element Curb Ramp **type** **Record #** 406

Issues I. Changes in level / sidewalk transitions -
J. Top landing missing or inadequate -
N. Needs maintenance

Comment Example of partial streetscape work that provides no continuous accessible route

Sidewalk



Element Sidewalk **type** **Record #** 412

Issues C. Changes in level

Comment sidewalk not continuously provided adjacent to facility



Element Sidewalk **type** **Record #** 307

Issues C. Changes in level
A. Obstructed

Comment no continuous sidewalk route; no accessible, safe pedestrian connection to site from this sidewalk location.



Element Sidewalk **type** **Record #** 308

Issues C. Changes in level
M. Needs maintenance
B. Cross slope too steep

Comment Nearby designated access parking not connected to level sidewalk conditions. Sidewalk construction not connected to continuous accessible route; Location adjacent to pool and summer camp programs. Inadequate site access point.



Element Sidewalk **type** **Record #** 410

Issues L. Water accumulation
C. Changes in level

Comment reciprocal to play area - no continuously accessible sidewalks

Off-street Parking Space



Element Off-street Parking **type** **Record #** 407

Issues Not connected to accessible route

Comment On-street designated as accessible

Point of Entry



Element Point of Entry **type** **Record #** 279

Issues E. Uneven, unstable or slippery
H. Needs maintenance

Comment 2nd poe, note no cc on opposite street to cross to this gate
was locked.

Gates



Element Gates **type** **Record #** 304

Issues Gate smooth surface missing or not compliant
Ground surface uneven, unstable or slippery
Inadequate maneuvering clearances
Needs maintenance

Comment 17.6%



| Element | Gates | type | Record # |
|---------|--|------|----------|
| Issues | Gate smooth surface missing or not compliant Ground surface uneven, unstable or slippery Needs maintenance | | |
| Comment | Gated entry point near middle school, summer camp location gates locked to clamp 55 in above ff | | |

Circulation

Walkways



| Element | Walkways | type | Record # |
|---------|---|------|----------|
| Issues | A. Surface uneven, unstable or slippery C. Route to all feature not provided G. Changes in level M. Needs maintenance | | |
| Comment | walkway btn play areas and field inaccessible. Court entry has unbeveled changes in level btn different ground surface materials. Not connected to inside of play areas due to borders | | |



| Element | Walkways | type | Record # |
|---------|---|------|-------------|
| Issues | C. Route to all feature not provided D. too narrow F. Cross slope too steep H. Obstructed by grates J. Resting spaces missing or inadequate | | 286 3.5% |
| Comment | utility cover btn 16 and 36 inches across 71 in. width path | | |

Element Walkways **type** **Record #** 288

Issues G. Changes in level
M. Needs maintenance

Comment two in gap btn play area and bb court



Other Amenities

Drinking Fountains

Element Drinking Fountains **type** **Record #** 296

Issues

Comment measurements taken to establish reach ranges - OK, but forward approach not provided because spout not provided where 30" is centered clear space



Element Drinking Fountains **type** **Record #** 297

Issues D. Spout height not within range
E. Controls not operable
F. Protruding object

Comment spout 10 in from rim. Drinking Fountain protrudes > 4 " + >27" from ground into circulationis a protruding object within the circulation route as it is currently located.





Element Drinking Fountains **type** Pedest **Record #** 295

Issues E. Controls not operable
F. Protruding object

Comment control 29 on side, spout height over 36" controls not operable w/ one hand due to placement

Public Toilet Rooms



Element Public Toilet Rooms **type** Portabl **Record #** 272

Issues A. Accessible/unisex not provided
B. Not on accessible route

Comment 3 toilets, no accessible units



Element Public Toilet Rooms **type** **Record #** 273

Issues A. Accessible/unisex not provided
B. Not on accessible route

Comment unisex toilets DIMENSIONS:
step 3.25 above ground,
toilet floor 7.25 above ground.

urinal 20 inches high, toilet 17.25 high.

Play Areas

Playgrounds



Element Playgrounds **type** **Record #** 293

Issues A. Not connected by accessible route

Comment large play area not connected to accessible route and other facility areas
4 1/2 in border around tot lot



Element Playgrounds **type** **Record #** 303

Issues A. Not connected by accessible route

Comment no access route to swing rocker or swing, but route to composite structure



Element Playgrounds **type** **Record #** 300

Issues I. # and type of elevated play comp. inadequ.

Comment 5.8 near transfer station

6 ground elements, 12 elevated in big playgrnd

loose fill does not hold accessible slopes

Water Spray



Element Water Spray

type

Record # 294

Issues

Comment path to pool, locked gate, connects to playgrnd and bb court. Pool may require modifications. SEE technical specifications for accessible means of entry (i.e. for pool lifts, the location, size of the seat, lifting capacity, and clear floor space) at.2010 ADA Standards at <http://www.ada.gov/2010ADASTandards>



Element Water Spray

type

Record # 299

Issues

Comment pool access must be designed



Element Water Spray

type

Record # 298

Issues A. Not connected by accessible route

Comment Large pool and Title II accessibility requirements should be examined and further guidance requested from ADA Information Line. Pool should have 2 accessible entries, one can be a sloped entry, the other can be transfer wall, transfer system or pool stairs. Also see Section 242 re: large pools (pools with 300 linear feet of pool wall or more)

Sport Areas

Field



Element Field **type** **Record #** 276

Issues

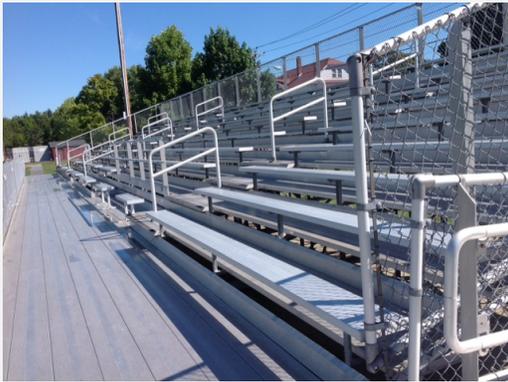
Comment 2 in transition to ramp. can pave this artery from stone path
Utility cover in center of path



Element Field **type** **Record #** 284

Issues

Comment team seating #2 not connected to ped walkways or other facility areas



Element Field **type** **Record #** 277

Issues A. Not connected by accessible route

Comment example of accessible bleachers
3 columns, 10 rows, 3 accessible clear spaces
ramp slopes in middle and top 8.5 - 8.6



Element Field **type** **Record #** 278

Issues A. Not connected by accessible route

Comment historic marker not on a11y route



Element Field **type** **Record #** 290

Issues A. Not connected by accessible route
C. Spectator seating not on accessible route
E. Team seating not on accessible route
F. Practice areas not on accessible route

Comment there is clear space

but routes to team seating no access



Element Field **type** **Record #** 409

Issues A. Not connected by accessible route
C. Spectator seating not on accessible route
E. Team seating not on accessible route
F. Practice areas not on accessible route

Comment at least 1 accessible route must connect all areas of activity, including to the boundaries of field playing area



Element Field **type** **Record #** 285

Issues A. Not connected by accessible route
E. Team seating not on accessible route
F. Practice areas not on accessible route
G. Needs maintenance

Comment thick rubber mat not secured
mat 1 in thick- unbeveled

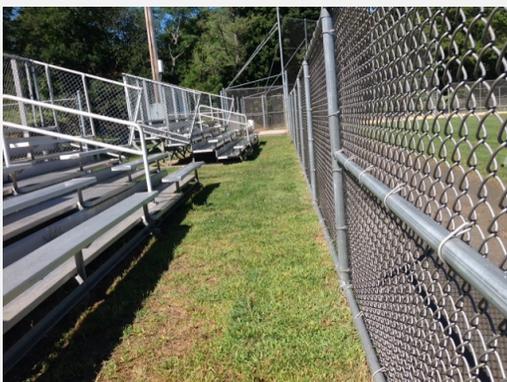
team bench platform 1 1/2 in high



Element Field **type** Soccer **Record #** 275

- Issues**
- A. Not connected by accessible route
 - F. Practice areas not on accessible route
 - E. Team seating not on accessible route

Comment spectator seating, 2 grandstands not on acc route



Element Field **type** Baseb **Record #** 282

- Issues**
- C. Spectator seating not on accessible route

Comment 2nd set of inaccessible bleachers at softball/ baseball field, 2 sets bleachers, 5 rows, 2 columns ea



Element Field **type** **Record #** 281

- Issues**
- C. Spectator seating not on accessible route
 - B. Spectator seating missing or inadequate
 - G. Needs maintenance
 - F. Practice areas not on accessible route

Comment softball field. Inaccessible bleachers. No smooth level path to perimeter of playing area.



Element Field **type** **Record #** 291

- Issues**
- E. Team seating not on accessible route

Comment team seating in grass, route to perimeter of field grass, dirt, looks like a small stone dust path jus in front of bleacher platform (maybe that was original surface b4 concrete panel)



Element Field **type** **Record #** 283

Issues E. Team seating not on accessible route
A. Not connected by accessible route

Comment ground surface not connected to stone dust route
cement platform doe not extend to ped walkway



Element Field **type** **Record #** 292

Issues E. Team seating not on accessible route
G. Needs maintenance
A. Not connected by accessible route

Comment tree roots en route to team seating



Element Field **type** **Record #** 280

Issues F. Practice areas not on accessible route

Comment field surrounded by circ route 68 in at widest point
but no accessible path to perimeter of playing area

Tables & Seating

Tables



Element Tables **type** **Record #** 274
Issues B. At least one or 5% not provided 16

Comment 16 picnic tables on accessible stone dust route
table area has electric, 2 trash, lots of circulation, accessible connection to circulation walkways

Benches



Element Benches **type** **Record #** 301
Issues

Comment 4 benches adj space
no armrests



Element Benches **type** 421 **Record #** 289
Issues A. Not connected by accessible route

Comment accessible route does not extend to field playing areas, team seating.
clear space provide, see next record.

Element Benches

type

Record # 302

Issues C. Adjacent clear space not provided

Comment approx 5 benches surrounding play area. Integrated seating not made available.



Liberty & Union Plaza



Location:

Main St.

This is a traffic island with a statue. It functions as a pedestrian refuge / midblock crossing between major streets - US44, MA140 and Rte. 138.

Issues:

No major accessibility barriers identified on this facility; however, connecting reciprocal sidewalks and curb ramps do not include continuously accessible and compliant sidewalks and curb ramps.

Recommendations:

When streetscape improvements for Downtown Taunton are next planned, the City should consider completing a thorough pedestrian rights-of-ways survey of all existing pedestrian infrastructure throughout Downtown Taunton. Streetscape improvements can then be planned to optimize the safety and accessibility of all pedestrians, using the existing conditions data as a baseline upon which to construct a pedestrian accessibility improvement project.

Memorial Park



Location:

Somerset Ave.

Memorial Park is a lovely and well maintained Park and Open Space with a pond, several monuments, forest and landscaped walkways, contemplative seating areas, some undeveloped trails, and some parking.

Relatively minor accessible route improvements from public transit, sidewalks and parking area; plus, some interior route improvements connected to site features are all that is needed to make this a facility that can be enjoyed and used by people of all ages and abilities.

Approach and Entrance



Photo 1

Issues:

Pedestrian Crossing & Curb Ramp – There is a curb ramp and pedestrian crossing at the north entry point into park. The curb ramp landing is narrow and requires maintenance. (Photo 1)

Point of Entry – A stone dust path connects the curb ramp and sidewalk into the park. However, this path does not provide an accessible route entry point into the park because it is not smooth, level, or slip-resistant. (Photo 2)



Photo 2

The transition between the stone-dust path and the driveway, which is where the path terminates, is not level, smooth, or slip-resistant. (Photo 3)

Recommendations:

Pedestrian Crossing & Curb Ramp - If possible, enlarge the sidewalk so that the top curb ramp landing is at least 36 inches square. At the least, maintain the landing and sidewalk panels adjacent to the park to be free of stone dust, and to be smooth, level, and slip-resistant. Cross slopes should not exceed 2% in all directions both at the curb ramp landing and at the sidewalk panels leading to the path.

Point of Entry - Replace the stone-dust path with a path that is at least 36-inches wide, and smooth, level and slip-resistant. This path should extend fully to the driveway with no lapses in width, smoothness, level surface, and slip-resistant conditions.



Photo 3

Interior Circulation



Photo 4

Issues:

Accessible Route – At least one accessible route does not connect all accessible elements, and accessible spaces that are on the site.

An accessible route does not connect to the Fire Department Memorial because the pathway to this feature is not level, smooth and slip-resistant, and the circular path around this memorial is not at least 36 inches wide and level. (Photo 4)

An accessible route does not connect from the on-site parking area around the driveway to the accessible circulation walkways beyond. (Photo 5)

An accessible route does not connect to the benches and a structure on the west side of the pond. (Photo 6)



Photo 5

Recommendations:

Accessible Route - Provide at least a 36-inch wide smooth, level slip-resistant path to the Fire Department Memorial and widen the circular path to allow accessible travel around this memorial feature.

Repair the path from the parking area swing gates to connect with the accessible paved circulation paths further in the park to the maximum extent feasible.

At the natural paths to the structure and sitting area west of the pond, consider methods to provide surface stability and firmness to the pathway so that, to the maximum extent possible, there is a path that is level, firm and slip-resistant to the benches west of the pond.



Photo 6



Approach & Entrance

Pedestrian Crosswalk



Element Pedestrian Crosswalk **type** **Record #** 001

Issues C. Uneven, unstable or slippery
E. Needs maintenance

Comment Dedication Marker May 30 1963 - is this the built year?

Curb Ramp



Element Curb Ramp **type** **Record #** 010

Issues H. Uneven, unstable or slippery -
J. Top landing missing or inadequate -
N. Needs maintenance

Comment Sidewalk from curb ramp ends at park entry where there is curb = No access from busstop

Sidewalk



Element Sidewalk **type** **Record #** 011

Issues C. Changes in level -
M. Needs maintenance

Comment Access route from bus stop not accessible - main issue for this lovely facility



Element Sidewalk **type** **Record #** 009

Issues M. Needs maintenance

Comment Route from curb ramp, Ped crossing to park is not accessible. No sidewalk extends from bus stop to park

Circulation

Walkways



Element Walkways **type** **Record #** 004

Issues A. Surface uneven, unstable or slippery

Comment accessible to the ducks ! benches not adjoining accessible walkway here.



Element Walkways **type** **Record #** 005

Issues A. Surface uneven, unstable or slippery

Comment a graded natural pathway is surely possible- cross slope here is surprisingly good (2.1)



Element Walkways **type** **Record #** 007

Issues A. Surface uneven, unstable or slippery

Comment Circulation paths do not continue with accessible slopes into undeveloped woods paths. pathways,



Element Walkways **type** **Record #** 008

Issues A. Surface uneven, unstable or slippery

Comment Undeveloped paths to beauty for some



Element Walkways **type** **Record #** 012

Issues A. Surface uneven, unstable or slippery

Comment not all paths are smooth from parking area



Element Walkways **type** **Record #** 002

Issues A. Surface uneven, unstable or slippery -
D. too narrow -

Comment pathway to Taunton Fire Dept. monument not accessible



Element Walkways

type

Record # 003

Issues D. too narrow

Comment Taunton Fire Department monument not accessible to view up close

Other Amenities



Element

type

Record # 006

Issues

Comment excellent cross slopes in major circulation routes

Sikorski Field



Location:

Middleboro Ave.

Unique Program: Adult Slow Pitch Softball games

Sikorski Field is a mid-size older facility with a ball field that includes many scattered vintage amenities including a scoreboard, concession stand and building, picnic tables, bleacher area and team seating.

There is also a play area with a swing-set and bench. An off-street parking area is provided in two locations, and there is a long driveway from the entry point to a further off-street parking area and field.

The facility requires maintenance. There are no accessible elements or areas throughout the facility.

Approach and Entry



Photo 1



Photo 2



Photo 3

Issues:

Points of Entry - There are several points of entry to facility from nearby streets and sidewalks. None are accessible because there are no smooth, level and slip-free routes provided around the perimeter of the facility. (Photo 1, Photo 2, Photo 3)

Sidewalks - There are no paved sidewalks provided along the roads and there are no protected pedestrian accessible routes from the nearby bus stop to any facility entrances. (Photo 1)

Walkways - Walkways throughout facility have deteriorated surfaces and no pedestrian accessible conditions. (Photo 1, Photo 2, Photo 3)

Off-Street Parking - An unmarked parking area is located near bleachers at the main entrance area to the facility. There are no accessible parking space conditions provided. (Photo 3)

Recommendations:

Points of Entry - Install accessible routes at facility points of entry that include smooth, level and slip-resistant surfaces and at least a 36-inch continuously accessible route. Points of entry should connect via accessible routes to nearby streets and sidewalks, where provided.

Sidewalks - When street reconstruction improvement projects are scoped, ensure that accessible sidewalk routes are provided around the perimeter of municipal facilities.

Walkways - Install accessible walkways to each different facility area, ensuring that these walkways connect to at least one accessible route that links all facility areas together.

Off-Street Parking - Grade and pave a parking lot and provide at least one van-accessible parking space with access aisle. This space will be at least 8 feet wide and the adjacent access aisle will be at least 8 feet wide. The cross slope at and between the accessible parking spaces and the pathways to program areas will not exceed a 2.08% cross slope and will be smooth, firm and slip-resistant.

Access to Programs



Photo 4

Issues:

Field Activities - There are no accessible routes linking field activity areas to points of entry or to the parking area.

Entry to the bleacher area is impeded by walkways that are not at least 36-inches wide. The walkway includes level changes, excessive cross slopes, and lack of maneuvering clearance to access bleachers and shed. Bleachers do not provide accessible seating and are in deteriorated condition. (Photo 4)



Photo 5

There is no accessible route to team seating, perimeter of field play areas, spectator (bleacher) areas, and picnic tables. (Photo 5)

Play Area - There are no accessible routes approaching and entering the play area. In addition, the recessed play area is bordered by logs and there is no connecting route between the bench on the higher level and the swingset. (Photo 5)

Recommendations:

Field Activities and Play Area - Install at least one continuous accessible route that connects all activity areas, play areas, elements, and spaces that are on the site.



Photo 6



Approach & Entrance

Point of Entry



Element Point of Entry **type** **Record #** 024

- Issues**
- A. Not near public transit stop
 - B. Not near off-street parking
 - E. Uneven, unstable or slippery
 - F. Not connected to accessible route
 - H. Needs maintenance

Comment

Element Point of Entry **type** **Record #** 013



- Issues**
- E. Uneven, unstable or slippery
 - F. Not connected to accessible route

Comment

Element Point of Entry **type** **Record #** 014



- Issues**
- E. Uneven, unstable or slippery -
 - F. Not connected to accessible route -

Comment



Element Point of Entry **type** **Record #** 020

Issues E. Uneven, unstable or slippery
F. Not connected to accessible route
H. Needs maintenance

Comment

Other Amenities

Public Toilet Rooms



Element Public Toilet Rooms **type** **Record #** 019

Issues B. Not on accessible route
A. Accessible/unisex not provided

Comment

Play Areas

Playground



Element Playground **type** **Record #** 022

Issues

Comment nothing accessible.

Playgrounds



Element Playgrounds **type** **Record #** 016

Issues A. Not connected by accessible route

Comment Swingset area, borders, not connected via accessible route



Element Playgrounds **type** **Record #** 025

Issues C. Ground surface uneven or slippery

Comment bordered, no smooth level walkways

Sport Areas

Field



Element Field **type** **Record #** 021

Issues A. Not connected by accessible route
C. Spectator seating not on accessible route
E. Team seating not on accessible route
F. Practice areas not on accessible route
G. Needs maintenance

Comment



Element Field **type** **Record #** 023

- Issues**
- A. Not connected by accessible route
 - C. Spectator seating not on accessible route
 - E. Team seating not on accessible route
 - F. Practice areas not on accessible route
 - G. Needs maintenance

Comment

Tables & Seating

Tables



Element Tables **type** **Record #** 026

- Issues**
- B. At least one or 5% not provided
 - C. Not connected by accessible route
 - D. Ground surface uneven or slippery
 - E. Knee clearance not provided
 - F. Needs maintenance

Comment



Element Tables **type** **Record #** 015

- Issues**
- C. Not connected by accessible route

Comment

Benches



Element Benches **type** **Record #** 018

- Issues**
- A. Not connected by accessible route
 - B. Ground surface uneven or slippery
 - C. Adjacent clear space not provided
 - H. Needs maintenance

Comment

Bleachers



Element Bleachers **type** **Record #** 017

- Issues**
- A. Not connected to accessible route
 - B. Ground surface uneven or slippery
 - C. Clear space not provided or not integrated

Comment

South St. Playground



Location:

South St.

This lovely neighborhood pocket park has a composite play structure, several swing rockers, new benches, a swingset, and a small grassy area.

Although dates of reconstruction were not shared with IHCD, this park appears to have been recently rehabilitated or constructed, since it has a relatively new walkway and new benches installed.

There are no pedestrian crosswalks, curb ramps or sidewalks around the perimeter of the facility that currently provide an accessible route, and the play area within the park is not connected via any accessible route to the amenities and walkways otherwise offered.

Approach and Entrance



Photo 1

Issues:

Sidewalks - The sidewalk reciprocal to the facility has excessive run slopes where driveway intersects with sidewalk, and the sidewalk on facility side has excessive cross slopes adjacent to the entrance. (Photo 1)

Recommendations:

When streetscape alterations are planned along street, ensure that the scope of work includes provision of compliant accessible routes around the outside perimeter of facility and also along reciprocal sidewalks.

Access to Programs



Photo 2

Issues:

Play area - There is no accessible route into the play area because a border completely separates this recessed area from the surrounding walkways and benches. (Photo 2)

Within the play area, there are no accessible routes between and to the play components because the ground surface is not smooth or level and there are no smooth and level pathways provided at and between the entry and exit points of the play components.

Recommendation:

Install an accessible ramp entry path into the play area and connect it to an installed or resurfaced accessible route to and between all entry and exit points of play components. The ramp should have cross slopes not exceeding 2.08%, edge protection, and run slopes not exceeding 5%. There should be a level bottom landing and seamless integration with walkways at top.

ADA 2010 Standards apply to play areas for children 2 years and older in new construction and major alteration. When facility is renovated, consider resurfacing the play area with unitary ground surface materials instead of loose fill materials in order to maintain at least the minimal requirements for surface area attenuation within play use zones and the accessibility standards for accessible slopes and surfaces at, and between, play components. Unified ground surfaces will generally maintain both attenuation and accessible conditions without need for frequent maintenance for many years.



Approach & Entrance

Pedestrian Crosswalk



Element Pedestrian Crosswalk **type** **Record #** 031

Issues A. Not Provided at Intersection

Comment 10.8% run slope across from park

Sidewalk



Element Sidewalk **type** **Record #** 032

Issues A. Obstructed
B. Cross slope too steep
C. Changes in level

Comment Driveway slope does not blend to pedestrian access zone requirements



Element Sidewalk **type** **Record #** 030

Issues B. Cross slope too steep 7.4%

Comment Across the street, a new curb ramp has a 10.8% slope. On facility sidewalk, cr slope 7.4%

Play Areas

Playgrounds



Element Playgrounds

type

Record # 029

Issues

Comment Border is continuous, no connection between benches, grassy area and inside play area.



Element Playgrounds

type

Record # 028

Issues A. Not connected by accessible route

Comment Benches new, walkway appears new, high border around playground-no access



Element Playgrounds

type

Record # 033

Issues A. Not connected by accessible route

Comment border around entire play area

Taunton Green



Location:

Rt44/Rt138 /Rt140 Intersection

Built: 1830

Renovations: As part of the city's downtown Sidewalks Improvement Projects, modern parking meter kiosks were installed around the Taunton Green.

Taunton Green is a highlight facility in Downtown Taunton and includes several military monuments, a flagpole near the center, some flower beds, and four walkway paths that lead from the four corners of this skewed rectangle to the centrally located Soper Memorial Fountain plaza.

This lovely urban park could be improved with streetscape renovations to the Downtown Business District. While the paths are generally level, smooth and slip-resistant, the pedestrian crosswalks at the four corners of the park are not accessible.

Approach & Entrance



Photo 1

Issues:

Pedestrian Crosswalk - Pedestrian routes from the Downtown Courthouse bus stop at the North (Court St.) and the Downtown Taunton bus stop at the Southwest are not continuously accessible to this central Municipal Events location. Some crosswalks include new curb ramps; however, the curb ramps are not uniformly installed with level bottom landings. (Photo 1)

Parking - Two-hour parallel parking spaces along Rte. 138 (Eastern side of parcel) do not include any designated accessible spaces. Three designated spaces on the northern side of the parcel do not connect to the site via accessible pedestrian routes.

Sidewalks – The sidewalk along Court Street has slightly excessive cross slopes.

Recommendations:

Pedestrian Crosswalk -

- Northeast crosswalks (crossing MA140): transition between sidewalk and gutter should include a smooth and level transition with no level changes. Tactile strips are recommended at this busy crossing.
- North crosswalk (crossing US-4): transition between sidewalk and gutter should include a smooth and level transition with no level changes. Tactile strips are recommended at this busy crossing.
- South crosswalk (crossing Rte. 138): transition between sidewalk and gutter should include a smooth and level transition with no level changes. Tactile strips are recommended at this busy crossing.
- Northeast crosswalk (from crosswalk island, intersection of MA140 and US 44): transition between sidewalk and gutter should include a smooth and level transition with

no level changes. Tactile strips are recommended at this busy crossing.

Parking - When the Downtown Taunton Street Reconstruction projects are developed, ensure that a continuous accessible route connects all designated on-street and off-street accessible parking spaces within Downtown Taunton to all municipal programs, buildings and amenities that are provided to the public.

Sidewalks - When the Downtown Taunton Street Reconstruction projects are developed, consider mitigating cross slopes along Court Street and include accessible curb ramps at both sides of all pedestrian crossings along Court Street, including crosswalks adjoining municipal parking facilities.

Note: In the Church Green Local Historic District, the Taunton Historic District Commission reviews any proposed changes to exterior architectural features visible from a public right-of-way.



Approach & Entrance

Pedestrian Crosswalk



Element Pedestrian Crosswalk **type** **Record #** 001

Issues C. Uneven, unstable or slippery
E. Needs maintenance

Comment level changes from curb ramp to crosswalk make this a less than accessible route.

Vietnam Fountain



Location:

Church Green and Spring St.

Built: 1968

Renovations: Granite Marker added 1985

Programs: Annual POW/MIA vigil

Located behind the First Parish Church in Taunton's Church Square, the Vietnam Veterans Memorial Fountain is one of the first Vietnam War memorials installed in the U.S.

In 1985, the Memorial rock - a marble slab naming the 13 Taunton soldiers who lost their lives in the Vietnam war - was also installed as part of this important Taunton Memorial. This feature requires accessible circulation routes from nearby sidewalks.

The fountain walkway and benches are usable, but sidewalks on either side of the Church Green have deteriorated surfaces and excessive cross slopes. Inadequate turning clearance is provided at North and South entry points to a concentric walkway.

Accessibility improvements are needed to ensure that accessible routes connect from surrounding sidewalks to all features within this important war Memorial.

The project will need to be reviewed by the Historic District Commission, per Taunton's Historic District Ordinance.¹

¹ http://www.taunton-ma.gov/Pages/TauntonMA_BComm/Hist_Procedures.pdf

Approach & Entrance



Photo 1

Issues

Sidewalks & Walkways - Sidewalks are not continuously smooth within the perimeter of site. Sidewalk access to the site from nearby crosswalks at all corners is not accessible.

There are excessive cross slopes especially at the transitions between sidewalks and circulation walkways to the various monument areas. (Photo 1)



Photo 2

Walkways leading from sidewalks to the Fountain, Memorial Rock, and the Memorial Path and monument are not continuously level, smooth and slip-resistant. (Photo 2)

Turning Space - Wheelchair maneuvering clearance to turn onto the site's walkways is not provided. (Photo 3)

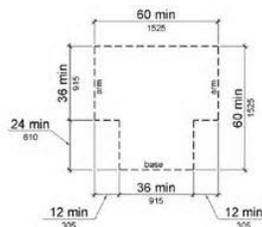
Recommendations

Sidewalks & Walkways - When the Downtown Taunton Street Reconstruction projects are developed, include reconstruction of sidewalks and walkways around the monument. Improvements will provide sidewalks with at least 36 inches of smooth, level and slip-resistant pavement, plus accessible curb ramps that are oriented directly into crosswalks and include reciprocal curb ramps on both ends.



Photo 3

Turning Space - At both the North and South sidewalk to walkway turning points onto the facility interior walkways, enlarge the walkway width to provide at least a 60-inch turning diameter or adequate space for a t-turn. See below diagram.





Approach & Entrance

Sidewalk



Element Sidewalk **type** **Record #** 004

Issues

Comment Sidewalk not at least 36" continuous width



Element Sidewalk **type** **Record #** 001

Issues B. Cross slope too steep
M. Needs maintenance >3%

Comment



Element Sidewalk **type** **Record #** 003

Issues B. Cross slope too steep
M. Needs maintenance -

Comment No turning maneuvering clearance

Circulation

Walkways



Element Walkways **type** **Record #** 005

Issues A. Surface uneven, unstable or slippery -
D. too narrow -
F. Cross slope too steep -
G. Changes in level -
M. Needs maintenance -

Comment



Element Walkways **type** **Record #** 006

Issues A. Surface uneven, unstable or slippery -
D. too narrow -
F. Cross slope too steep -
G. Changes in level -
K. Edge protection missing or inadequate -

Comment curb edge broken- no edge protection



Element Walkways **type** **Record #** 007

Issues J. Resting spaces missing or inadequate

Comment There is not sufficient turning clearance on this side or the opposite side, same design.

Tables & Seating

Element Benches

type

Record # 002

Issues A. Not connected by accessible route

Comment



Weir Park



Location:

First St.

Weir Park is a mid-size facility with two ball fields, team seating at both fields, field lights for both ball fields, and secured field equipment shed.

The north portion of facility along First St. offers an unmarked parking area that does not include accessible parking conditions. There is no accessible route provided between the parking area and the facility activity areas.

The larger field on the western portion of the site near West Weir St. includes an equipment shed, two dugout areas and bleachers. The northern ball field includes two dugout areas and no bleachers.

An accessible route is not provided to any activity areas in the facility.

Approach and Entrance



Photo 1



Photo 2



Photo 3

Issues:

Pedestrian Crosswalks & Sidewalks - No pedestrian crosswalks are provided around perimeter of facility. There are no sidewalks provided adjacent to facility gates. (Photo 1)

Parking - Although three signs posted on the fence indicate that there are three accessible parking spaces available, there are no markings for accessible parking spaces and access aisles. (Photo 2)

There is no accessible route between the indicated accessible parking area and the facility activities.

Gates - At least three gates are adjacent to the parking area leading onto the field. There are no gates that provide adequate maneuvering clearance with a level, smooth, firm and slip-resistant ground surface. (Photo 3)

Recommendations:

Pedestrian Crosswalks & Sidewalks – When streetscape alterations are planned along street, ensure that the scope of work includes provision of compliant accessible routes around the outside perimeter of facility from nearby streets to at least 60% of the facility points of entry.

Parking – Establish at least one Van-Accessible parking space closest to an accessible point of entry into facility. The Van-Accessible space should be a minimum of 8 feet wide, with an adjacent access aisle of a minimum 8 feet. Alternatively, the Van-Accessible space can be 11 feet wide, with an adjacent access aisle 5 feet wide.

If there are 26 or more car spaces available in the parking area, establish at least one more accessible parking space. This space

should be at least 8 feet wide and can share an access aisle with the van-accessible space.

The path between the parking spaces and the entrance door should be level, smooth and slip-resistant in all directions. "Level" means not exceeding a 2.08% slope in all directions.

Install markings at the accessible parking spaces and access aisles to discourage other uses of these spaces.

Gates – Provide gates with 32-inches clear width, minimum. Ground surfaces at gates shall be smooth, level and slip-resistant. Install a kickplate or smooth surface at the bottom of the gate on the push side.

Access to Programs



Photo 4

Issues:

Team Seating & Perimeter of Play Area - There are no accessible routes connected to team seating and perimeter of field activities. (Photo 4)

Bleachers - One set of bleachers is provided in the north field. There are no accessible routes connected to the spectator area. (Photo 5)



Photo 5

Recommendations:

Team Seating & Perimeter of Play Area & Bleachers- Install at least one continuous accessible route from accessible parking to connect to all activity areas, elements and spaces that are on the site.



Approach & Entrance

Pedestrian Crosswalk



Element Pedestrian Crosswalk **type** **Record #** 057

Issues A. Not Provided at Intersection
C. Uneven, unstable or slippery

Comment Frist st. intersection - ped xng or accessible ped routes

Sidewalk



Element Sidewalk **type** **Record #** 056

Issues B. Cross slope too steep
C. Changes in level

Comment Sidewalk not provided



Element Sidewalk **type** **Record #** 067

Issues B. Cross slope too steep
C. Changes in level

Comment no sidewalk provided, just a 42 inch strip of grass

Off-street Parking Space



Element Off-street Parking **type** **Record #** 054
Issues

Comment designated parking spaces at gate but no accessible features provided



Element Off-street Parking **type** **Record #** 058

Issues Access aisle not provided or not compliant
Needs maintenance
Not connected to accessible route
Van-designated space not prov. or not comp.

Comment 3 designated, but no accessible conditions present



Element Off-street Parking **type** **Record #** 069

Issues Not connected to accessible route

Comment no walkway or circulation routes provided from "accessible" parking spaces



Element Off-street Parking **type** **Record #** 059
Issues Sign not provided or not compliant 46"

Comment Parking signs 46" above grass

Gates



Element Gates **type** **Record #** 053
Issues Gate smooth surface missing or not compliant
Ground surface uneven, unstable or slippery

Comment no access from gate



Element Gates **type** **Record #** 061
Issues Gate smooth surface missing or not compliant
Ground surface uneven, unstable or slippery
Hardware not compliant
Inadequate maneuvering clearances
Needs maintenance

Comment ground surface not smooth, a utility cover in path



Element Gates **type** **Record #** 060

Issues Gate smooth surface missing or not compliant
Ground surface uneven, unstable or slippery
Inadequate maneuvering clearances

Comment several gates provided, none provide accessible entry. here, the opening is 20"



Element Gates **type** **Record #** 066

Issues Ground surface uneven, unstable or slippery

Comment

Other Amenities

Lockers



Element Lockers **type** **Record #** 063

Issues B. Not on accessible route

Comment shed not on accessible route

Sport Areas

Field



Element Field **type** Baseb **Record #** 065

- Issues**
- A. Not connected by accessible route
 - C. Spectator seating not on accessible route
 - E. Team seating not on accessible route
 - F. Practice areas not on accessible route
 - G. Needs maintenance

Comment this is the larger field



Element Field **type** **Record #** 052

- Issues**
- A. Not connected by accessible route
 - E. Team seating not on accessible route
 - F. Practice areas not on accessible route

Comment well manicured but no accessible route to any field activities and areas



Element Field **type** **Record #** 055

- Issues**
- A. Not connected by accessible route
 - E. Team seating not on accessible route
 - F. Practice areas not on accessible route

Comment



Element Field **type** **Record #** 068

- Issues** A. Not connected by accessible route
E. Team seating not on accessible route
F. Practice areas not on accessible route

Comment cement platform 1 inch high, 26 inches maneuvering provided in front of bench.



Element Field **type** **Record #** 062

- Issues** A. Not connected by accessible route
F. Practice areas not on accessible route

Comment field has night lights, equipment shed, well maintained but no access



Element Field **type** **Record #** 064

- Issues** C. Spectator seating not on accessible route

Comment

Weir Riverfront Park



Location:

E. Water St. near Hood St.

Weir Riverfront Park is a lovely Park and Open Space on the east bank of the Taunton River, spanning approximately 1/3 mile of riverbank and available to pedestrians at four points of entry intersecting with East Water Street: Berkley St., Hood St., Agawam St., and near Riverview Street.

The facility includes paved walking trails, an old bandstand, a small boat ramp and parking area, picnic tables and benches, a small play area with play structures for both younger and older children, and memorial markers and monuments along the gently winding walkway.

Pedestrian-related improvements will greatly enhance access to this park at each of the widely spaced entry points and ensure safety with regards to motorist-pedestrian conflicts.

Maintenance-based improvements to the play area ground surfaces will enhance accessibility to the play elements, including to the unique Dream Catcher feature.

The addition of small accessible paths between the walkways and seating features will enhance access to each unique viewing and passive feature. Safety and access considerations at the boat launch may enhance the potential for adaptive rowing features to be added to this park's assets. Rebuilding the bandstand would also enhance the versatile features of this community asset.

When these relatively minor reconstruction issues are completed, this park and open space will be a thoroughly accessible asset for the entire community. Any future improvements and expansion of features within this lovely facility can build upon that success.

Approach and Entrance



Photo 1



Photo 2



Photo 3

Issues:

Points of Entry - Facility points of entry along E. Water St., from Berkley (North point of entry), to approximately 600 feet South of Riverview St. (the southernmost end of the park's walkway and features) are not accessible. Crossing points at the following entry points require accessibility improvements on at least the facility side of E. Water St at:

- Berkley St. (Photo 1)
- Hood St. (Photo 2)
- Agawam St.
- Boat ramp entry point near Riverview St. (Photo 3)
- The southernmost point of entry and paved walkway feature near # 88 E. Water St.



Photo 4

Sidewalks - The existing facility perimeter sidewalk along E. Water St. from the Weir Village Riverfront Park 1993 marker (nearest site access point to playground) to the pedestrian entry across from Agawam St. (adjacent to the motorist's parking lot entry) is in good condition with the exception of the two utility covers and catch basin infrastructure. At these locations, there level changes which are pedestrian hazards. (Photo 4)



Photo 5

Parking - A parallel parking space was thoughtfully designated as an accessible space near the north entry point (Berkley St.). However, there is no accessible route to the entry point from this parking space that would not interfere with vehicular traffic due to no parallel access aisle. (Photo 5)

A small parking area is located adjacent to the Boat Ramp. This unmarked area is not large enough to accommodate a Van-Accessible parking space. There is no information available regarding the closest accessible parking space within the perimeter of the facility. (Photo 6)

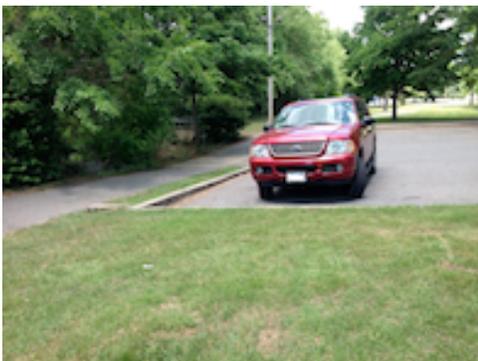


Photo 6

Recommendations:

Points of Entry - When street renovations are planned along E. Water Street, ensure that the scope of work includes provision of accessible pedestrian routes to approach this park at each point of entry along perimeter of facility. Scope of work should include maintenance and improvements along park perimeter sidewalk and also reciprocal elements on opposite sidewalk with particular attention paid to installation of curb ramps and crosswalks at site entry points.

Sidewalks – Repair level changes at the two utility covers and catch basin area.

Parking - Although it is not yet required to provide accessible on-street parking, it is a thoughtful practice to provide accessible parking in proportion to the on-street parking that is provided to the general public. At the Berkley St. entry point, consider providing a curbside clear paved area adjacent to space for

accessible van lift deployment.

When street renovations are planned along E. Water Street, it may be feasible to add an accessible on-street parallel parking space at a location accessible to the boat ramp.

Specifications for an accessible parallel parking space include:

- 8 feet of space with 5-foot minimum obstruction-free access aisle adjacent to space for parallel parking.
- The curb line shifts towards the pedestrian right-of-way to accommodate the access aisle.
- Parking space and access aisle will have smooth surface for lift deployment.
- Cross slopes will be minimized to allow for lift operation.

Access to Programs - Play Area, Interior Circulation Routes



Photo 7

Issues:

Play Area- Entry to the play area includes a very steep slope and is not connected to park walkways with a level, smooth and slip-resistant ground surface. (Photo 7)

The bench and table amenities are not connected by at least one accessible route to the play area components, or to the general walkway paths. (Photo 7)



Photo 8

Within the play area, there is no accessible circulation route between the play components, because the loose fill material does not hold an accessible slope. (Photo 8)

Interior Circulation - In general, the park's walkways are smooth, level and slip-resistant. However, there is not a continuous accessible route because areas of the walkways have level changes due to tree roots, barriers and other surface irregularities and deterioration. (Photo 9)



Photo 9

Recommendations:

Play Area - Install a graded pathway that connects the walkway with the least possible slope into the play area. Where the slopes exceed 5%, provide an ADA-compliant ramp with handrails. Alternatively, investigate treatment alternatives to relax steep slopes through vegetation, landscaping, cut-and-fill procedures etc. Such a project may also inform considerations related to relaxing the boat ramp slope to river's edge.

In order to provide accessible seating amenities at the play area, install an accessible pathway connection from the walkway to at least one of the benches along the play area. Include a clear 30 x 48 inch, minimum, space to the side of one of the benches for

integrated seating. This pathway should connect with the play area entry point.

Within the play area, there should be a ground surface that meets requirements for impact attenuation simultaneous with accessibility requirements. Accessibility requirements are that the run slopes do not exceed 6.25% maximum; and the cross slopes at and between the ground play components must be maintained at no more than 2.08%. Therefore, it is recommended that the play area be resurfaced with unitary ground surface materials at least where there are circulation routes at and between the play components.

The reason for recommending unitary verses loose fill ground surface materials is as follows: Unified ground surfaces will generally maintain both attenuation and accessible conditions without need for aggressive maintenance for many years; whereas, loose fill materials require very frequent maintenance to provide continuous accessible slopes.

Interior Circulation - In designing a solution to increase the continuous accessibility of the circulation paths while accommodating tree roots and minimizing damage to the infrastructure, there are a number of solutions. Some possibilities for this park include:

Install alternate sub-base materials that will provide a natural barrier to root growth; and then reinstall walkway; channeling roots to loose open soil; and suspending part of the walkway over the soil.

Whatever the City experts decide, the outcome should be to maintain a continuously clear, unobstructed, level, smooth and slip-resistant walkway with at least 36 inches width throughout, and that connects to each area of activity and events offered at this lovely riverfront park.

Access to Programs - Bandstand, Boat Ramp



Photo 10



Photo 11

Issues:

Bandstand - The Bandstand was originally constructed to be accessible, including a ramp integrated onto the stage. However, this feature is currently in disrepair and is unsafe, with rotted and disintegrated floorboards. It is important to ensure that people do not use the ramp, as it is currently hazardous.

Boat Ramp - A steeply sloped boat ramp with limited width and features slopes down to river's edge. This is used for launching canoes and kayaks but it is not accessible and does not provide an accessible means for paddlers to enter or dismount from adapted and standard canoes.

Recommendations:

Bandstand - In the short term, provide caution tape and signage warning people that the floorboards are rotted and the bandstand is unusable. In the long term, if this bandstand is rebuilt, the design features of the original ramp provided an accessible bandstand back in the day.

Boat Ramp - This is a program feature of the Riverfront Park and is the starting point for a paddle down to Dighton Rock State Park. When renovations to this boat ramp are being planned and designed, include people with disabilities and adaptive boating experts in the planning and design discussions. Any modifications made to the boat ramp must be made to accessible dimensions to the maximum extent possible.

Access to Programs – Table & Bench Amenities



Photo 12

Issues:

Tables - Although most tables are connected to the walkways via a smooth path, the pathways do not consistently provide accessible slopes; and, none of the tables provide an extended portion with accessible seating clearance for knees and toes.

There is a table in disrepair at the entry point near Agawam Street; this includes sharp points and can be hazardous. (Photo 12)

There is a table that is not along the circulation route in the southernmost portion of the Park. (Photo 13)



Photo 13

Benches - Although most benches are adjacent to the circulation routes, a dedication bench in the southernmost portion of the park is not along the circulation route. (Photo 14)

Recommendations:

Tables - Remove tables that are broken to prevent hazards. Consider providing at least one table along a riverfront or memorial viewing area that includes an additional connected leaf with clearance underneath for knee and toe clearance and integrated seating.

Benches - When dedication furniture is offered to the parks, install benches with a level smooth and slip-resistant pathway to approach and use the bench. Consider providing a clear, level space on either side of bench that is at least 30 x 48 inches to allow for integrated shoulder-to-shoulder sitting.



Photo 14



Approach & Entrance

Curb Ramp



Element Curb Ramp **type** **Record #** 008

- Issues**
- A. Not provided at Intersection
 - G. Too narrow
 - H. Uneven, unstable or slippery
 - I. Changes in level / sidewalk transitions
 - N. Needs maintenance

Comment Need compliant curb ramp here or where site entry point will be, after walkway to boat ramp and park is re-routed due to tree root upheaval on existing path.

Sidewalk



Element Sidewalk **type** **Record #** 002

- Issues**
- B. Cross slope too steep
 - C. Changes in level

Comment No Curb ramps provided crossing Agawam St.; no sidewalk available on facility side. Best Practice: Since this Agawam St. T-intersection is across from Park Site Access Point at boat ramp / parking area, it is highly recommended to install Tactile strips and a marked crosswalk perpendicular to



Element Sidewalk **type** **Record #** 003

- Issues**
- D. Obstructed by grates
 - C. Changes in level
 - M. Needs maintenance

Comment across from approximately #55 E. Water St. Despite physical constraints of possible underground vaults and utility services, necessary minimal alterations needed: Replace section of sidewalk so that level changes caused by different surface materials (stone / asphalt/ metal)

Off-street Parking Space

Element Off-street Parking **type** **Record #** 021

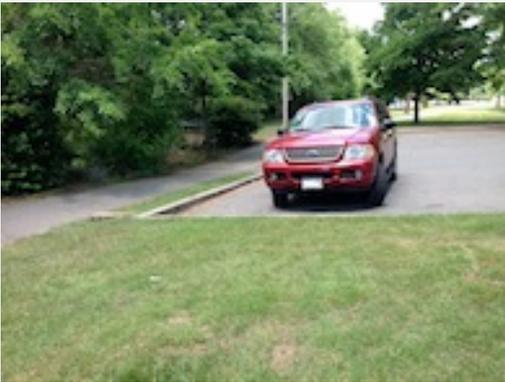
Issues Not connected to accessible route



Comment Designated accessible parallel parking space near the north entry point lacks parallel access aisle, level

Element Off-street Parking **type** **Record #** 023

Issues Not provided



Comment a small unmarked parking area is located near the Boat Ramp. There is not enough room to locate a Van-accessible space here.

Point of Entry

Element Point of Entry **type** **Record #** 001

Issues E. Uneven, unstable or slippery 7.2%
F. Not connected to accessible route 7.5%
H. Needs maintenance



Comment N entry point (Berkley & E. Water St.)- transition at gutter of curb cut not smooth or level. Run slope (7.2%) requires curb ramp installation.



Element Point of Entry **type** **Record #** 013

Issues E. Uneven, unstable or slippery
H. Needs maintenance

Comment Southernmost entry point needs maintenance for smooth transition btn gutter and walkway. Tactile strips recommended.

Circulation

Walkways



Element Walkways **type** **Record #** 022

Issues

Comment Facility Rules SIGNAGE- Best practice recommendation: mount information, safety and facility rules signage text higher than between 40 - 60 inches aff.



Element Walkways **type** **Record #** 016

Issues A. Surface uneven, unstable or slippery
C. Route to all feature not provided
M. Needs maintenance

Comment Ground surface does not hold accessible cross slopes. Need level paths to all accessible ground elements. Structure has transfer steps which have accessible dimensions and lead to at least 51% of elevated features- good.



Element Walkways **type** **Record #** 007

Issues A. Surface uneven, unstable or slippery
 D. too narrow
 G. Changes in level
 M. Needs maintenance

Comment This is walkway extending from site access point across from Hood St. Options: consider rerouting walkway



Element Walkways **type** **Record #** 017

Issues A. Surface uneven, unstable or slippery 18.4
 E. Running slope too steep %
 F. Cross slope too steep
 M. Needs maintenance
 C. Route to all feature not provided

Comment Paved walkway ends before entry point to playground. A ramp with handrails should be designed and constructed extending from walkway to access all entry/exit points of accessible play features. The border around the play ground also prevents access to the bench and table from play area



Element Walkways **type** **Record #** 006

Issues A. Surface uneven, unstable or slippery
 G. Changes in level
 M. Needs maintenance

Comment Most of walkway is smooth and 5% or less. Cross slopes range to 2.6% - not severe problem. City should consider options to deal with tree root upheaval- consider channeling roots to access open soil space w/drainage/aeration mats or alternate surface materials such as rubber

Ramp



Element Ramp **type** **Record #** 009

Issues B. Too steep
I. Needs maintenance

Comment walkway to boat ramp has excessive cross slopes; ramp should be evaluated for possible regrading and width

Other Amenities



Element **type** **Record #** 004

Issues

Comment Bandstand flooring unstable, rotted. Safety Signage suggested at stairs and ramp entry



Element **type** **Record #** 005

Issues

Comment Bandstand- safety issues from ramp. Suggestion to reconstruct or remove

. Signage



Element I. Signage

type

Record # 015

Issues

Comment Signage: Play area signage not along accessible route; no clear space for viewing.

Play Areas

Playgrounds



Element Playgrounds

type

Record # 014

Issues A. Not connected by accessible route

Comment The play area ground surface, approach and use is inaccessible but needs minor modifications within, other than at the entrance which is a steep ungraded non level dirt path.

Tables & Seating

Tables



Element Tables

type

Record # 020

Issues

Comment Example of well positioned bike rack, out of PAR and adjacent to PAR.



Element Tables **type** **Record #** 011

Issues A. Total number of tables 4
B. At least one or 5% not provided
C. Not connected by accessible route
D. Ground surface uneven or slippery
E. Knee clearance not provided

Comment One broken table near Hood St. entrance located adjacent to walkway



Element Tables **type** **Record #** 012

Issues E. Knee clearance not provided 19"

Comment Picnic table at play area should be switched to an accessible table; or one with an added accessible leaf.



Element Tables **type** **Record #** 018

Issues E. Knee clearance not provided

Comment This is the only table within facility that is adjacent to accessible route and includes a clear seating space with good cross slopes. However, user cannot use table top due to lack of knee clearance depth.



Element Tables **type** **Record #** 019

Issues F. Needs maintenance
C. Not connected by accessible route

Comment Broken table near Agawam entry point- Walkway originally designed to provide accessible route to table. However, tree roots at this location now impede accessible walkway circulation.

Benches



Element Benches **type** **Record #** 024

Issues A. Not connected by accessible route
B. Ground surface uneven or slippery

Comment Dedication Bench, southernmost portion of park



Element Benches **type** **Record #** 010

Issues A. Not connected by accessible route
B. Ground surface uneven or slippery
C. Adjacent clear space not provided
H. Needs maintenance

Comment Of 7 benches, one set near Pier have a clear space with good cross slopes for integrated seating. Facility Management practice suggestion: When memorial benches are installed, install an accessible walkway to benches at every unique location (viewing of river, around playground, etc.)

Westside Park



Location:

Clifford St.

Westside Park consists of two ball fields to the north and east of the James L. Mulcahey Middle School, plus the hardtop and sandy play areas connected with the school.

The points of entry via the school walkways, the parking lot, and the nearby sidewalks do not include accessible route conditions.

The play area consists of two large separated areas: the playground components are to the north and include a tables area; and to the south is a large hardtop area with 4 aisles of ground jumping games plus a half basketball court.

The access pathway from the school into the play areas was observed during the survey, which occurred during lunch recesses. The students exit from a rear door, walk through the parking area, and enter the play areas through a gate that has a sandy ground surface and a disintegrated mat in front.

Accessible routes between the school and the play areas are required. Accessible routes within and between the entry and exit points of ground play components and the children-sized table and seating elements are required. Field areas and elements should be connected by at least one accessible route.

Approach and Entrance



Photo 1

Pedestrian Accessible Route from Sidewalks - No pedestrian accessible route is provided from Clifford Street into the rear of the Mulcahey School, where there is a drive-through to the parking area. The entrance to both play areas and both fields is north of the driveway (to the right of the cars in the photo). (Photo 1)

Parking - Although two signs and ground markings indicate that there are two accessible parking spaces available, these spaces do not include accessible slopes or access aisles and they do not provide a level, smooth and slip-resistant walkway to the nearest doors into the school or to the outdoor facilities. (Photo 2)



Photo 2

Gate - The gate that is used for students to enter the play area is at the hardtop section of the play area. This gate provides unsafe and inaccessible conditions. The sand ground surface is not level, smooth, or slip-resistant. The damaged mat in front of the gate is hazardous. The slopes to the gate are excessive. (Photo 3)

Recommendations:

Pedestrian Accessible Route from Sidewalks - Mitigate the sidewalk and curb ramp conditions on either side of the drive-in to the parking area and outdoor facilities to ensure that a pedestrian accessible route is provided from nearby streets and sidewalks. Install an accessible route entry point into the outdoor facilities from Clifford Street that does not conflict with motorists.



Photo 3

Parking - Provide highly visible markings for at least one van-accessible and one car accessible parking space that is on a level sloped area closest to an accessible entrance / exit to the school and to the outdoor areas. The accessible spaces should be along an accessible route with cross slopes not exceeding 2.08% in all directions. The accessible spaces can share an access aisle, which should be marked. Both parking spaces should be at least 8 feet wide. Alternatively, the van-accessible space

Issues:

can be 11 feet wide, with an adjacent access aisle 5 feet wide. Both spaces can share an access aisle.

Gates - Provide an accessible route to the gates from the school exit door that is used for students to access the outdoor areas. The gate should open to at least 32-inches clear width. Ground surfaces at gates must be smooth, level and slip-resistant. Remove the damaged mat, which is a tripping hazard. Ensure that the ground surface does not include sand and that it is firm and level in all directions.

Access to Programs



Photo 4

Issues:

Play area - There are no accessible routes between the school and the play areas. There are no accessible routes within the play area to and between the play components. (Photo 4 & 5)

A children's size picnic table does not provide integrated clear seating space. The benches and tables provided within the play area are in sand, which does not provide a level, firm, slip-resistant surface. There are no accessible routes connecting these elements to other facility areas. (Photo 5)



Photo 5

Team Seating & Perimeter of Play Area - There are no accessible routes connected to team seating and perimeter of field activities. (Photo 6)

Recommendations:

Play area, Team Seating & Perimeter of Play Area - Install at least one continuous accessible route from the school to all activity areas, elements and spaces that are on the site. Ensure that the accessible route does not conflict with motorists.



Photo 6

When facility is renovated, consider resurfacing the play area with unitary ground surface materials instead of loose fill or sand in order to maintain at least the minimal requirements for surface area attenuation within play use zones and the accessibility standards for accessible slopes and surfaces at, and between, play components. Unified ground surfaces will generally maintain both attenuation and accessible conditions without need for frequent maintenance for many years.



Approach & Entrance

Off-street Parking Space



Element Off-street Parking **type** **Record #** 046

Issues Access aisle not provided or not compliant
Ground surface too steep [%]
Not connected to accessible route
Van-designated space not prov. or not comp.

Comment no markings for accessible parking, no accessible route from street intersection to Mulcahey back lot



Element Off-street Parking **type** **Record #** 051

Issues Access aisle not provided or not compliant 2
Not connected to accessible route
Total # of accessible parking spaces [quantity]
Van-designated space not prov. or not comp.

Comment 2 parking spaces near school exits designated as accessible, but no accessible features incl.

Point of Entry



Element Point of Entry **type** **Record #** 039

Issues C. Obstructed
E. Uneven, unstable or slippery
F. Not connected to accessible route

Comment informal back entry point

Gates



| | | | |
|----------------|--|-------------|---------------------|
| Element | Gates | type | Record # 041 |
| Issues | Gate smooth surface missing or not compliant Ground surface uneven, unstable or slippery Needs maintenance | | |
| Comment | Very unsafe entry at gate with torn mat, sand, excessive slopes, why not fixed? | | |

Circulation

Walkways



| | | | |
|----------------|--|-------------|---------------------|
| Element | Walkways | type | Record # 049 |
| Issues | A. Surface uneven, unstable or slippery C. Route to all feature not provided E. Running slope too steep F. Cross slope too steep G. Changes in level | | |
| Comment | Route from school exit to gate includes sand plus multiple hazards | | |



| | | | |
|----------------|---|-------------|---------------------|
| Element | Walkways | type | Record # 048 |
| Issues | A. Surface uneven, unstable or slippery C. Route to all feature not provided F. Cross slope too steep G. Changes in level L. Water accumulation | | |
| Comment | no accessible connection btn parking and field activities | | |



Element Walkways **type** **Record #** 047

Issues A. Surface uneven, unstable or slippery
F. Cross slope too steep
G. Changes in level
L. Water accumulation
M. Needs maintenance

Comment multiple safety and accessibility issues- not smooth level slip-resistant- but also unsafe, nr vehicles, conflicts w/ parking



Element Walkways **type** **Record #** 045

Issues A. Surface uneven, unstable or slippery
F. Cross slope too steep
G. Changes in level
M. Needs maintenance
L. Water accumulation

Comment Path to playground is completely inaccessible



Element Walkways **type** **Record #** 044

Issues A. Surface uneven, unstable or slippery
M. Needs maintenance

Comment Exit Door N10 is the chosen route to playground during recess. Inaccessible path.

Play Areas

Playgrounds



Element Playgrounds **type** **Record #** 042

Issues I. # and type of ground play comp. inadequ.

Comment 8 components, 2 ground. Ground surface not accessible.

Sport Areas

Field



Element Field **type** **Record #** 040

Issues A. Not connected by accessible route
E. Team seating not on accessible route
F. Practice areas not on accessible route

Comment



Element Field **type** **Record #** 050

Issues A. Not connected by accessible route
E. Team seating not on accessible route
F. Practice areas not on accessible route
G. Needs maintenance

Comment

Tables & Seating

Tables

Element Tables **type** **Record #** 043

Issues D. Ground surface uneven or slippery

Comment Children's tables and benches no accessible provided, embedded in sand surface.



Whittenton Field



Location: *Pleadwell St.*

Whittenton Field consists of a large unmarked field, plus a playground and a half basketball court east of the field. These areas are separated by a fence and a gate.

The field can be accessed at the intersection of 5th Avenue and Pleadwell St., while the playground/court area is more directly accessed at the end of Richard St.

Neither point of entry includes accessible pedestrian routes.

The playground includes two composite play components and a swing-set and has a recently constructed walkway around two sides, with new benches. One of the benches provides a clear space for accessible, integrated seating.

The concrete walkway transitions to an asphalt walkway at the hardtop court; this area also includes two benches.

On-street parking is *ad hoc* at the end of Richard St.

Approach and Entrance



Photo 1



Photo 2



Photo 3

Issues:

Sidewalks - There are no paved sidewalk routes into the facility fields at Pleadwell Street or the play area and court along Richards St. (Photo 1, Photo 3)

Parking - Although a sign along Pleadwell Street indicates that an accessible parking space is provided parallel to the field, there are no accessible conditions provided at this location. The sign is damaged and information on the sign regarding fines is unreadable. The parking location is alongside field barriers with no accessible entry point onto the field. (Photo 2)

Gates - The gates at the field and to the play area and court are not connected by an accessible route. At the play area, although the concrete path at the gate is smooth, it has an excessive cross slope. The entry to the concrete pathway and the entry to the field gate is not level, smooth or slip-resistant. (Photo 1 & 3)

Recommendations:

Sidewalks - When streetscape improvements are planned around this facility at Pleadwell Street and at Richards Street, ensure that the scope of the project includes provision of accessible routes at and into the facility from nearby streets and sidewalks.

Parking - There is no parking provided to the general public at this facility. Therefore, there are no requirements that accessible parking spaces be provided either. However, where parallel parking spaces are provided to ensure access for people with disabilities, specifications for an accessible parallel parking space include:

- 8 feet of space with 5-foot minimum obstruction-free access aisle adjacent to space for parallel parking.
- The curb line shifts towards the pedestrian right-of-way to accommodate the access aisle.

- Parking space and access aisle will have smooth surface for lift deployment.
- Cross slopes will be minimized to allow for lift operation.

Gates - Provide an accessible route between field gate and play / court area gates. Ground surfaces at gates must be smooth, level and slip-resistant and gates should open to a 32-inch width, minimum. Provide a kickplate or 10-inch smooth surface at the bottom of each gate on the push side.

Access to Programs



Photo 4

Issues:

Play area - Due to the lack of smooth and level surfaces within the play area, there are no accessible routes to and between the play components. (Photo 4)

Due to the border surrounding the play area, there is no accessible entry into this area. (Photo 5)



Photo 5

Court - The court itself is an accessible area. However, there are no connecting accessible routes within facility between the fields and the court area; and, there is currently no accessible route into the court area from the Richards St. entrance. (Photo 6)

Recommendations:

Play area - Install an accessible sloped walkway entry path into the play area and connect it to an installed or resurfaced accessible route to and between all entry and exit points of play components. The sloped walkway should have cross slopes not exceeding 2.08%, edge protection, and run slopes not exceeding 5%. There should be a level bottom landing and seamless integration with walkways at top.



Photo 6

ADA 2010 Standards apply to play areas for children 2 years and older. When facility is renovated, consider resurfacing the play area with unitary ground surface materials instead of loose fill materials in order to maintain at least the minimal requirements for surface area attenuation within play use zones and the accessibility standards for accessible slopes and surfaces at, and between, play components. Unified ground surfaces will generally maintain both attenuation and accessible conditions without need for frequent maintenance for many years.

Court - Install a connecting accessible route between the fields and the court area that is at least 36 inches wide, and provides a smooth, level and slip-resistant ground surface.



Approach & Entrance

Sidewalk



Element Sidewalk **type** **Record #** 037

Issues

Comment limited path from ad hoc parking area, end of street. No access from field gate pictured

Off-street Parking Space



Element Off-street Parking **type** **Record #** 038

- Issues** Access aisle not provided or not compliant -
- Ground surface too steep [%] -
- Needs maintenance -
- Not connected to accessible route -
- Sign not provided or not compliant -

Comment Pleadwell: designated HP spot with no accessible features, and sign damaged, unreadable

Point of Entry



Element Point of Entry **type** **Record #** 039

- Issues** E. Uneven, unstable or slippery

Comment cross slope of walkway entry to playground / court area- recommend curb ramp and resurface btn field and gate



Element Point of Entry **type** **Record #** 036

Issues E. Uneven, unstable or slippery
F. Not connected to accessible route

Comment 4.5% cross slopes and over 1/2 inch level change and not smooth



Element Point of Entry **type** **Record #** 031

Issues E. Uneven, unstable or slippery
F. Not connected to accessible route
H. Needs maintenance

Comment Richards St. entrance to playground / court area has excessive level changes

Play Areas

Playgrounds



Element Playgrounds **type** **Record #** 034

Issues

Comment Loose wood chip still holding OK slopes. Play area border obstructs circulation between benches and court area



Element Playgrounds **type** **Record #** 033

Issues A. Not connected by accessible route

Comment No connection between this section of park and the field

Sport Areas

Court



Element Court **type** **Record #** 035

Issues A. Not connected by accessible route

Comment No connection btn field and court

Tables & Seating

Benches



Element Benches **type** **Record #** 032

Issues A. Not connected by accessible route

Comment Bench platform includes adjacent clear space

Polling Locations

Polling Locations



This report reviews the accessibility conditions at sixteen polling locations:

- 1A Liberty Christian Center
- 1B Westville Congregational Parish HS

- 2A Fitzsimmons Arms Cm Hall
- 2N Temporary City Hall

- 3A + 3B New Elizabeth Pole School

- 4A Joseph Martin School
- 4B East Taunton Elem. School

- 5A Hopewell School
- 5B Joseph Chamberlain School

- 6A Craig G. Sherman Ctr - DPW
- 6B Leddy School

- 7A Mulcahey School
- 7B Bennett School

- 8A Benjamin Friedman School
- 8B North Taunton Baptist Church

Overview

The Americans With Disabilities Act (ADA) protects qualified individuals with disabilities from discrimination on the basis of disability in the services, programs and activities of all state and local governments, including voting in Federal, state and local elections.

The Voting Accessibility for the Elderly and Handicapped Act includes a requirement for states to make available voting aids for elderly and disabled voters, including instructions printed in large type at each polling place, and information by TTY / TDD devices for people who are Deaf or hearing impaired.

The Help American Vote Act (HAVA), Section 301(a), states that the voting system must be accessible for people with disabilities, including nonvisual accessibility for the blind and visually impaired, in a manner that provides the same opportunity for access and participation, including privacy and independence, as is provided for other voters.

As part of the ADA Self-Assessment, Taunton's 16 polling locations were evaluated for features that might facilitate or impede access for voters with disabilities during two Election Day events. Polling site accessibility was examined to see if minimal requirements were met for the following facility areas: parking, exterior route to the entrance, entrance, interior route to the voting area, and voting area.

Level of access to privacy and independence was assessed based on logical criteria such as whether AutoMARK machine is set up, powered on and working; whether headphones are plugged in or on the table; whether tables are accessible for people using wheelchairs; and whether people with disabilities face additional barriers that are not encountered by nondisabled people.

In general, most polling locations did not meet accessibility requirements for exterior accessible routes. The AutoMARK machines did not have privacy hoods installed and were not set up to maximize integration and independence. No polling locations provided instructions printed in large type.

Precinct 1A. Liberty Christian Center



Photo 1



Photo 2



Photo 3

Issues:

Parking area - Designated accessible parking spaces lacked access aisles and a consistently level route to door.

Route from parking area and sidewalks to building entrance - Sidewalks and walkway surfaces were not stable, firm, and slip resistant. Route from designated accessible spaces to voting area entrance includes overlap with motorist route to parking area.

Entrance to the building - Entrance door threshold is too high to be accessible and is difficult for voters in wheelchairs or voters who use walkers or canes to manage. Entryway is not smooth, level and slip-resistant. Weather mats inside facility should be secured to prevent tripping.

Level of access to privacy and independence is impeded because AutoMARK privacy hood not attached.

Recommendations:

Parking area

Provide designated accessible parking spaces at a level area that is closest to entrance. The route between parking and the voting area entrance should not overlap with motorist's routes into and out of the parking area.

Route from parking area and sidewalks to building entrance

Maintain sidewalks around perimeter of site to have level, smooth and slip-resistant surfaces.

Entrance to the building

Repair entrance threshold to provide the air seal, level the gap and stabilize the threshold. Replace threshold strip with one that is no higher than 1/2inch beveled on both sides.

Level of access to privacy and independence Attach AutoMARK privacy hood as a standard practice prior to opening for polling.

Precinct 1B. Westville Congregational Parish HS



Photo 1



Photo 2



Photo 3

Issues:

Parking area - Parking area is not accessible because cross slopes in the access aisle are excessive; and an obstacle placed within the access aisle impedes passengers from use of the full feature needed to transfer from car to wheelchair. Signs are mounted too low.

Route from parking area and sidewalks to building entrance -

Route from parking area to voting area entrance has excessive cross slopes. Sidewalks from nearby streets are not accessible because there are level changes over 1/4 inch unbeveled, and corner curb ramp run slope is excessive. Sidewalk conditions were compromised by ongoing street construction along U.S. 44.

Entrance to the building - The ramp bottom landing has an excessive level change over 1/2 inch and there is an unsecured mat which can cause tripping hazards.

Level of access to privacy and independence is impeded because AutoMARK privacy hood not attached.

Recommendations:

Parking area - Temporary parking must be located on the most level area available and as close to the accessible entrance as possible. Mount signs so the bottom edge is at least 60 inches above the ground.

Route from parking area and sidewalks to building entrance
If construction is ongoing during polling event, ensure that sidewalk barriers lead pedestrians to an accessible route to the accessible entrance.

Entrance to the building Repair the bottom of the ramp to meet the walkway with level changes not exceeding 1/2 inch, beveled. Relocate the walk-off mat adjacent to the threshold and secure it.

Level of access to privacy and independence Attach AutoMARK privacy hood as a standard practice prior to opening for polling.

Precinct 2A. Fitzsimmons Arms Community Hall (Council on Aging)



Photo 1

Issues:

Entrance to the building - Entrance door threshold is high and door is too heavy to be opened and maneuvered through with ease. Chairs in the entry foyer restrict needed maneuvering space. Weather mats inside facility should be secured to prevent tripping. (Photo 1)

Level of access to privacy and independence - This is impeded because route to AutoMARK table is behind staff area, which causes people with disabilities to have to ask for assistance. Chair provided is not sturdy and the seat is too low for people with visual disabilities to approach and use with ease. Wires and clutter around machine present tripping hazards and compromise ease of access. Privacy hood not attached. Paper tray not in ready (out) position. These are additional barriers that nondisabled voters do not have to contend with. (Photo 2)



Photo 2

Recommendations:

Entrance to the building

Adjust door closer pressure. Replace threshold strip with a lower threshold strip.

Level of access to privacy and independence

Provide accessible voting features in as integrated a manner as possible and not overlapping with staff areas. Ensure that circulation route to accessible features includes at least a 36 inch clear width that does not involve pole-mounted barriers, wires underfoot, or clutter around accessible features. Provide a chair that is sturdy and not so lightweight that it would pose a safety barrier to blind people. Attach AutoMARK privacy hood as a standard practice prior to opening for polling.

Precinct 2B. Temporary City Hall



Photo 1



Photo 2

Issues:

Level of access to privacy and independence – This is impeded

The path to the AutoMARK machine from the registration area is not configured for independence and safety for people who are blind because the line of aluminum legs under the light weight voting tables poses barriers for individuals using canes to sweep side to side to establish a clear route as they approach the table. (Photo 1)

Headphones were on the table but were not plugged in. Chair provided is not sturdy and the seat is too low for people with visual disabilities to approach and use with ease. Privacy hood was not attached. (Photo 2)

Recommendations:

Level of access to privacy and independence

Provide accessible voting features in as integrated a manner as possible.

Ensure that circulation route to accessible features includes at least a 36-inch clear width that does not involve pole-mounted barriers.

Provide a chair that is sturdy and not so lightweight that it would pose a safety barrier to blind people.

Attach AutoMARK privacy hood and headphones as a standard practice prior to opening for polling.

Precinct 3A & 3B. Elizabeth Pole Elementary School



Photo 1



Photo 2



Photo 3

Issues:

Entrance to the building –The wall-mounted intercom system is mounted too high for wheelchair users to reach. (Photo 1)

Level of access to privacy and independence - The AutoMARK table is completely outside of the general area of circulation for one precinct area and causes people who are blind to have to find their way around the aluminum-post tables, which are light-weight and not secure. This results in people who are blind having to ask for assistance. (Photo 2)

The route to the other precinct's table is also completely out of the general area of circulation and there is a door in back which further impedes privacy. The wires around the table and the lack of provision of a chair at this accessible feature pose additional barriers to independence and privacy for people with disabilities who will need to ask for assistance in order to sit at this machine. (Photo 3)

Recommendations:

Entrance to the building

Provide an intercom that has both visible and audible signals and mount system and controls no higher than 48 inches above ground.

Level of access to privacy and independence

Provide accessible voting features in as integrated a manner as possible. Ensure that circulation route to accessible features includes at least a 36 inch clear width that does not involve pole-mounted barriers.

Provide a chair that is sturdy and not so lightweight that it would pose a safety barrier to blind people.

Attach AutoMARK privacy hood as a standard practice prior to opening for polling.

Precinct 4A. Joseph Martin School



Photo 1



Photo 2



Photo 3

Issues:

Route from parking area and sidewalks to building entrance -

Walkway surfaces are not continuously accessible from parking to the entrance due to excessive cross slopes within the pedestrian path. (Photo 1)

Level of access to privacy and independence – Access is impeded because the route to AutoMARK table does not include sufficient maneuvering clearance to turn when approaching screen. This causes people with disabilities to have to ask for assistance. Chair provided is not sturdy and the seat is too low for people with visual disabilities to approach and use with ease. (Photo 3)

Recommendations:

Route from parking area and sidewalks to building entrance

Repair walkway routes so that the cross slopes do not exceed 2.08% and the run slopes do not exceed 5% and maintain ground surfaces to be continuously smooth and slip-resistant.

Level of access to privacy and independence

Provide accessible voting features in as integrated a manner as possible. Ensure that circulation route to accessible features includes at least a 36-inch clear width that does not involve pole-mounted barriers.

Provide a chair that is sturdy and not so lightweight that it would pose a safety barrier to blind people.

Attach AutoMARK privacy hood as a standard practice prior to opening for polling.

Precinct 4B. East Taunton Elementary School



Photo 1



Photo 2

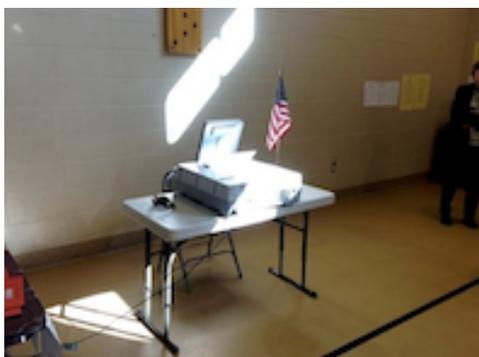


Photo 3

Issues:

Parking area - Accessible parking is marked appropriately but the surface is not level and collects water. (Photo 1)

Level of Privacy and Independence Provided at Accessible Voting Features – Here the table height is not adjusted high enough to allow for knee clearance for seated voters. (Photo 2)

Independent access to AutoMARK table and machine is impeded because the table is not within the general circulation route. (Photo 3)

Recommendations:

Parking

Regrade or relocate accessible parking spaces to be on a level area and as close to the accessible entrance as possible.

Level of Privacy and Independence Provided at Accessible Voting Features

When setting up portable voting tables, adjust height so that there is at least 27 inches from floor to underneath table.

Provide accessible voting features in as integrated a manner as possible. Ensure that circulation route to accessible features includes at least a 36 inch clear width that does not involve pole-mounted barriers.

Provide a chair that is sturdy and not so lightweight that it would pose a safety barrier to blind people.

Attach AutoMARK privacy hood as a standard practice prior to opening for polling.

Precinct 5A. Hopewell School



Photo 1



Photo 2

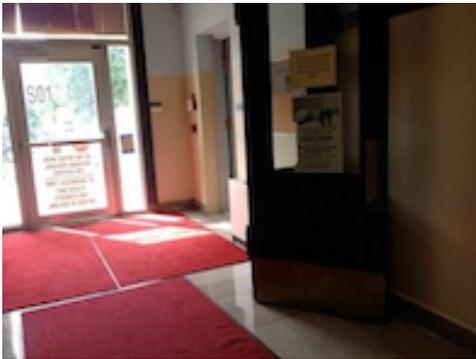


Photo 3

Issues:

Route from parking area and sidewalks to building entrance -

Route from parking to entrance has excessive cross slopes between the designated parking spaces east of the entrance and the ramp.

The ramp lacks edge protection and has excessive cross slopes at bottom. (Photo 1)

Sidewalk surfaces have excessive level changes at the cut-through path to the entrance from the west parking area. The directional voting folding sign in the middle of the sidewalk obstructs a clear pedestrian width of at least 3 feet. (Photo 2)

Entrance to the building - The entrance door is very heavy and the threshold at entrance is higher than 1/2 inch beveled. The intercom at entrance does not include both visual and audible signals. Unsecured mats in the foyer can cause tripping hazards. (Photo 3)

Recommendations:

Route from parking area and sidewalks to building entrance

Repair route from accessible parking spaces to have cross slopes not exceeding 2.08%.

Provide edge protection on ramp and repair to ease the cross-slope at the bottom.

Entrance to the building

Adjust door closer pressure. All floor mats should be removed or firmly affixed to the floor to provide a stable and slip-resistant floor.

Attach AutoMARK privacy hood as a standard practice prior to opening for polling.

Precinct 5B. Joseph Chamberlain School



Photo 1

Issues:

Route from parking area and sidewalks to building entrance -

Walkway from parking to voting entrance includes a walkway with deteriorated surfaces and level changes. (Photo 1)

Recommendations:

Route from parking area and sidewalks to building entrance

Repair deteriorated walkway so that it is smooth, level and slip-resistant with walkway slopes not exceeding 5% and cross slopes not exceeding 2.08%. Repair ramp so that it includes a level top landing and so that the bottom transition to street does not exceed 1/2 inch, bevelled.

Precinct 6A. Craig C. Sherman Center- DPW



Photo 1

Issues:

Route from parking area and sidewalks to building entrance

Sidewalk surfaces are not level, smooth, slip-resistant and continuously at least 36 inches wide. (Photo 1)

Recommendations:

Include information for voters specifying that this facility has a large parking lot that includes 4 accessible parking spaces.

Update voters on sidewalk access from the nearby bus routes to this polling place in descriptions of this location.

Precinct 6B. Leddy School



Photo 1



Photo 2

Issues:

Route from parking area and sidewalks to building entrance -

Sidewalks are not accessible because they do not include accessible curb ramps or a level, smooth and slip-resistant ground surface. (Photo 1)

Although no facility parking is provided, voters park across the street from the entrance, at the Funeral Home parking lot. The route from this lot to the entrance includes a crosswalk with excessive level changes at the curb ramps, and excessive cross slopes within the walkways. (Photo 2)

Recommendations:

Ensure that the sidewalk alterations around the perimeter of the Leddy School are completed and provide a compliant accessible route to the accessible entrance from nearby streets and sidewalks.

Precinct 7A. Mulcahey School



Photo 1

Issues:

Entrance to the building - The designated entrance door does not provide a minimum width of 32 inches. In addition, the entry walkway includes a run slope of 6.8% and is in disrepair, with abrupt level changes where the surface has deteriorated. (Photo 1)

Recommendations:

Entrance to the building

The designated entrance door is not wide enough as a single door but if both doors are propped open, the required width can be provided.

Resurface the exterior entry way so that run slopes do not exceed 5% and cross slopes do not exceed 2.08%.

Precinct 7B. Bennett School



Photo 1



Photo 2

Issues:

Route from parking area and sidewalks to building entrance -

Walkway surfaces are not continuously accessible from parking to the entrance due to excessive cross slopes within the pedestrian path.

Level of Privacy and Independence Provided at Accessible

Voting Features is compromised at lower table because the table is not adjusted high enough to allow for knee clearance for seated voters. (Photo 1)

Level of access to privacy and independence is compromised because AutoMARK table is entirely separated from the general public's path and voters with disabilities must cross over wires when approaching and leaving the AutoMARK machine from the registration table and to the ballot box. Chair provided is not sturdy and the seat is too low for people with visual disabilities to approach and use with ease. AutoMARK privacy hood is not attached. (Photo 2)

Recommendations

Route from parking area and sidewalks to building entrance

Repair walkway routes so that the cross slopes do not exceed 2.08% and the run slopes do not exceed 5% and maintain ground surfaces to be continuously smooth and slip-resistant.

Level of access to privacy and independence

Provide accessible voting features in as integrated a manner as possible. When setting up ADA Voting tables, ensure that there is at least 27 inches of clear space underneath tables for seated people.

Ensure that circulation route to accessible features does not overlap with waiting line or general public circulation route to the registration table and ballot box.

Ensure that the route to accessible features is free of tripping hazards such as wires.

Provide a chair that is sturdy and not so lightweight that it would pose a safety barrier to blind people.

Attach AutoMARK privacy hood as a standard practice prior to opening for polling.

Precinct 8A. Benjamin Friedman School



Photo 1

Issues:

Route from parking area and sidewalks to building entrance - Walkways from parking to accessible entrance include some excessive cross slopes surfaces and some deteriorated surfaces.

There are no tactile signals to alert users where vehicular traffic intersects with the level cut-through between the parking area and accessible entrance.



Photo 2

Recommendations:

Repair deteriorated walkway sections. Consider providing tactile strips where traffic intersects with pedestrian's paths. When renovations next occur, ensure that facility walkway cross slopes do not exceed 2.08%.

Precinct 8B. North Taunton Baptist Church



Photo 1



Photo 2



Photo

Issues:

Parking area - Access aisle does not adjoin an accessible route to the accessible entrance because the transition between the parking area and the ramp walkway includes a strip of grass and is not smooth and level. Access aisles have excessive cross slopes.

Entrance to the building - The entrance area width from the ramp side is impeded because the folding sign limits an unobstructed width of at least 36 inches. The folding sign and the unsecured walk-off mats at entryway pose tripping hazards. Front stepped entrance does not have directional sign informing visitors where the accessible entrance is located. (Photo 3)

Level of Privacy and Independence Provided at Accessible Voting Features - AutoMARK did not have privacy hood attached.

Recommendations:

Parking area

Connect access aisle to ramp with a smooth, level, firm ground surface where the cross slopes will not exceed 2.08%.

Entrance to the building

Relocate folding directional signage so it does not impede clear walkway widths of 36 inches, minimum.

Secure walk off mats or remove them from the path of travel.

Provide accessible directional signage at front entrance informing visitors where the nearest accessible entrance is located.

Level of access to privacy and independence Provide accessible voting features in as integrated a manner as possible.

Provide a chair that is sturdy and not so lightweight that it would pose a safety barrier to blind people.

Attach AutoMARK privacy hood as a standard practice prior to opening for polling.

Requirements for Accessibility Features Evaluated as part of Polling Location Survey

Parking area - Where parking is provided, accessible parking spaces must be in a level area with no steep slopes, compliant widths and signage, and located on the shortest accessible route from parking to the accessible entrance to the polling place. If only one accessible space is provided, it must be a van-accessible space, with compliant widths and signage.

Route from parking area and sidewalks to building entrance - Sidewalk or walkway surfaces must be at least 36 inches wide, with no level change greater than ½ inch, and the surface must be stable, firm, and slip resistant. Curb ramps should be no steeper than 1:12.

Entrance to the building - The entrance area must be level and should not slope steeply in any one direction. All door openings must provide a minimum width of 32 inches and there must also be enough room for a person using a wheelchair to maneuver to open the door, including 18 inches of clear space beyond the latch side of the door. Additionally, the door hardware must not require tight grasping, pinching, or twisting, and the height

of the door threshold must not be greater than ½ inch.

Accessibility of Voting Area - There must be a minimum 36-inch wide route to, in and through the voting area. Wall-mounted objects located between 27 inches and 80 inches above the floor may not protrude from the wall more than 4 inches. There also must be enough clear floor space in at least one voting station or booth to allow a voter using a wheelchair or other mobility device to approach, maneuver, and leave the voting station. Floor surfaces must be stable, firm, and slip resistant.

Level of Privacy and Independence Provided at Accessible Voting Features - Accessible voting machines and tables should be integrated to the maximum extent possible. Tables should meet ADA requirements for work surfaces. Machines should be ready for use and positioned in a manner that will allow an elderly voter or a voter with a disability to cast a ballot both privately and independently.

RESOURCES

[ADA Checklist for Polling Places](#) (Department of Justice) www.ada.gov

[ADA Best Practices Tool Kit for State & Local Governments](#) (Department of Justice) www.ada.gov

[The Americans with Disabilities Act & Other Federal Laws Protecting the Rights of Voters with Disabilities](#)
http://www.ada.gov/ada_voting/ada_voting_ta.htm



Liberty Christian Center

Precinct Number 1A

Approach & Entrance

Entrance Door



Element Entrance Door

Record # 6-134

Issues

Comment --Interior wooden sill does not adjoin (unsecured) interior mat, creating tripping hazard. surface not level smooth slip-resistant



Element Entrance Door

Record # 6-132

Issues Doorway at-grade but transition > 1/2"

Comment Exterior surface conditions at designated side entrance not smooth and level.

Door pressure not evaluated (door propped open during event).



Element Entrance Door

Record # 6-133

Issues Doorway at-grade but transition > 1/2"

Comment High exterior aluminum door sill preceded by non-level surface depression extending almost entire width of doorway and >5 inches in depth.

Surface not level, stable, firm slip-resistant



Parking



Element Parking

Record # 6-130

Issues # designated accessible ____
no access aisle (if not parallel space)
no van-accessible space (if parking lot provided)
spaces +/- or aisles not level > 2.08%

3

Comment Middle space is the designated Van-accessible. Spaces not marked to discourage parking.
No access aisles provided with Sign <60
cross slopes excessive



Element Parking

Record # 6-131

Issues spaces +/- or aisles not level > 2.08%

Comment parking not on shortest route, route conflicts with motorists

Cross slopes exceed 2% etween parking and Voting area Entrance.

Sidewalks + Walkways



Element Sidewalks + Walkways

Record # 6-129

Issues no accessible route provided from sidewalks to entrance

Comment Sidewalks and walkways not level smooth and slip-resistant.



Westville Congregational Parish

Precinct Number 1B

Approach & Entrance

Entrance Door



Element Entrance Door

Record # 6-135

Issues

Comment --There is no accessible pedestrian connection from sidewalk to voting facility (in rear of parking lot) b/c it includes passage within active driveways with non-level surfaces.

Parking



Element Parking

Record # 6-179

Issues # designated accessible ____ 3
access aisle does not connect to accessible route
van-accessible space + aisle= inadequate dimensions

Comment access aisle has obstruction within it. Cross slopes excessive

Sidewalks + Walkways



Element Sidewalks + Walkways

Record # 6-137

Issues

Comment --Cross slopes exceed 2.08% in accessible parking area (Photo: 4%).
--Obstacle placed in shared access aisle can impede driver and passenger access.
--Parking area not uniformly level.



Element Sidewalks + Walkways

Record # 6-138

Issues

Comment --unsecured mat decreases stable, level ramp surface.
--Foot of ramp is unbeveled, with changes in level >1/4" in places.
--parking lot route from accessible parking to ramp not uniformly smooth



Element Sidewalks + Walkways

Record # 6-136

Issues no accessible route provided from sidewalks to entrance
Sidewalks poorly maintained and unusable

Comment --Sidewalk construction incomplete at time of 10.9% measurement.
(Photo: North side, Winthrop St. sidewalk (a.k.a. U.S.-44))



Element Sidewalks + Walkways

Record # 6-180

Issues no accessible route provided from sidewalks to entrance
Sidewalks poorly maintained and unusable

Comment New asphalt paving has excessive level changes at transitions between surface materials.



Fitzsimmons Arms Community

Precinct Number 2A

Approach & Entrance

Entrance Door



Element Entrance Door

Record # 6-140

Issues Doorway at-grade but transition > 1/2"
Door too heavy

Comment Chairs in entry foyer prevent 60 inch square maneuvering/turning clearance at door. Door very heavy, requires 2 arms for more frail people to open. Threshold excessive.

Sidewalks + Walkways



Element Sidewalks + Walkways

Record # 6-139

Issues

Comment --Surface of walkway not uniformly level (imbedded brick embellishment and pavement disrepair).
--Door too heavy to be opened safely by people with balance + mobility impairments.

Voting Area

Voting Area



Element Voting Area

Record # 6-141

Issues Accessible voting table separated from general area / route
AutoMARK Privacy Hood not attached
Paper tray not in ready (out) position

Comment --Accessible voting machine separate from general public.
Chair for visually impaired users not secure or safe. Wires are tripping hazards. Maneuvering clear space not provided.



Temporary City Hall

Precinct Number 2B

Approach & Entrance

Sidewalks + Walkways



Element Sidewalks + Walkways

Record # 6-142

Issues

Comment --Walkway from accessible parking to entrance has slightly excessive cross slopes (2.3%).

--Walkway from curb ramp at front entrance path (North sidewalk, Oak St., near designated parallel parking space) has excessive cross



Element Sidewalks + Walkways

Record # 6-143

Issues

Comment --best practice issues: Handwritten Signage not highly contrasted.

--pole-mounted signage is tripping hazard for visually impaired voters.



Element Sidewalks + Walkways

Record # 6-144

Issues

Comment Best practice issues:

--Where accessible voting machine table is located in a turning circulation area, provide unobstructed route with at least 48" clear width to table.



Element Sidewalks + Walkways

Record # 6-145

Issues

Comment ? Door hardware may not allow for closed fist operation



Element Sidewalks + Walkways

Record # 6-146

Issues

Comment Route for Accessible Voting Machine use is narrow compared with route to other voting booth use; and may be obstructed, insecure or in conflict with moving voters using other voting booths, including the low voting table.

Voting Area

Voting Area



Element Voting Area

Record # 6-182

Issues Headphones not attached / provided
AutoMARK Privacy Hood not attached
Accessible voting table separated from general area / route

Comment Headphones not attached, wire wrapped up with headphones on left side of machine.



E. Pole Elem. School - 3A and B

Precinct Number 3A and 3B

Voting Area

Election Systems and Software (ES&S)



Element Election Systems and Software (ES&S)

Record #

Issues Accessible table not along accessible route
AutoMARK not along accessible route

Comment wires are tripping hazards. Chair not secure

Voting Area



Element Voting Area

Record # 6-112

Issues Accessible voting table separated from general area / route
AutoMARK Privacy Hood not attached
Chair provided at AutoMARK table, but not secure (for example, light folding chairs are not secure b/c they move easily on contact)

Comment AutoMARK machine far from general public's path.



Element Voting Area

Record # 6-115

Issues Accessible voting table separated from general area / route
AutoMARK Privacy Hood not attached
Chair not provided at AutoMARK table

Comment should be integrated to the maximum extent. Clear maneuvering room possible for integration at this location. If wires the problem, line the tables up near the wall with sockets.



Joseph Martin School

Precinct Number 4A

Approach & Entrance

Parking



Element Parking

Record # 6-119

Issues spaces +/- or aisles not level > 2.08%

Comment Other parking spaces closer to entrance. but still have excessive slopes



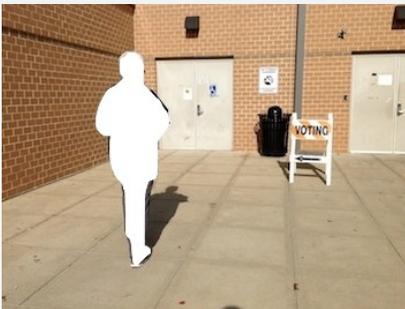
Element Parking

Record # 6-116

Issues spaces +/- or aisles not level > 2.08%
spaces not on shortest route to entrance

Comment parking not on shortest route to entrance, cross slopes excessive.

Sidewalks + Walkways



Element Sidewalks + Walkways

Record # 6-114

Issues Sidewalks poorly maintained and unusable

Comment Cross slopes excessive to entrance

Interior Circulation Access



interior route



Element interior route

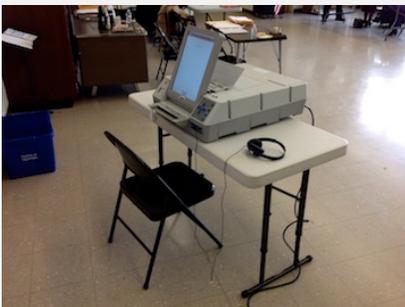
Record # 6-117

Issues Protruding objects along circulation route < 27" > 80"

Comment door handle protrudes

Voting Area

Voting Area



Element Voting Area

Record # 6-123

Issues Accessible voting table separated from general area / route
AutoMARK Privacy Hood not attached
Chair provided at AutoMARK table, but not secure (for example, light folding chairs are not secure b/c they move easily on contact)

Comment integration not maximized.



Element Voting Area

Record # 6-118

Issues AutoMARK Privacy Hood not attached
Chair provided at AutoMARK table, but not secure (for example, light folding chairs are not secure b/c they move easily on contact)

Comment Maneuvering clearance limited.



East Taunton Elem. School

Precinct Number **4B**

Approach & Entrance

Parking



Element Parking

Record # 6-121

Issues spaces +/- or aisles not level > 2.08%
access aisle does not connect to accessible route

Comment Parking pooling

Sidewalks + Walkways



Element Sidewalks + Walkways

Record # 6-120

Issues no accessible route provided from parking to entrance

Comment pooling observed, no walkway to entrance

Voting Area

Election Systems and Software (ES&S)



Element Election Systems and Software (ES&S)

Record # 6-122

Issues

Comment Int Rte Width Wir Priv Protrud Seg



Element Election Systems and Software (ES&S)

Record # 6-125

Issues

Comment route



Element Election Systems and Software (ES&S)

Record # 6-124

Issues Accessible voting station Knee clearance < 27"

Comment table height insufficient for seated voters, maneuvering clearance tight.



Hopewell Elementary School

Precinct Number 5A

Approach & Entrance

Parking - Curb ramp



Element Parking - Curb ramp

Record # 6-148

Issues curb ramp landings > 2.08%
ramp cross slopes > 2.08%
ramp slope exceeds 8.3% ____%

Comment Cross slope 1 foot in front of entrance ramp exceeds 1:48. (3.2% measured)
The 2 Accessible parking spaces are on E side of facility, separate from general parking area. There is not sufficient access aisle

Sidewalks + Walkways



Element Sidewalks + Walkways

Record # 6-147

Issues

Comment



Element Sidewalks + Walkways

Record # 6-149

Issues

Comment --1.5 inch width gap between foot of ramp and paved lot
--Ramp lacks edge protection.
--Run slope at top of ramp exceeds 8.3% (1:12)
--Cross slope at bottom of ramp exceeds 2% (1:50)



Element Sidewalks + Walkways

Record # 6-150

Issues

Comment --Entrance intercom lacks visual signal
--Threshold strip is beveled, but 2 inches high.
--Mats not secured



Element Sidewalks + Walkways

Record # 6-151

Issues

Comment ground surface transition between north sidewalk (adjacent to driveway) and built-up entry pathway to door (near temporary voting sign) is edged with non-level materials (stone edging).

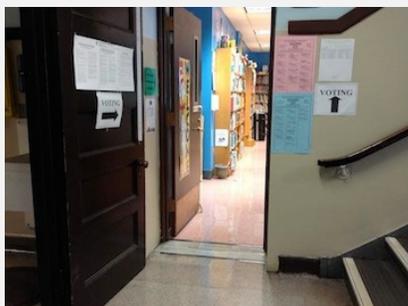


Element Sidewalks + Walkways

Record # 6-152

Issues

Comment --1 inch lip at gutter of south sidewalk curb ramp
-- north sidewalk route from parking lots on W side of facility (14+ spaces) to entry walkway is obstructed by signage placement.



Element Sidewalks + Walkways

Record # 6-153

Issues

Comment Municipal issue: Although door open and Large print signs provided for temporary voting event, facility should have Braille signage on latch side of this permanent Library door



Element Sidewalks + Walkways

Record # 6-154

Issues

Comment This corridor towards cafeteria entry will be used in November elections. Note tables and chairs along one side of corridor may be cleared to increase navigational ease.



Element Sidewalks + Walkways

Record # 6-155

Issues

Comment Eliminate all tripping hazards, unnecessary obstacles, and protruding objects (such as table tops with empty space beneath that protrude 4" or more) within circulation path (36" min) to registration and voting machines.



Joseph Chamberlain

Precinct Number **5B**

Approach & Entrance

Sidewalks + Walkways



Element Sidewalks + Walkways

Record # 6-181

Issues Sidewalks poorly maintained and unusable
no accessible route provided from sidewalks to entrance
no accessible route provided from parking to entrance

Comment Route from parking and facility walkways poorly maintained. Curb ramp has level changes and excessive cross slopes, path has level changes and excessive cross slopes



Craig C. Sherman Cntr (DPW)

Precinct Number **6A**

Approach & Entrance

Sidewalks + Walkways



Element Sidewalks + Walkways

Record # 6-156

Issues no accessible route provided from sidewalks to entrance
Sidewalks poorly maintained and unusable

Comment clear width < 36" . Protruding wires
surface not stable, firm slip-resistant
Pedestrian (sidewalk) routes adjacent to facility are inaccessible, in disrepair.



Leddy School

Precinct Number 6B

Approach & Entrance

Sidewalks + Walkways



Element Sidewalks + Walkways

Record # 6-158

Issues no accessible route provided from parking to entrance
no accessible route provided from sidewalks to entrance

Comment Photo: 5.5% running slope along sidewalk adjacent to entrance.



Element Sidewalks + Walkways

Record # 6-157

Issues no accessible route provided from sidewalks to entrance
Sidewalks poorly maintained and unusable

Comment --no designated parking provided (Gated school parking lots were closed to the public. Across from entrance, a funeral services parking lot was observed being used by voters.) --Sidewalk access adjacent to school entrance (SE side of 2nd St.) not uniformly smooth and



Mulcahey School

Precinct Number 7A

Approach & Entrance

Sidewalks + Walkways



Element Sidewalks + Walkways

Record # 6-159

Issues

Comment --Adjacent Sidewalks have excessive cross slopes - 5.2% (Photo: 5.2%, SE Clifford St.) Roundabout walkway to front entrance from sidewalk has excessive cross slopes, 2.4 - to 3.3% (IMG 2921)



Element Sidewalks + Walkways

Record # 6-160

Issues

Comment Public parking area during event has 1 designated accessible space; other front facility parking area not evaluated. (IMG 2905) The access aisle is acceptable; however, it does not connect to a level entryway.



Element Sidewalks + Walkways

Record # 6-161

Issues

Comment Door used for Voting is noncompliant. Single door to right of sign has compliant width.
Photo: 6.8% run slope at exterior entryway.
Door pressure not evaluated b/c door propped open for event.



Bennett School

Precinct Number 7B

Voting Area

Election Systems and Software (ES&S)



Element Election Systems and Software (ES&S)

Record # 6-126

Issues

Comment door hardware, maneuvering



Element Election Systems and Software (ES&S)

Record # 6-127

Issues

Comment



Element Election Systems and Software (ES&S)

Record # 6-128

Issues

Comment



Benjamin Friedman School

Precinct Number **8A**

Approach & Entrance

Parking



Element Parking

Record # 6-171

Issues # designated accessible ____ >60
of spaces ____ (total) 7
access aisle does not connect to accessible route

Comment Cross slopes within access aisles, walkways and crosswalks excessive (Photo: 3.5%)

Sidewalks + Walkways



Element Sidewalks + Walkways

Record # 6-172

Issues no accessible route provided from parking to entrance

Comment cross slopes 3.3%

Two entrances were open during event. Both entry walkways showed cross slopes of 3.3%.



North Taunton Baptist Church

Precinct Number 8B

Approach & Entrance

Entrance Door



Element Entrance Door

Record # 6-164

Issues

Comment Mats not secured



Element Entrance Door

Record # 6-175

Issues

Comment Access route to ramp includes unpaved strip between paved lot and ramp entry point.
Cross slopes excessive (this photo shows 4.4% slope)



Element Entrance Door

Record # 6-176

Issues

Comment Walkway at entrance includes unsecured mats.



Element Entrance Door

Record # 6-178

Issues No sign at inaccessible door to accessible entrance

Comment Front inaccessible entrance has no directional signage.

Parking



Element Parking

Record # 6-177

Issues spaces +/- or aisles not level > 2.08%

3.4%

Comment Pedestrian route at parking lot stairs includes excessive cross slopes (photo shows 3.4% slope).

Sidewalks + Walkways



Element Sidewalks + Walkways

Record # 6-174

Issues

Comment Sign location prevents adequate maneuvering / turning room at top of ramp to Voting Area. Sign is not cane-detectable at the open side and is an obstruction for voters with visual impairments when exiting area.



Element Sidewalks + Walkways

Record # 6-163

Issues Sidewalks poorly maintained and unusable
no accessible route provided from sidewalks to entrance

Comment Curbed sidewalk from road to facility entrance not provided (West side of Bay Street)

3. Taunton High School Wayfinding Report

City of Taunton ADA Transition Plan

Taunton High School Wayfinding Report

Prepared: March 23, 2015



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Boston, MA 02114
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1. Introduction

Methodology

Wayfinding means knowing where you are, knowing your destination, knowing and following the best routes, recognizing your destination and finding your way back or out.

An independent navigational walkthrough of the interior and exterior of Taunton High School was made. The only guidance provided were two very diagrammatic maps of Taunton High School. Pertinent elements and issues were documented using notes and photographs. Interviews with the Principal and Security personnel and observations of occupants using the space added further insight and information after the walkthrough.

In addition to IHCD's professional experience, the following is a list of federal standards and graphic design organizations with best practices and standards that have been used as resources to assess the accessibility requirements and user friendliness recommendations of the building's wayfinding.

ADA 1991 standards – Americans with Disabilities Act Standards for Accessible Design

The building renovation was completed in 2007 before the 2010 Standards for Accessible Design were in place so the ADA 1991 Standards and the MAAB Regulations (Massachusetts Architectural Access Board) were used to assess signage compliance issues.

World Wide Web Accessibility Initiative (W3C/WAI) Web Content Accessibility Guidelines (WCAG 2.0 AA)

The US Department of Justice recommends that all state and local government entities (ADA Title II) and places of public accommodation (ADA Title III) meet these standards at the AA level.

Accessible Print Design – Lighthouse International

<http://www.lighthouse.org/accessibility/design/accessible-print-design>

Professional Organizations Best Practices:

SEGD - Society for Environmental Graphic Design

<http://www.segd.org>

AIGA- American Institute of Graphics Arts

<http://www.aiga.org>

GAG - Graphic Artists Guild

<https://www.graphicartistsguild.org>

Center for Applied Special Technology (CAST)

www.cast.org

National Park Services (NPS)

<https://www.nps.gov>

<http://www.nps.gov/hfc/acquisition/pdf/graphicdesign2010/shared/attachments/attachmentA.pdf>

2. Approach



Fig.2.1 Approach-no signage or directions to visitor parking



Fig.2.2 Security and Reception Desk

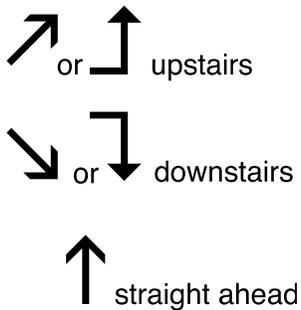


Fig.2.3 Security and Reception Desk

Findings and Recommendations

Overall – The wayfinding in the school had many good features. However, each of the different organizational systems had missing elements and/or were not immediately intuitive and required explanation. With very little expense and effort, the wayfinding at THS could be greatly improved and be very effective for everyone if small enhancements are made.

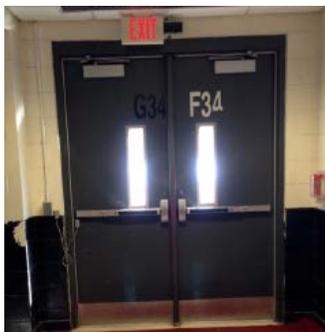
- **Approach** – From parking – there are a number of parking lots. However, there is no visitor parking or accessible parking signage provided so it is difficult to know where to park if you are not told beforehand. Additionally, there is no indication on the website that there is accessible parking or where it is.

Recommendation: Provide directional signage near the entrance for accessible and visitor parking to allow people time to make a decision of where to go. Add this parking information to the website under a heading such as “Accessibility” or in the “Directions.”

- **Reception** – The configuration of the entrance and the reception office is intuitive due to the sequence of spaces and the architectural design. Also, it is easy to get information from a person to know where to go. However, the signage above the reception window is confusing as the arrow only points to the right. It does indicate upstairs which is where the Administration Office is located. It is unclear where the elevators are if you are a person using a wheelchair or one who cannot use the stairs

Recommendation: Provide accurate directional signage to the administration office and elevator. The arrows in Fig 2.3 show graphical conventions for direction. By just adding a line to the bottom of the arrow it becomes clear that the direction is upstairs or down stairs.

3. Organization



A) Emergency exit door numbering



B) Room ID numbering with Braille and Tactile characters



C) Combined stair numbering and space ID alphabetized and numbering signs with Braille and Tactile characters

Findings and Recommendations

Taunton High School (THS) has several different organizational systems in place that can be used by a wide variety of building users such as fire and safety officials, students, teachers and staff.

- **Orientation** - Incoming students are given two official orientations on wayfinding before they start school: one is at the 7th Grade Tiger Pride Night. A guided tour and walk around is provided. The other is the 8th Grade Orientation. The various wayfinding systems are explained and the students are provided with phrases that describe the layout: “imagine the layout of the school as ‘a square surrounded by four squares on each corner’ and that ‘high numbers are towards the gym’.” However, visitors, parents, and new staff are not given this orientation and it makes wayfinding extremely difficult.

The different wayfinding systems that the student, teaching, safety, and security staff use are:

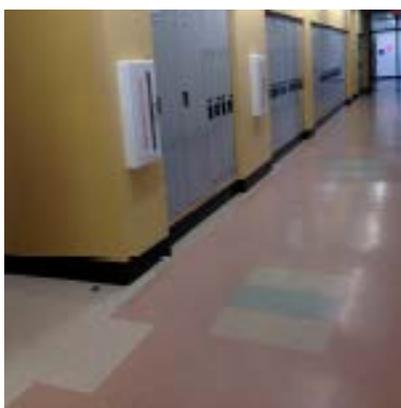
- A) Emergency exit door numbering,
- B) Room ID alphabetized and numbered,
- C) Combined stair numbering and space ID alphabetized and numbering
- D) Alphabetized ‘House’ numbering,
- E) Color coded ‘House’ elements,
- F) Directional hand painted signage,
- G) Informal temporary directional paper signs,
- H) Informational signage with behavioral information for students.



D) Alphabetized House numbering



Ea) Color coded 'House' elements blue flooring and walls and green flooring and walls.



Eb) Inconsistent coded 'House' elements pink flooring and yellow walls

Recommendation: While this type of layering and overlap of information is helpful, some of these systems could be optimized and made more consistent to provide a more predictable, dependable, cohesive and robust system for **everyone** including new staff and visitors.

- **Typefaces** – These vary throughout but generally there is a consistent use of san serif typefaces. San serif typefaces have been found to be more legible both when read by vision and by touch and so are preferable.

Recommendation: Helvetica seems to be the most frequently used typeface. It is a good choice because of its legibility and ubiquitous availability in many media. For future signage and communications Helvetica should be made the THS standard.

- **Colors** - In the past, colors have been used to identify the different houses. Since the renovation in 2007 the identifying system using colors has been partially dropped because of cost and maintenance issues. There are inconsistent vestigial elements of this system on walls and flooring and on maps and because the system isn't complete or actively reinforced so it becomes confusing.

Recommendation: Reinstate the color-coding system using color keys and plans, See Section 4. **Color**.

- **Clutter** – The school is remarkably free of visual clutter making any signage that is installed easy to see.



F) Directional hand painted signs



G) Informal temporary directional paper signs (science department)



H) Informational and behavioral notices

Recommendation: There are some areas such as the Gym and Auditorium where the notices could be combined into one sign.

- **Acoustics** – The school is exceptionally quiet for a high school which is very helpful in maintaining a sense of calm, decreasing anxiety, and negating any feelings of disorientation.

Recommendation: Areas that do get noisy, such as the cafeteria, may benefit from acoustic material applied to the walls.

- **Consistency** – Many of the systems described above are present but are inconsistent.

Recommendation: To increase consistency throughout, there should be a single guide explaining the wayfinding systems in place. It should include guidance and templates for producing legible signage and printed communications and should be the single source for all teachers, students and vendors. The source should be easily accessed from the website. Specifications and changes to guidelines should be maintained and kept current.

4. Signage Placement



Fig.5a Signage that can be seen from corridor

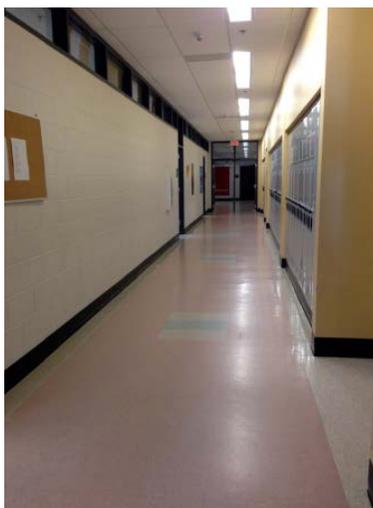


Fig.5b Long corridors with no signage



Fig.5c Long corridors with no signage

Findings and Recommendations

- **Long Corridors** – There are many long corridors. Some have large letter signs at the end of them and some have no letter signs. Additionally, a person must often travel quite far down the corridor past lockers to get within reading distance of a door sign. This adds extra time and effort and may cause anxiety, frustration, and may be difficult for a person who has low stamina or anyone on crutches.

Recommendation: *It would be helpful to have consistent and predictable corridor signage that is perpendicular to the corridor and can be read at-a-glance while looking down the corridor. This can be achieved many ways including but not limited to: blade signage (Fig. 5d) that is mounted above the classroom doors and at a height above 80" above the finished floor (AFF), large letter signs on glass transoms above the corridor doors (ensure that exit signage is not obscured), or an overhead sign (Fig 5e) hung from the ceiling grid (could be hung in a similar fashion to the snowflake art but perpendicular to corridor Fig. 5a). This type of signage does exist down some corridors but is not consistent throughout. Knowing where you are at a glance increases confidence and safety and reduces the anxiety, disorientation and tardiness.*

- **Room Identification Signs - Height and distance away from door** - These signs are all consistently placed at the required height of 60" on center above the finished floor and 18" on center at the latch side of the door. This is compliant in terms of accessibility but also offers the asset



Fig.5d Wall mounted overhead blade sign example

of consistency and predictability. They allow a person who is blind and has been trained to look for signs in this location to orient with a sense of control.



Fig.5e Ceiling hung overhead sign

5. Branding



Findings and Recommendations

- Tiger Icon** - The THS Tiger mascot is strong and used in many ways. There is a joyful sense of pride in the school's achievements everywhere. That is very true in the Principal's office which has Tiger paraphernalia from many different cultures. The school also reinforces the brand well by naming common elements such as the cafeteria Tiger's Den – this provides the benefit of a sense of cohesion, connectivity and community that often eludes high schools. It additionally reinforces the school tagline 'a connected student is a better student'. The branding is also carried further to the website with the use of orange and black and the Tiger logo.

- Use of branded colors** – Sometimes the colors are used in ways that makes reading difficult. For example, the orange background on the website makes the fine black print difficult to read for people with low vision. The black and orange colors of the logo should be used carefully.

Recommendation: *Ensure that the background and lettering have enough contrast to make reading easy. Usually a difference of 70% is recommended between light lettering on a dark background or dark lettering on a light background. Solid backgrounds are much easier for readability. For example the striped white and orange is very difficult to read for many but especially for students with low vision and cognitive issues. Text on multicolored and graduated backgrounds should be avoided wherever possible.*

- **Using the school colors to provide a sense of authority.**

Recommendation - *To simplify wayfinding, it is useful to differentiate between Room Identification and Directional Signage and Informational Signage. This could be easily achieved if all informational signage is printed using a school template with the tiger and orange and black colors. This will also provide the impression of a cohesive authoritative 'voice' to the students. The science department notice in Fig.,7 page 8 is an example of this. These notices could be put in a clear matte sheet saver so that they do not curl or get damaged.*

6. Color

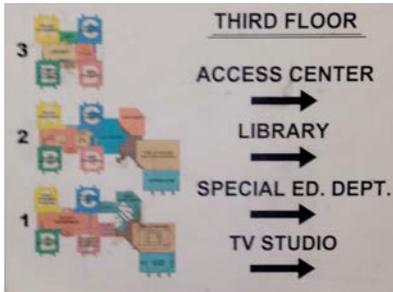


Fig 4a Color Key Plan

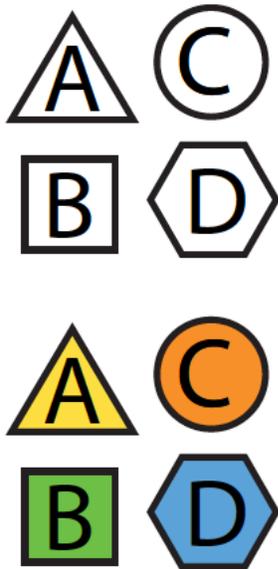


Fig 4b Example of symbols that use redundancy of information. This is useful for different types of learners and as a memory aid. These changes could easily be used to reinforce the current system.

Accessibility Recommendations

- **Color used for wayfinding** – It is evident that colors have been used in the past as a wayfinding device. This works very well especially for people who have cognitive and reading issues. Colors often ‘stick’ in people’s minds better than figures or letters and can be used to create groupings and organization of space. Color allows creating patterns that become familiar. Colors used for wayfinding should be easily described so that people can give clear instruction (e.g. ‘go to the blue wall at the end of the corridor and turn right’). In-between colors are harder to describe and recognize (e.g. the ‘pink’ for the D House could be defined as brick or purple and may be confusing for some).
- **Color key** – As would be done in a color graph, when color is used as an organizing device in the environment, it should be accompanied by a color key. Only one color key was found see Fig. 4a. It would be very helpful if this key was provided along with a “You Are Here” symbol at every decision point where there are two or more directions to go in. The key should be orientated to the space, meaning that as you look at the plan the spaces are arranged in the same relationship to each other that the actual spaces are arranged.

A color key plan should contain the following:

- 1) The plan should be installed at each decision point location or at least on each floor near a stair or elevator, or where there are two or more options of direction.
- 2) Colors need to be very distinct from each other - the

pink of "D House," the "Middle," and the "Auditorium" are too similar.

- 3) There should be a "You Are Here" symbol on each plan.*
- 4) The plans should be orientated to the direction that it is showing.*
- 5) The arrows should be coordinated with the colors and directional signage.*
- 6) The Room ID signs could have a shape and colored symbol.*

This does not need to be an expensive item. It may be a great project for the Graphic Design students.

- **Color Blindness** – *It should be recognized that all students don't perceive colors the same way. There should always be a redundant system so that instructions such as 'follow the green arrow' are either supplemented by a description or a non-color dependent device e.g. 'follow the green arrow in the triangle'. Colors should be accompanied with patterns or shapes in case they do not look distinct from each other. Clear readable layouts, high contrast and highly legible font choices can compensate for inaccurate perceptions caused by color blindness. The most common color blindnesses are Protanope Red/Green deficit and Deutanope - Green/Red deficit with Tritanope - Blue/Yellow deficit, being quite rare. Green and red color coding should be avoided.*

7. Missing Information



Fig.7a View from stair to cafe



Fig.7b View from stair to ticketing

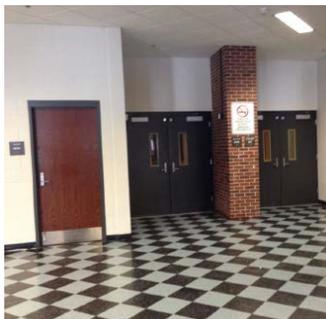


Fig.7c View from stair to Auditorium



Fig.7d Old sign and new with inconsistent naming

Findings and Recommendations

- **ROTC and Music** – Both ROTC and the Music Department proved impossible to find.

Recommendation: Consistent placement of directional signage and key plans with these departments on them placed at critical decision points would mean that all departments are easy to find.

- **Cafeteria, Ticketing and Auditorium** – As these spaces are monumental in scale and can be viewed from a distance (e.g., from the stairs) they would benefit from large signs that can easily be seen from a distance.

Recommendation: These spaces are unique in that they are community gathering spaces. Super-graphics or a school mural could be used effectively to identify these spaces with words and illustrations and create a sense of creativity. They need not be costly as the imagination and creativity of the students could be employed for this purpose.

- **Directional signage** – Some of the directional signage is missing at critical decision points. In some areas old directional signs exist using different terminology from the new signs. Fig 7d

Recommendation: Add missing signage and remove or update old signage.

4. Sample Documents

ADA Grievance Procedures (revised March 2015)

City of Taunton, Massachusetts
Americans with Disabilities Act (ADA)

Purpose

The purpose of the ADA grievance procedure is to ensure a prompt and equitable resolution of complaints by any city employee, applicant, service recipient, or member of the general public that she/he or a specific class of individuals has been subjected to discrimination on the basis of disability by the City of Taunton. Any grievant may, by her or himself, file a complaint with the City of Taunton within ninety (90) days of the date of the alleged discrimination, unless the time for filing is extended by the City for good cause.

Applicability:

This grievance procedure has been adopted by the City of Taunton.

Standing:

A grievance may be brought by any city employee, applicant, service recipient, or member of the general public. Only the grievant will have official standing; that is, the grievance must be brought directly by the grievant seeking redress or remedy, unless, the grievant is unable, because of the disability, to represent her/himself.

Legal Representation:

This grievance procedure is meant to be informal, and cannot be legally binding on either party. Therefore, legal representation on behalf of either party is discouraged and shall only be allowed in special circumstances. Such legal representation obviously carries with it a threat of litigation and is thus contrary to the intent of the policy. Similarly, any grievance or complaint involving existing or threatened civil or criminal litigation cannot be addressed by this policy.

Procedure:

This procedure has been structured to try to resolve the problems at the operating level. For example, if the problem is within the Building Department, the department head of that department would be responsible for implementing any action resulting from the grievance.

STEP 1 – Department Level:

The grievant shall first attempt to resolve the complaint at the level of the department exercising jurisdiction. This grievance may be either oral or written, and shall be submitted to the department head (or designee), who shall meet the grievant as necessary.

The department head shall notify the ADA Coordinator upon receipt of the grievance.

The department head shall issue a written finding, with copies to the grievant and the ADA Coordinator, within twenty (20) working days of submission of the grievance.

STEP 2 – ADA Coordinator Level:

If the complaint is not resolved to the satisfaction of the grievant, or if the department head lacks authority or jurisdiction, the grievant may submit the grievance to the ADA Coordinator:

Kevin R. Scanlon
City of Taunton ADA Coordinator
15 Summer Street
Taunton, Ma 02780
508-821-1051 phone
508-821-1665 fax
kscanlon@taunton-ma.gov

Said submission must be in writing and filed within ten (10) working days of the finding of the department head.

The ADA Coordinator (or designee) shall meet with the grievant and shall issue a written finding within twenty (20) working days of the submission of the Step 2 grievance, and shall provide a copy of the finding to the grievant.

STEP 3 – Municipal Council:

If the complaint is not resolved to the satisfaction of the grievant, she/he may submit the grievance to the Municipal Council.

Said submission must be in writing and filed within ten (10) working days of the findings of the ADA Coordinator.

The Municipal Council (or designee) shall meet with the grievant and shall issue a written finding within twenty (20) working days of the submission of the step 3 grievance and shall provide a copy of the finding to the grievant.

NOTE:

Any decision or recommendation that requires approval of actions or commitment of funds beyond the level of normal departmental authority must be submitted by the Department Head or the ADA Coordinator to the appropriate board or committee, together with her/his recommendation for action. Said board or committee must approve the ADA Coordinator's recommendation prior to implementation, and must seek any necessary funding from the Municipal Council.

All written complaints received by Kevin R. Scanlon, ADA Coordinator or his designee, appeals to the Municipal Council or his/her designee, and responses from these two offices will be retained by the City of Taunton for at least three years.

Sample Job Description

ADA Coordinator City of Taunton

Essential Responsibilities

The City of Taunton ADA Coordinator has five overarching goals and responsibilities:

1. Provide critical insight to the Mayor and City Administrators on developing strategies that advance civil rights, access, and inclusion of people with disabilities through policy reform, systems advocacy, technology innovation, and creative programming
2. Coordinate and monitor the City's compliance efforts relating to title II of the Americans with Disabilities Act (ADA), Section 504 of the Rehabilitation Act of 1973, as well as other federal, state and local statutes that prohibit discrimination against persons with disabilities
3. Engage stakeholders and community residents with disabilities in framing a meaningful dialogue, conceptualizing ideas, organizing priorities, and processing actions through the Disability Commission and other civic entities or organizations.
4. Collaborate with other City departments to ensure timely and quality service provision of programs intended to facilitate access for people with disabilities. These would include but not be limited to programs such as the Residential HP Parking Program and Emergency Preparedness Plan.
5. Serve as a resource for City Departments, residents, tourists, businesses, and developers by providing training, technical assistance, information & referral, dissemination of material on disability issues, disability policies of the City of Taunton, and other disability resources available in the City of Taunton.

Qualifications:

Here are some of the qualifications that help an ADA Coordinator to be effective:

- Familiarity with the City of Taunton's structure, activities, and employees
 - Knowledge of the ADA and other laws addressing the rights of people with disabilities, such as Section 504 of the Rehabilitation Act, 29 U.S.C. § 794
 - Experience with people with a broad range of disabilities
 - Knowledge of various alternative formats and alternative technologies that enable people with disabilities to communicate, participate, and perform tasks
 - Ability to work cooperatively with all of the pertinent government entities and people with disabilities
 - Familiarity with any local disability advocacy groups or other disability groups
 - Skills and training in negotiation and mediation
 - Organizational and analytical skills
-

ADA Notice (revised March 2015)

City of Taunton, Massachusetts
Americans with Disabilities Act (ADA)

In accordance with the requirements of title II of the Americans with Disabilities Act of 1990 ("ADA"), the City of Taunton will not discriminate against qualified individuals with disabilities on the basis of disability in its services, programs, or activities.

Employment: The City of Taunton does not discriminate on the basis of disability in its hiring or employment practices, and complies with all regulations promulgated by the U.S. Equal Employment Opportunity Commission under title I of the ADA.

Effective Communication: The City of Taunton will generally, upon request, provide appropriate aids and services leading to effective communication for qualified person with disabilities so they can participate equally in the City of Taunton's programs services, and activities, including qualified sign language interpreters, documents in Braille, and other ways of making information and communications accessible to people who have speech, hearing, or vision impairments.

Modifications to Policies and Procedures: The City of Taunton will make all reasonable modifications to policies and programs to ensure that people with disabilities have an equal opportunity to enjoy all of tis programs, services, and activities. For example, individuals with service animals are welcomed in the City of Taunton offices, even where pets are generally prohibited.

Anyone who requires an auxiliary aid or service for effective communication, or a modification of policies or procedures to participate in a program, service, or activity of the City of Taunton, should contact the office of ADA Coordinator Kevin R. Scanlon, 508-821-1051 phone, 508-821-1665 fax, kscanlon@taunton-ma.gov as soon as possible but no later than 48 hours before the scheduled event. In some cases, there may be a much longer period of time before the scheduled event (e.g., for an ASL sign language interpreter or CART reporter which may be up to six (6) weeks).

The ADA does not require the City of Taunton to take any action that would fundamentally alter the nature of its programs or services, or impose an undue financial or administrative burden. Complaints that a program, service, or activity of the City of Taunton is not accessible to persons with disabilities should be director to ADA Coordinator Kevin R. Scanlon, 508-821-1051 phone, 508-821-1665 fax, kscanlon@taunton-ma.gov.

The City of Taunton will not place a surcharge on a particular individual with a disability or any group of individuals with disabilities to cover the cost of providing auxiliary aids/services or reasonable modifications of policy, such as retrieving items from locations that are open to the public but are not accessible to person who use wheelchairs.

5. ADA Signage Requirements

City of Taunton ADA Transition Plan

ADA Signage Requirements

Prepared
March 10, 2015



200 Portland Street, first Floor
Boston, MA 02114
617 695 1225 voice/tty
www.IHCDesign.org

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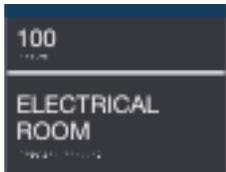
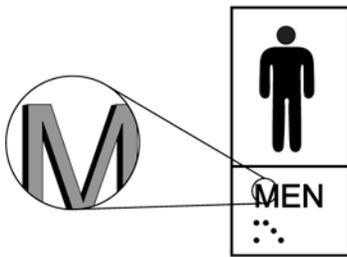
1. Identification Signs [Tactile/Visual]

Definition

Signs that identify a permanent room, space, or area. These signs are read using touch as well as vision.

Location

Next to every door of a permanent room, space, or area.



Room ID – Utility space



Room ID-Room number (permanent) and paper insert (temporary no Braille required)

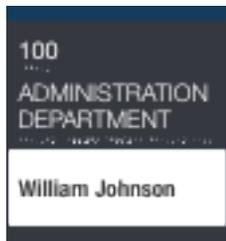
ADA Requirements for Tactile/Visual Signs

- **Finish:** Non-Glare¹
- **Color:** Min. 70% contrast ¹
- **Braille:** Yes, Type II Braille, 3/8” min. below raised characters
- **Raised/Tactile Characters:** Yes
- **Character Style:** San Serif only, no italic, oblique, script or highly decorative fonts
- **Character Height:** 5/8 min.– 2” max
- **Character Case:** All Uppercase
- **Pictograms:** Yes required field 6” min.
- **Line Spacing:** 35-70% Letter Height
- **Character Spacing:** 1/8” - 4x Stroke
- **Character Stroke:** 15% max. Stroke
- **Mounting Height:** 60” AFF to center of sign, wall adjacent to door on strike side. However, ADA standards 48”-60” AFF to raised character baseline are more accessible and will be accepted with a variance. Mounted to allow someone to approach without encountering a protruding object or standing within a swing of a door.
- **International Symbol of Accessibility:** Yes, only required if all spaces are not accessible. Otherwise can use any recognizable accessibility symbol. Not required to be tactile or have Braille description.

¹ Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters shall be provided.

To provide two different signs for each permanent room, space, or area is very unusual and may not be cost effective. Therefore Non-Glare finish and Contrast is required to make tactile signs both readable by touch and vision. The tactile character requirements override the visual requirements with the exception of finish and contrast.

1. Identification Signs [Tactile/Visual] continued...



Room ID-Department (permanent) and paper insert (temporary no Braille required)



Room ID-Department (permanent) and donor information



Floor ID



Room ID - Accessible Single User Restroom

Citations - 2010 ADA Standards

216.2 Designations. Interior and exterior signs identifying permanent rooms and spaces shall comply with 703.1, 703.2, and 703.5. Where pictograms are provided as designations of permanent interior rooms and spaces, the pictograms shall comply with 703.6 and shall have text descriptors complying with 703.2 and 703.5.

EXCEPTION: Exterior signs that are not located at the door to the space they serve shall not be required to comply with 703.2.

Advisory 216.2 Designations. Section 216.2 applies to signs that provide designations, labels, or names for interior rooms or spaces where the sign is not likely to change over time. Examples include interior signs labeling restrooms, room and floor numbers or letters, and room names. Tactile text descriptors are required for pictograms that are provided to label or identify a permanent room or space. Pictograms that provide information about a room or space, such as "no smoking," occupant logos, and the International Symbol of Accessibility, are not required to have text descriptors

216.8 Toilet Rooms and Bathing Rooms. Where existing toilet rooms or bathing rooms do not comply with 603, directional signs indicating the location of the nearest toilet room or bathing room complying with 603 within the facility shall be provided. Signs shall comply with 703.5 and shall include the International Symbol of Accessibility complying with 703.7.2.1. Where existing toilet rooms or bathing rooms do not comply with 603, the toilet rooms or bathing rooms complying with 603 shall be identified by the International Symbol of Accessibility complying with 703.7.2.1. Where clustered single user toilet rooms or bathing facilities are permitted to use exceptions to 213.2, toilet rooms or bathing facilities complying with 603 shall be identified by the International Symbol of Accessibility complying with 703.7.2.1 unless all toilet rooms and bathing facilities comply with 603

2. Informational Signs [Visual Only]

Definition

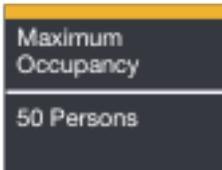
Signs that provide information about a room, space, or area. These signs are not expected to be read by touch.

Location

These signs should be placed wherever information needs to be provided regarding the building usage policies and procedures.



Information about building policy



Information about spaces



Information about spaces that have Assistive Listening Systems installed and/or available



Information about safety

ADA Requirements for Visual Signs

- **Finish:** Non-Glare
- **Color:** Min. 70% contrast
- **Braille:** No
- **Raised/Tactile Characters:** Not Required
- **Character:** San Serif or Simple Serif
- **Character Height:** 5/8 min
- **Character Case:** Upper and/or Lower
- **Pictograms:** No specific requirement
- **Line Spacing:** 35-70% Letter Height
- **Character Spacing:** 10 to 35% of Stroke
- **Character Stroke:** 10 to 30% of Stroke
- **Mounting Height:** Character Height and Mounting Height are interdependent see table 703.5.5 Visual Character Height
- **International Symbol of Accessibility:** Yes, only required if all spaces are not accessible. Otherwise can use any recognizable accessibility symbol.

Citations - 2010 ADA Standards

216.3 Directional and Informational Signs. Signs that provide direction to or information about interior spaces and facilities of the site shall comply with 703.5.

Advisory 216.3 Directional and Informational Signs. Information about interior spaces and facilities includes rules of conduct, occupant load, and similar signs. Signs providing direction to rooms or spaces include those that identify egress routes.

3. Directional Signs [Visual Only]

Definition

Signs that provide direction to a room, space, or area. These signs are not read by touch.

Placement

These signs can be placed at decision points destinations or along a route. They can be installed on wall, ceiling floor, free-standing and component integrated locations.



Directing to accessible restroom



Directing to accessible entrance

ADA Requirements for Visual Signs

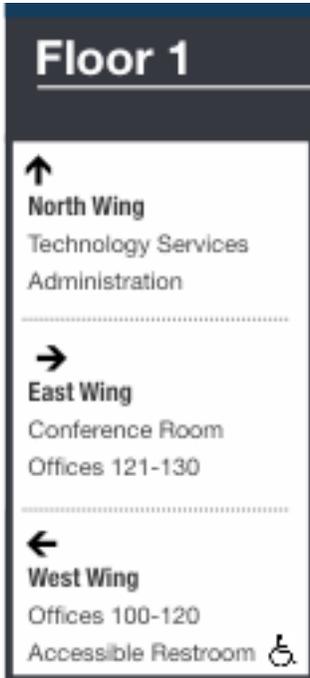
- **Finish:** Non-Glare
- **Color:** Min. 70% contrast
- **Braille:** Not Required
- **Raised/Tactile Characters:** Not Required
- **Character:** San Serif or Simple Serif
- **Character Height:** 5/8 min
- **Character Case:** Upper and/or Lower Case
- **Pictograms:** No specific requirement
- **Line Spacing:** 35-70% Letter Height
- **Character Spacing:** 10 to 35% of Stroke
- **Character Stroke:** 10 to 30% of Stroke
- **Mounting Height:** Character Height and Mounting Height are interdependent see Table 703.5.5 Visual Character Height. Minimum height is 40" AFF
- **International Symbol of Accessibility:** Yes, only required if all spaces are not accessible. Otherwise can use any recognizable accessibility symbol.

Citations - 2010 ADA Standards

216.3 Directional and Informational Signs. Signs that provide direction to or information about interior spaces and facilities of the site shall comply with 703.5.

Advisory 216.3 Directional and Informational Signs. Information about interior spaces and facilities includes rules of conduct, occupant load, and similar signs. Signs providing direction to rooms or spaces include those that identify egress routes.

3. Directional Signs [Visual Only] continued...



Directional sign with many locations

216.8 Toilet Rooms and Bathing Rooms. Where existing toilet rooms or bathing rooms do not comply with 603, directional signs indicating the location of the nearest toilet room or bathing room complying with 603 within the facility shall be provided. Signs shall comply with 703.5 and shall include the International Symbol of Accessibility complying with 703.7.2.1. Where existing toilet rooms or bathing rooms do not comply with 603, the toilet rooms or bathing rooms complying with 603 shall be identified by the International Symbol of Accessibility complying with 703.7.2.1. Where clustered single user toilet rooms or bathing facilities are permitted to use exceptions to 213.2, toilet rooms or bathing facilities complying with 603 shall be identified by the International Symbol of Accessibility complying with 703.7.2.1 unless all toilet rooms and bathing facilities comply with 603.

216.9.2 Directional Signs. Directional signs indicating the location of the nearest public TTY shall be provided at all banks of public pay telephones not containing a public TTY. In addition, where signs provide direction to public pay telephones, they shall also provide direction to public TTYs. Directional signs shall comply with 703.5 and shall include the International Symbol of TTY complying with 703.7.2.2.

Additional UD Recommendations for Visual Signs (Low Directional Signs)

- **Arrows:** If arrows are required gather information so that there are no more than 3 arrows displayed. Put arrows on the side they refer to
- **Arrows:** Use International Symbol arrow
- **Symbols:** Use as many conventional symbols as possible

Alternative Format: Provide this information in an alternative format such as directions that can be downloaded from the accessible website or audio directions that can be received via a personal cellphone.

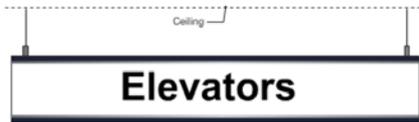
4. Overhead Signs [Visual Only]

Definition

Wall ceiling and projection type signs mounted overhead. These signs are too high to be read by touch. Confirms destination and can be seen from a distance.

Location

Overhead at location



Ceiling mounted overhead sign



Wall mounted overhead blade sign

ADA Requirements for Visual Signs

- **Finish:** Non-Glare
- **Color:** Recommended Min. 70% contrast
- **Braille:** Not Required
- **Raised/Tactile Characters:** Not Required
- **Character:** San Serif or Simple Serif
- **Character Height:** 5/8 min
- **Character Case:** Upper and/or Lower
- **Pictograms:** No specific requirement
- **Line Spacing:** 35-70% Letter Height
- **Character Spacing:** 10 to 35% of Stroke
- **Character Stroke:** 10 to 30% of Stroke
- **Mounting Height:** Character Height and Mounting Height are interdependent see table x and there is a minimum clearance of 80" from the floor or ground surface to the bottom edge of the sign.

Additional MAAB Requirements for Overhead Visual Signs

- **Minimum Height of Character:** 3" high measured using uppercase 'X'
- **Finish:** Eggshell Matte, or other Non-Glare finish

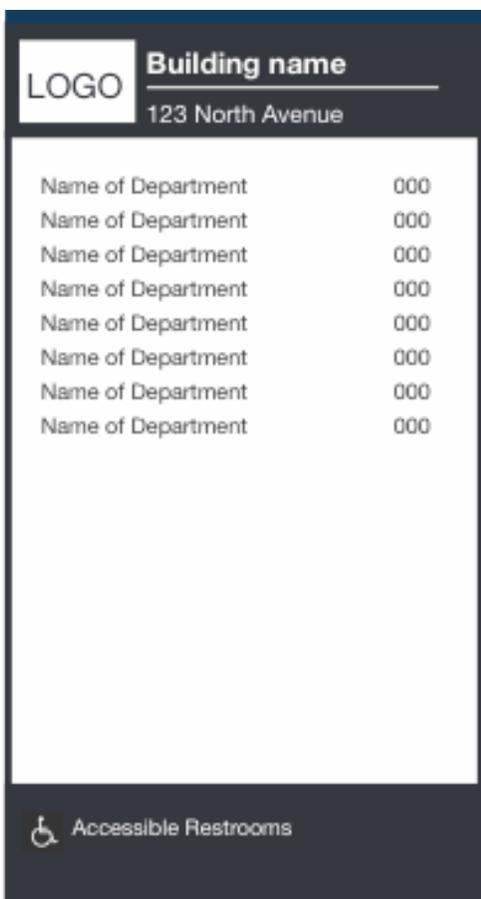
5. Directory Signs [Visual Only]

Definition

Signage that provides information about location of spaces, facilities and people.

Location

In entrance and elevator lobby areas out of the way of circulation routes so that someone can take their time to read it.



*Building Directory
Directories are not required to have Braille or Tactile lettering but the information on directories should be available in an alternative format such as a downloadable list of names from the accessible website.*

Note: Temporary Signs are Exempt from ADA Requirements - consider Universal Design Recommendations

As the information on these signs often changes they are **exempted from ADA requirements** however, the following recommendations will ensure legibility and readability by the widest audience.

- **Finish:** Non-Glare
- **Color:** Min. 70% contrast. For low vision light on dark is easier to read.
- **Braille:** Not Required
- **Raised/Tactile Characters:** Not Required
- **Character:** San Serif or Simple Serif
- **Character Height:** 5/8" min (60 pt)
- **Character Case:** Upper and/or Lower Case
- **Pictograms:** No specific requirement but ISA should be used when indicating accessible features e.g. accessible Toilet Rooms or entrances.
- **Line Spacing:** 35-70% Letter Height
- **Character Spacing:** 10 to 35% of Stroke
- **Character Stroke:** 10 to 30% of Stroke
- **Mounting Height:** Character Height and Mounting Height are interdependent see *Table 703.5.5 Visual Character Height*. The base of the bottom line of characters on the directory should be no lower than 40" and no higher than 72".

- **Symbols:** Use conventional symbols when possible
- **Text:** Align to left
- **Organization:** Organize so lower floors are lower on the Directory and higher floors appear higher up.
Organize Alphabetically only if it makes sense.
- **Arrows:** If required gather information so that there are no more than 3 arrows displayed

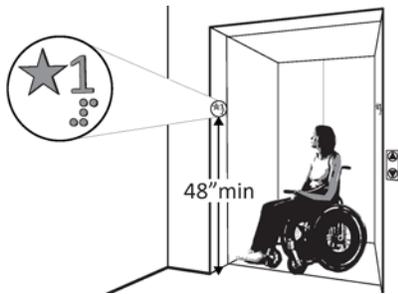
6. Elevator Signs [Tactile & Visual]

Definition

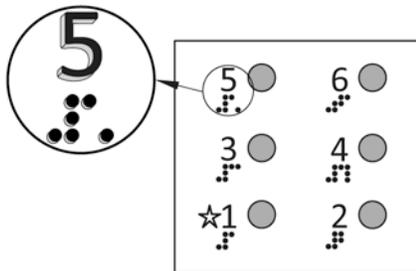
Signage that provides information about floor location at elevators.

Location

On the elevator hoistway jambs and controls.



Floor Designations on jambs of elevator hoistway and entrances



Elevator controls

ADA Requirements for Elevator Signs

- **Finish:** Non-Glare² not required but helpful to all
- **Color:** Min. 70% contrast² not required but helpful to all
- **Braille:** Yes, Type II Braille, 3/8" min. below raised characters
- **Raised/Tactile Characters:** Yes
- **Character:** San Serif
- **Character Height:** 2" min.
- **Character Case:** Upper Case only
- **Pictograms:** Tactile star on both jambs at main entry level
- **Line Spacing:** 35-70% Letter Height
- **Character Spacing:** 1/8" - 4x stroke
- **Character Stroke:** 15% max. stroke
- **Mounting Height:** 48" min. AFF

Citations - 2010 ADA Standards

216.7 Elevators. Where existing elevators do not comply with 407, elevators complying with 407 shall be clearly identified with the International Symbol of Accessibility complying with 703.7.2.1.

407.2.3 Hoistway Signs. Signs at elevator hoistways shall comply with 407.2.3.

² Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters shall be provided.

To provide two different signs for each permanent room, space, or area is very unusual and may not be cost effective. Therefore Non-Glare finish and Contrast is required to make tactile signs both readable by touch and vision. The tactile character requirements override the visual requirements with the exception of finish and contrast.

407.2.3.1 Floor Designation. *Floor designations complying with 703.2 and 703.4.1 shall be provided on both jambs of elevator hoistway entrances. Floor designations shall be provided in both tactile characters and braille. Tactile characters shall be 2 inches (51 mm) high minimum. A tactile star shall be provided on both jambs at the main entry level.*

408.2.3 Hoistway Signs. *Signs at elevator hoistways shall comply with 407.2.3.1.*

407.2.3.2 Car Designations. *Destination-oriented elevators shall provide tactile car identification complying with 703.2 on both jambs of the hoistway immediately below the floor designation. Car designations shall be provided in both tactile characters and braille. Tactile characters shall be 2 inches (51 mm) high minimum.*

7. Egress Signs [Tactile/Visual]

Definition

Signage that provides direction to egress routes.

Placement

Adjacent to each door to an *area of refuge*, an exterior area for assisted rescue, an *exit stairway*, an *exit ramp*, an *exit passageway* and the *exit discharge*.



Egress – Exit Sign



Egress – Exit Route Sign



Overhead Illuminated sign required by Fire Code not in ADA 2010 Standards

ADA 2010 Standards reference International Building Code [IBC] Sign Requirements

- **Finish:** Non-Glare
- **Color:** Min. 70% contrast
- **Braille:** Yes, Type II Braille, 3/8" min. below raised characters
- **Raised/Tactile Characters:** Required
- **Character:** San Serif
- **Character Height:** 5/8 min
- **Character Case:** Upper Case only
- **Pictograms:** Yes required field 6" min. If well known e.g. running green man
- **Line Spacing:** 35-70% Letter Height
- **Character Spacing:** 1/8" - 4x Stroke
- **Character Stroke:** 15% max. Stroke
- **Mounting Height:** 60" AFF to center of sign, wall adjacent to door on strike side. However, ADA standards are more accessible and will be accepted with a variance. ADA requirements are between 48"-60" AFF to raised character baseline, wall adjacent to door on strike side
- **International Symbol of Accessibility:** Yes. Not required to be Braille.



Providing luminous tape around door and close to the floor improves everybody's ability to identify the exit in emergency and low visibility conditions.

ADA Sign Requirements

216.4 Means of Egress. Signs for means of egress shall comply with 216.4.

216.4.1 Exit Doors. Doors at exit passageways, exit discharge, and exit stairways shall be identified by tactile signs complying with 703.1, 703.2, and 703.5.

Advisory 216.4.1 Exit Doors. An exit passageway is a horizontal exit component that is separated from the interior spaces of the building by fire-resistance-rated construction and that leads to the exit discharge or public way. The exit discharge is that portion of an egress system between the termination of an exit and a public way.

Universal Design Recommendations

- **Luminescent:** Luminescent tape strips around egress doors and on stair treads increases the ability to perceive exit routes

Citations - IBC 2009 Sign Requirements

SECTION 1011 EXIT SIGNS

1011.1 Where required.

Exits and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel. The path of egress travel to exits and within exits shall be marked by readily visible exit signs to clearly indicate the direction of egress travel in cases where the exit or the path of egress travel is not immediately visible to the occupants. Intervening means of egress doors within exits shall be marked by exit signs. Exit sign placement shall be such that no point in an exit access corridor or exit passageway is more than 100 feet (30 480 mm) or the listed viewing distance for the sign, whichever is less, from the nearest visible exit sign.

Exceptions:

1. Exit signs are not required in rooms or areas that require only one exit or exit access.
2. Main exterior exit doors or gates that are obviously and clearly identifiable as exits need not have exit signs where approved by the building official.
3. Exit signs are not required in occupancies in Group U and

- individual sleeping units or dwelling units in Group R-1, R-2 or R-3.*
- 4. Exit signs are not required in dayrooms, sleeping rooms or dormitories in occupancies in Group I-3.*
 - 5. In occupancies in Groups A-4 and A-5, exit signs are not required on the seating side of vomitories or openings into seating areas where exit signs are provided in the concourse that are readily apparent from the vomitories. Egress lighting is provided to identify each vomitory or opening within the seating area in an emergency.*

1011.2 Floor-level exit signs in Group R-1.

Where exit signs are required in Group R-1 occupancies by [Section 1011.1](#), additional low-level exit signs shall be provided in all areas serving guestrooms in Group R-1 occupancies and shall comply with [Section 1011.5](#).

The bottom of the sign shall be not less than 10 inches (254 mm) nor more than 12 inches (305 mm) above the floor level. The sign shall be flush mounted to the door or wall. Where mounted on the wall, the edge of the sign shall be within 4 inches (102 mm) of the door frame on the latch side.

1011.3 Illumination.

Exit signs shall be internally or externally illuminated.

Exception: *Tactile signs required by [Section 1011.4](#) need not be provided with illumination.*

1011.4 Raised character and Braille exit signs.

A sign stating EXIT in raised characters and Braille and complying with ICC A117.1 shall be provided adjacent to each door to an area of refuge, an exterior area for assisted rescue, an exit stairway, an exit ramp, an exit passageway and the exit discharge.

1011.5 Internally illuminated exit signs.

Electrically powered, self-luminous and photoluminescent exit signs shall be listed and labeled in accordance with UL 924 and shall be installed in accordance with the manufacturer's instructions and [Chapter 27](#). Exit signs shall be illuminated at all times.

1011.6 Externally illuminated exit signs.

Externally illuminated exit signs shall comply with [Sections 1011.6.1](#) through [1011.6.3](#).

1011.6.1 Graphics.

Every exit sign and directional exit sign shall have plainly legible letters not less than 6 inches (152 mm) high with the principal

strokes of the letters not less than $\frac{3}{4}$ inch (19.1 mm) wide. The word "EXIT" shall have letters having a width not less than 2 inches (51 mm) wide, except the letter "I," and the minimum spacing between letters shall not be less than $\frac{3}{8}$ inch (9.5 mm). Signs larger than the minimum established in this section shall have letter widths, strokes and spacing in proportion to their height.

The word "EXIT" shall be in high contrast with the background and shall be clearly discernible when the means of exit sign illumination is or is not energized. If a chevron directional indicator is provided as part of the exit sign, the construction shall be such that the direction of the chevron directional indicator cannot be readily changed.

1011.6.2 Exit sign illumination.

The face of an exit sign illuminated from an external source shall have an intensity of not less than 5 footcandles (54 lux).

1011.6.3 Power source.

Exit signs shall be illuminated at all times. To ensure continued illumination for a duration of not less than 90 minutes in case of primary power loss, the sign illumination means shall be connected to an emergency power system provided from storage batteries, unit equipment or an on-site generator. The installation of the emergency power system shall be in accordance with [Chapter 27](#).

Exception: Approved exit sign illumination means that provide continuous illumination independent of external power sources for a duration of not less than 90 minutes, in case of primary power loss, are not required to be connected to an emergency electrical system.

SECTION 1024 LUMINOUS EGRESS PATH MARKINGS

1024.1 General.

Approved luminous egress path markings delineating the exit path shall be provided in high-rise buildings of Group A, B, E, I, M, and R-1 occupancies in accordance with Sections 1024.1 through [1024.5](#).

Exception: Luminous egress path markings shall not be required on the level of exit discharge in lobbies that serve as part of the exit path in accordance with [Section 1027.1](#), Exception 1.

1024.2 Markings within exit components.

Egress path markings shall be provided in interior exit stairways, interior exit ramps and exit passageways, in accordance with [Sections 1024.2.1](#) through [1024.2.6](#).

1024.2.1 Steps.

A solid and continuous stripe shall be applied to the horizontal leading edge of each step and shall extend for the full length of the step. Outlining stripes shall have a minimum horizontal width of 1 inch (25 mm) and a maximum width of 2 inches (51 mm). The leading edge of the stripe shall be placed at a maximum of 1/2 inch (13 mm) from the leading edge of the step and the stripe shall not overlap the leading edge of the step by not more than 1/2 inch (13 mm) down the vertical face of the step.

Exception: *The minimum width of 1 inch (25 mm) shall not apply to outlining stripes listed in accordance with UL 1994.*

1024.2.2 Landings.

The leading edge of landings shall be marked with a stripe consistent with the dimensional requirements for steps.

1024.2.3 Handrails.

All handrails and handrail extensions shall be marked with a solid and continuous stripe having a minimum width of 1 inch (25 mm). The stripe shall be placed on the top surface of the handrail for the entire length of the handrail, including extensions and newel post caps. Where handrails or handrail extensions bend or turn corners, the stripe shall not have a gap of more than 4 inches (102 mm).

Exception: *The minimum width of 1 inch (25 mm) shall not apply to outlining stripes listed in accordance with UL 1994.*

1024.2.4 Perimeter demarcation lines.

Stair landings and other floor areas within interior exit stairways, interior exit ramps and exit passageways, with the exception of the sides of steps, shall be provided with solid and continuous demarcation lines on the floor or on the walls or a combination of both. The stripes shall be 1 to 2 inches (25 mm to 51 mm) wide with interruptions not exceeding 4 inches (102 mm).

Exception: *The minimum width of 1 inch (25 mm) shall not apply to outlining stripes listed in accordance with UL 1994.*

1024.2.4.1 Floor mounted demarcation lines.

Perimeter demarcation lines shall be placed within 4 inches (102 mm) of the wall and shall extend to within 2 inches (51 mm) of the markings on the leading edge of landings. The demarcation lines shall continue across the floor in front of all doors.

Exception: *Demarcation lines shall not extend in front of exit discharge doors that lead out of an exit and through which occupants must travel to complete the exit path.*

1024.2.4.2 Wall mounted demarcation lines.

Perimeter demarcation lines shall be placed on the wall with the bottom edge of the stripe no more than 4 inches (102 mm) above the finished floor. At the top or bottom of the stairs, demarcation lines shall drop vertically to the floor within 2 inches (51 mm) of the step or landing edge. Demarcation lines on walls shall transition vertically to the floor and then extend across the floor where a line on the floor is the only practical method of outlining the path. Where the wall line is broken by a door, demarcation lines on walls shall continue across the face of the door or transition to the floor and extend across the floor in front of such door.

Exception: *Demarcation lines shall not extend in front of exit discharge doors that lead out of an exit and through which occupants must travel to complete the exit path.*

1024.2.4.3 Transition.

Where a wall mounted demarcation line transitions to a floor mounted demarcation line, or vice-versa, the wall mounted demarcation line shall drop vertically to the floor to meet a complimentary extension of the floor mounted demarcation line, thus forming a continuous marking.

1024.2.5 Obstacles.

Obstacles at or below 6 feet 6 inches (1981 mm) in height and projecting more than 4 inches (102 mm) into the egress path shall be outlined with markings no less than 1 inch (25 mm) in width comprised of a pattern of alternating equal bands, of luminescent luminous material and black, with the alternating bands no more than 2 inches (51 mm) thick and angled at 45 degrees. Obstacles shall include, but are not limited to, standpipes, hose cabinets, wall projections, and restricted height areas. However, such markings shall not conceal any required information or indicators including but not limited to instructions to occupants for the use of standpipes.

1024.2.6 Doors within the exit path.

Doors through which occupants must pass in order to complete the exit path shall be provided with markings complying with [Sections 1024.2.6.1](#) through [1024.2.6.3](#).

1024.2.6.1 Emergency exit symbol.

The doors shall be identified by a low-location luminous emergency exit symbol complying with NFPA 170. The exit symbol shall be a minimum of 4 inches (102 mm) in height and shall be mounted on the door, centered horizontally, with the top of the symbol no higher than 18 inches (457 mm) above the finished floor.

1024.2.6.2 Door hardware markings.

Door hardware shall be marked with no less than 16 square inches (406 mm²) of luminous material. This marking shall be located behind, immediately adjacent to, or on the door handle or escutcheon. Where a panic bar is installed, such material shall be no less than 1 inch (25 mm) wide for the entire length of the actuating bar or touchpad.

1024.2.6.3 Door frame markings.

The top and sides of the door frame shall be marked with a solid and continuous 1-inch- to 2-inch-wide (25 mm to 51 mm) stripe. Where the door molding does not provide sufficient flat surface on which to locate the stripe, the stripe shall be permitted to be located on the wall surrounding the frame.

1024.3 Uniformity.

Placement and dimensions of markings shall be consistent and uniform throughout the same enclosure.

1024.4 Self-luminous and photoluminescent. *Luminous egress path markings shall be permitted to be made of any material, including paint, provided that an electrical charge is not required to maintain the required luminance. Such materials shall include, but not be limited to, self-luminous materials and photoluminescent materials. Materials shall comply with either:*

- 1. UL 1994; or*
- 2. ASTM E 2072, except that the charging source shall be 1 footcandle (11 lux) of fluorescent illumination for 60 minutes, and the minimum luminance shall be 30 milicandelas per square meter at 10 minutes and 5 milicandelas per square meter after 90 minutes.*

1024.5 Illumination.

Where photoluminescent exit path markings are installed, they shall be provided with the minimum means of egress illumination required by [Section 1006](#) for at least 60 minutes prior to periods when the building is occupied.

Citations - 2010 ADA Standards

216.4 Means of Egress. Signs for means of egress shall comply with 216.4.

216.4.1 Exit Doors. Doors at exit passageways, exit discharge, and exit stairways shall be identified by tactile signs complying with 703.1, 703.2, and 703.5.

Advisory 216.4.1 Exit Doors. An exit passageway is a horizontal exit component that is separated from the interior spaces of the building by fire-resistance-rated construction and

that leads to the exit discharge or public way. The exit discharge is that portion of an egress system between the termination of an exit and a public way.

8. Areas of Refuge



*Area of Refuge Assistance
Not required in fully sprinklered
buildings*

ADA 2010 Standards reference International Building Code [IBC] Sign Requirements

- **Finish:** Non-Glare
- **Color:** Min. 70% contrast
- **Braille:** Yes, Type II Braille, 3/8" min. below raised characters
- **Raised/Tactile Characters:** Required
- **Character:** San Serif
- **Character Height:** 5/8 min
- **Character Case:** Upper Case only
- **Pictograms:** Yes required field 6" min. If well known e.g. running green man
- **Line Spacing:** 35-70% Letter Height
- **Character Spacing:** 1/8" - 4x Stroke
- **Character Stroke:** 15% max. Stroke
- **Mounting Height:** 60" AFF to center of sign, wall adjacent to door on strike side. However, ADA standards are more accessible and will be accepted with a variance. ADA requirements are between 48"-60" AFF to raised character baseline, wall adjacent to door on strike side
- **International Symbol of Accessibility:** Yes. Not required to be Braille

NFPA [National Fire protection Association] Citations

101 section 7.2:

- *Each Area of Refuge must be provided with a two-way communication system between the Area of Refuge and a central control point (Rath Base Stations).*
- *Each Area of Refuge must be identified by a sign stating “AREA OF REFUGE” and displaying the international symbol of accessibility.*
- *Signs must be installed at all exits not providing accessible means of egress and where otherwise necessary to clearly indicate the direction of the Area of Refuge.*
- *24.5.3.7 Instructions for the use of the two-way communications system and for summoning assistance via the two-way communications system and written identification, including Braille, of the location shall be posted adjacent to the two-way communications system.*

The Life Safety Code requires that Exits—other than main exterior Exit doors that obviously and clearly are identifiable as Exits—be marked by an approved sign that is readily visible from any direction of Exit access. (NFPA 101, Section 7.10.1.2)

- *The Life Safety Code requires a minimum level of visibility for Exit signs. Specifically, signs must be located in such a location and be of such a size, distinctive color, and design that they are readily visible. All signs must also provide contrast with decorations, interior finish, or other signs, and may not be blocked by decorations, furnishings, or equipment that impairs visibility of a sign. Further, no brightly illuminated sign, display, or object that could detract from an Exit sign are permitted in or near the line of vision of an Exit sign. (NFPA 101, Section 7.10.1.8)*
- *The Life Safety Code requires that every sign required for Exit or Exit access— other than those where operations or processes require low lighting levels—must be suitably illuminated by a reliable light source. Externally and internally illuminated signs must be legible in both normal and emergency lighting mode. (NFPA 101, Section 7.10.5.1)*
- *The Life Safety Code requires that all doors, passages or stairways that are neither an exit nor a way of exit access—yet are likely to be mistaken for an exit—be identified with a “No Exit” sign. (NFPA 101, Section 7.10.8.3.1)*

- *The Life Safety Code requires that all Exit signs with a directional indicator be placed in every location where the direction of travel to reach the nearest exit is not apparent. (NFPA 101, Section 7.10.2)*
- *The Code of Federal Regulations requires that Exit signs be of a distinctive color, and be illuminated to a surface value of at least five foot-candles (54 lux) by a reliable light source. (29 CFR 1910.37 (b)(6))*

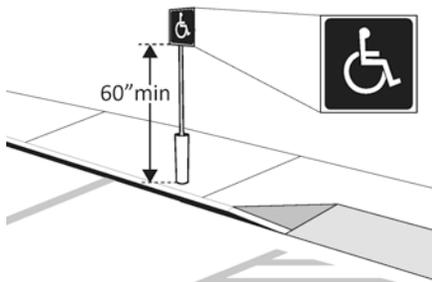
9. Parking Signage [Visual Only]

Definition

Signage that indicates accessible parking spaces.

Placement

Signage is placed usually on poles placed at the head of the parking space and centered on the width so that they are easily visible as you drive into the space.



Sign should be seen from inside the vehicle



Van Accessible parking text must be shown on the Van Accessible parking sign.

ADA Sign Requirements

- **Pictograms:** Use ISA (International Symbol of Accessibility)
- **Mounting Height:** 60" min. to bottom of sign also Character Height and Mounting Height are interdependent see *Table 703.5.5 Visual Character Height.*
- **Clearance in parking garages:** Minimum clearance for bottom of overhead sign is 98" from the ground surface to the bottom edge of the sign.
- **Content:** Van accessible parking must read "Van Accessible".

Not required but recommended

- **Finish:** Non-Glare
- **Color:** Min. 70% contrast
- **Braille:** Not Required
- **Raised/Tactile Characters:** Not Required
- **Character:** San Serif or Simple Serif
- **Character Height:** 5/8 min
- **Character Case:** Upper and/or Lower
- **Pictograms:** Within a 6" clear field with no other lettering
- **Line Spacing:** 35-70% Letter Height
- **Character Spacing:** 10 to 35% of Stroke
- **Character Stroke:** 10 to 30% of Stroke

CITATIONS – 2010 ADA Standards

In parking facilities, signs shall not be required to comply with 216.2 Designations, 216.3 Directional and Informational, and 216.6 Entrances, 216.7 Elevators, 216.8 Toilet Rooms and Bathing Rooms, 216.9 TTY's, 216.10 Assistive Listening Systems, 216.11 Check-Out Aisles, 216.12 Amusement Rides.

10. Temporary Signs [Visual Only]

Definition

Temporary, 7 days or less, signs shall not be required to comply with 216.

Placement

Wherever required.

Note: Temporary Signs are Exempt from ADA Requirements - consider UD recommendations

As the information on these signs is **not permanent** they are exempted from ADA requirements however, the following recommendations will ensure legibility and readability by the widest range of audience.

- **Finish:** Non-Glare
- **Color:** Min. 70% contrast
- **Braille:** Not required, consider providing the temporary information that is on the sign in alternative format e.g. on the web will be very helpful to people who are Blind.
- **Raised/Tactile Characters:** Not required, consider providing the temporary information that is on the sign in alternative format e.g. on the web will be very helpful to people who are Blind.
- **Character Style:** San Serif, no italic, oblique, script or highly decorative fonts recommended
- **Character Height:** 5/8 min.
- **Character Case:** Mixed Case (Upper and Lower Case)
- **Pictograms:** Yes recommended field 6" min.
- **Line Spacing:** 35-70% Letter Height
- **Character Spacing:** 1/8" - 4x Stroke
- **Character Stroke:** 15% max. Stroke
- **Mounting Height:** Character Height and Mounting Height are interdependent see *Table 703.5.5 Visual Character Height* and there is a min. clearance of 80" from the floor or ground surface to the bottom edge of the sign.
- **International Symbol of Accessibility:** Yes, recommended

Visual/Tactile Signs Combined ADA Sign Requirements

Finish, Color, and Contrast

Color is not specified in the 2010 ADA Standards however contrast is.

703.5.1 Finish and Contrast. *Characters and their background shall have a non-glare finish. Characters shall contrast with their background with either light characters on a dark background or dark characters on a light background.*



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Advisory 703.5.1 Finish and Contrast. *Signs are more legible for persons with low vision when characters contrast as much as possible with their background. Additional factors affecting the ease with which the text can be distinguished from its background include shadows cast by lighting sources, surface glare, and the uniformity of the text and its background colors and textures.*

Calculation

Contrast in percent shall be determined by:

$$\text{Contrast} = [(B1-B2)/B1] \times 100$$

where

B1 = light reflectance value (LRV) of the lighter area

B2 = light reflectance value of the darker area.

Note: in any application both white and black are never absolute so B1 can never = 100 and B2 is always greater than 0 (even if using black and white)

Universal Design Recommendations

Lighthouse International research indicates that light on dark is much easier to read for people who have low vision.

Braille

ADA Sign Requirements

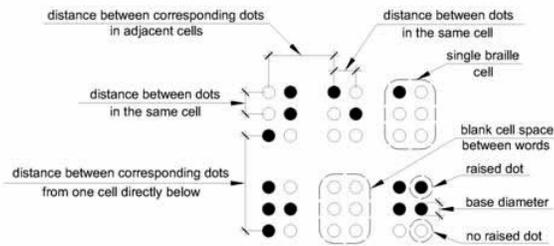


Fig. 703.3.1 Braille Measurement

703.3 Braille. Braille shall be contracted (Grade 2) and shall comply with 703.3 and 703.4.

703.3.1 Dimensions and Capitalization. Braille dots shall have a domed or rounded shape and shall comply with **Table 703.3.1**. The indication of an uppercase letter or letters shall only be used before the first word of sentences, proper nouns and names, individual letters of the alphabet, initials, and acronyms.

703.3.2 Position. Braille shall be positioned below the corresponding text. If text is multi-lined, braille shall be placed below the entire text. Braille shall be separated 3/8 inch (9.5 mm) minimum from any other tactile characters and 3/8 inch (9.5 mm) minimum from raised borders and decorative elements.

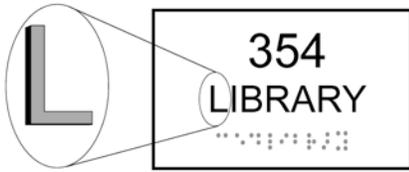
EXCEPTION: Braille provided on elevator car controls shall be separated 3/16 inch (4.8 mm) minimum and shall be located either directly below or adjacent to the corresponding raised characters or symbols.

703.4 Installation Height and Location. Signs with tactile characters shall comply with 703.4.

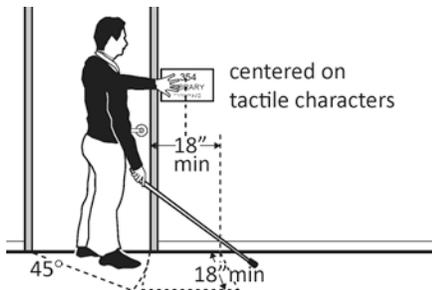
703.4.1 Height Above Finish Floor or Ground. Tactile characters on signs shall be located 48 inches (1220 mm) minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60 inches (1525 mm) maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character.

EXCEPTION: Tactile characters for elevator car controls shall not be required to comply with 703.4.1

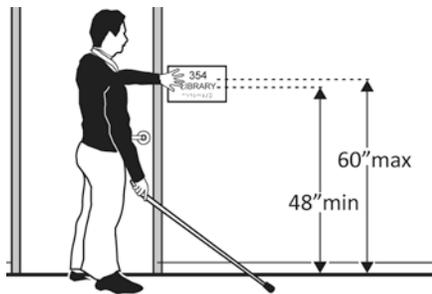
Raised Lettering



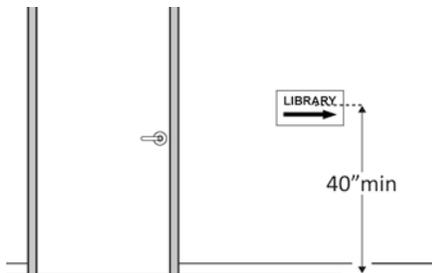
Identification Sign showing use of raised lettering



Identification Sign Location centered in the 18" of clear space at the latch side of a door



Identification Sign Height [703.4.1]



[Visual] Directional Sign Height minimum 40"

ADA Sign Requirements

Any signs read by touch should have a smooth finish with no sharp edges

703.4 Installation Height and Location. Signs with tactile characters shall comply with 703.4.

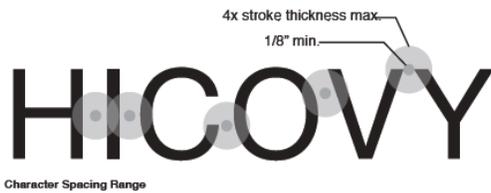
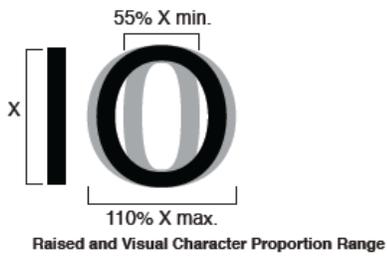
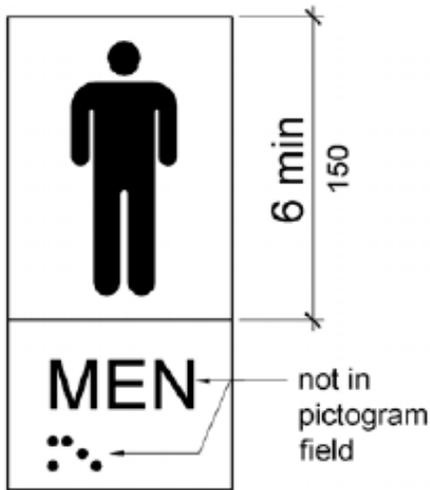
703.4.1 Height Above Finish Floor or Ground. Tactile characters on signs shall be located 48 inches (1220 mm) minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60 inches (1525 mm) maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character.

EXCEPTION: Tactile characters for elevator car controls shall not be required to comply with 703.4.1

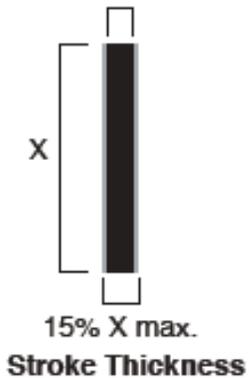
703.4.2 Location. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18 inches (455 mm) minimum by 18 inches (455 mm) minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position.

EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.

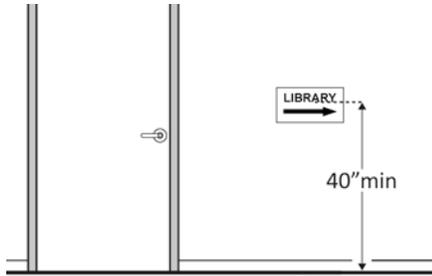
AFF



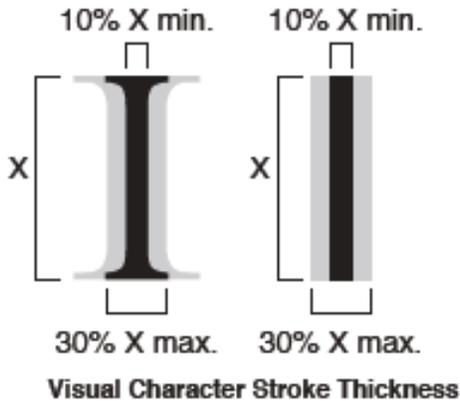
10% X min.
(no min. required, but SEGD recommends 10% X min.)



Visual Only Signs



[Visual] Directional Sign Height minimum 40" AFF



ADA Sign Requirements

703.5 Visual Characters. Visual characters shall comply with 703.5.

EXCEPTION: Where visual characters comply with 703.2 and are accompanied by braille complying with 703.3, they shall not be required to comply with 703.5.2 through 703.5.9.

703.5.1 Finish and Contrast. Characters and their background shall have a non-glare finish. Characters shall contrast with their background with either light characters on a dark background or dark characters on a light background.

Advisory 703.5.1 Finish and Contrast. Signs are more legible for persons with low vision when characters contrast as much as possible with their background. Additional factors affecting the ease with which the text can be distinguished from its background include shadows cast by lighting sources, surface glare, and the uniformity of the text and its background colors and textures.

703.5.2 Case. Characters shall be uppercase or lowercase or a combination of both.

703.5.3 Style. Characters shall be conventional in form. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms.

703.5.4 Character Proportions. Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 percent minimum and 110 percent maximum of the height of the uppercase letter "I".

703.5.5 Character Height. Minimum character height shall comply with **Table 703.5.5**. Viewing distance shall be measured as the horizontal distance between the character and an obstruction preventing further approach towards the sign. Character height shall be based on the uppercase letter "I".

| Height to Finish Floor or Ground From Baseline of Character | Horizontal Viewing Distance | Minimum Character Height |
|--|------------------------------------|---|
| 40 inches (1015 mm) to less than or equal to 70 inches (1780 mm) | less than 72 inches (1830 mm) | 5/8 inch (16 mm) |
| | 72 inches (1830 mm) and greater | 5/8 inch (16 mm), plus 1/8 inch (3.2 mm) per foot (305 mm) of viewing distance above 72 inches (1830 mm) |
| Greater than 70 inches (1780 mm) to less than or equal to 120 inches (3050 mm) | less than 180 inches (4570 mm) | 2 inches (51 mm) |
| | 180 inches (4570 mm) and greater | 2 inches (51 mm), plus 1/8 inch (3.2 mm) per foot (305 mm) of viewing distance above 180 inches (4570 mm) |
| greater than 120 inches (3050 mm) | less than 21 feet (6400 mm) | 3 inches (75 mm) |
| | 21 feet (6400 mm) and greater | 3 inches (75 mm), plus 1/8 inch (3.2 mm) per foot (305 mm) of viewing distance above 21 feet (6400 mm) |

Table 703.5.5 Visual Character Height

Symbols of Accessibility



Fig. 703.3.7.2.1 International Symbol of Accessibility ISA



International Symbol of Accessibility reversed white on black



SEGD Version of Alternative International Symbol of Accessibility



SEGD Active Version of Alternative International Symbol of Accessibility
https://segd.org/sites/default/files/14_segd_accessibility_symbols_art.pdf

ADA Sign Requirements

These symbols should be used on **all** communications that describes the availability of accessible facilities and accommodations. The ISA must always be used where not all accessible elements and facilities are accessible. The SEG D alternate and the active image can only be used if all accessible elements and facilities **are** already accessible and the symbol is just being used to avoid confusion.

History of Symbol

<http://www.riglobal.org/symbol-of-access/>
https://segd.org/sites/default/files/14_segd_accessibility_symbols_art.pdf

Where and when to use the symbol

216.5 Parking. Parking spaces complying with 502 shall be identified by signs complying with 502.6.

EXCEPTIONS:

1. Where a total of four or fewer parking spaces, including accessible parking spaces, are provided on a site, identification of accessible parking spaces shall not be required.
2. In residential facilities, where parking spaces are assigned to specific residential dwelling units, identification of accessible parking spaces shall not be required.

216.6 Entrances. Where not all entrances comply with 404, entrances complying with 404 shall be identified by the International Symbol of Accessibility complying with 703.7.2.1. Directional signs complying with 703.5 that indicate the location of the nearest entrance complying with 404 shall be provided at entrances that do not comply with 404.

Advisory 216.6 Entrances. Where a directional sign is required, it should be located to minimize backtracking. In some cases, this could mean locating a sign at the beginning of a route, not just at the inaccessible entrances to a building.

703.7 Symbols of Accessibility. Symbols of accessibility shall comply with **Figure 703.7.2.1**

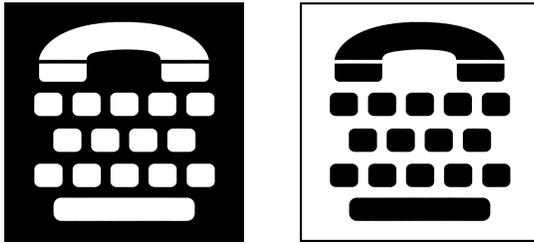


Fig. 703.3.7.2 International Symbol of TTY

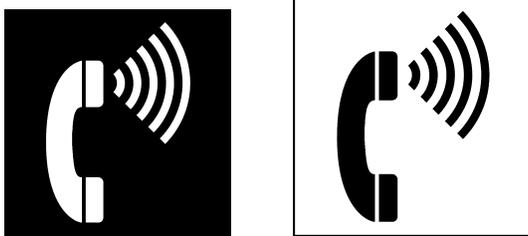


Fig. 703.3.7.2.3 International Symbol for Volume Control Telephone



Fig. 703.3.7.2.4 International Symbol of Access for Hearing Loss

Graphic Artist Guild Disability Symbols

These symbols were developed to provide identifiers to announce the provision of accessible facilities that are not included in the 2010 ADA Standards.

https://graphicartistsguild.org/tools_resources/downloadable-disability-access-symbols

703.7.1 Finish and Contrast. Symbols of accessibility and their background shall have a non-glare finish. Symbols of accessibility shall contrast with their background with either a light symbol on a dark background or a dark symbol on a light background.

Advisory 703.7.1 Finish and Contrast. Signs are more legible for persons with low vision when characters contrast as much as possible with their background. Additional factors affecting the ease with which the text can be distinguished from its background include shadows cast by lighting sources, surface glare, and the uniformity of the text and background colors and textures.

708.2 Audible and Visual Indicators. The system shall provide both audible and visual signals.

Advisory 708.2 Audible and Visual Indicators. A light can be used to indicate visually that assistance is on the way. Signs indicating the meaning of visual signals should be provided.

802.4 Designated Aisle Seats. Designated aisle seats shall comply with 802.4.

802.4.1 Armrests. Where armrests are provided on the seating in the immediate area, folding or retractable armrests shall be provided on the aisle side of the seat.

802.4.2 Identification. Each designated aisle seat shall be identified by a sign or marker.

Advisory 802.4.2 Identification. Seats with folding or retractable armrests are intended for use by individuals who have difficulty walking. Consider identifying such seats with signs that contrast (light-on-dark or dark-on-light) and that are also photo luminescent.

904 Check-Out Aisles and Sales and Service Counters

904.6 Security Glazing. Where counters or teller windows have security glazing to separate personnel from the public, a method to facilitate voice communication shall be provided. Telephone handset devices, if provided, shall comply with 704.3.

Advisory 904.6 Security Glazing. Assistive listening devices complying with 706 can facilitate voice



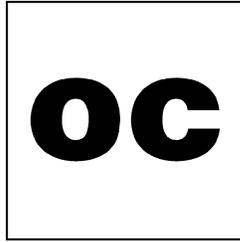
Alternative Symbol of Access for Hearing Loss



communication at counters or teller windows where there is security glazing which promotes distortion in audible information. Where assistive listening devices are installed, place signs complying with 703.7.2.4 to identify those facilities which are so equipped. Other voice communication methods include, but are not limited to, grilles, slats, talk-through baffles, intercoms, or telephone handset devices.

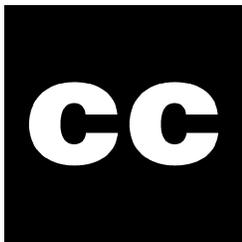


Symbol for Open Captioning

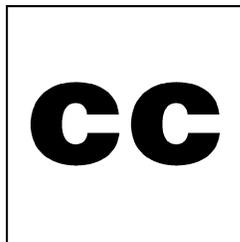


Alternative symbols can be used only if all toilets, entrances, and/or facilities are accessible.

703.7.2.3 Volume Control Telephones. Telephones with a volume control shall be identified by a pictogram of a telephone handset with radiating sound waves on a square field such as shown in Figure 703.7.2.3.

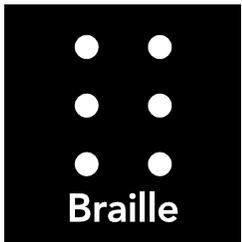


Symbol for Closed Captioning

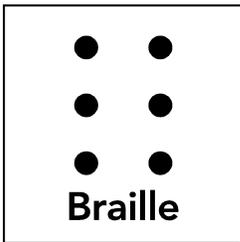


703.3.2 Position. Braille shall be positioned below the corresponding text. If text is multi-lined, braille shall be placed below the entire text. Braille shall be separated 3/8 inch (9.5 mm) minimum from any other tactile characters and 3/8 inch (9.5 mm) minimum from raised borders and decorative elements.

703.7.2.3 Volume Control Telephones. Telephones with a volume control shall be identified by a pictogram of a telephone handset with radiating sound waves on a square field such as shown in Figure 703.7.2.3.

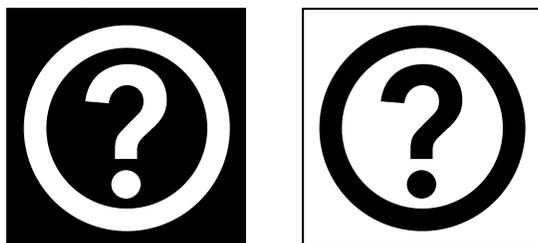


Symbol for Braille



Symbol for Large Print





Symbol for Information and/or Help Desk



Symbol for American Sign Language (ASL) interpretation



Symbol for Audio Description

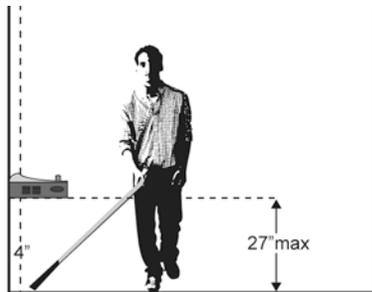


Symbol for a person using a cane

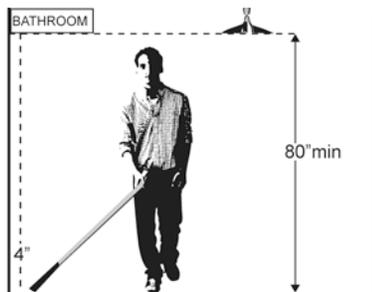
Protruding Objects



Wall mounted signs must not protrude into the accessible route more than 4"



if it does it must be than 27" AFF



or higher than 80" AFF

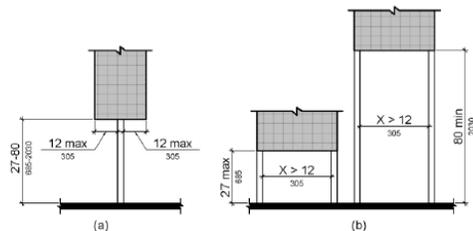


Figure 307.3 Post-Mounted Protruding Objects

Free standing or post mounted signs

ADA Sign Requirements

307 Protruding Objects

307.1 General. Protruding objects shall comply with 307.

307.2 Protrusion Limits. Objects with leading edges more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the finish floor or ground shall protrude 4 inches (100 mm) maximum horizontally into the circulation path.

EXCEPTION: Handrails shall be permitted to protrude 4 1/2 inches (115 mm) maximum.

Advisory 307.2 Protrusion Limits. When a cane is used and the element is in the detectable range, it gives a person sufficient time to detect the element with the cane before there is body contact. Elements located on circulation paths, including operable elements, must comply with requirements for protruding objects. For example, awnings and their supporting structures cannot reduce the minimum required vertical clearance. Similarly, casement windows, when open, cannot encroach more than 4 inches (100 mm) into circulation paths above 27 inches (685 mm).

307.3 Post-Mounted Objects. Free-standing objects mounted on posts or pylons shall overhang circulation paths 12 inches (305 mm) maximum when located 27 inches (685 mm) minimum and 80 inches (2030 mm) maximum above the finish floor or ground. Where a sign or other obstruction is mounted between posts or pylons and the clear distance between the posts or pylons is greater than 12 inches (305 mm), the lowest edge of such sign or obstruction shall be 27 inches (685 mm) maximum or 80 inches (2030 mm) minimum above the finish floor or ground.

EXCEPTION: The sloping portions of handrails serving stairs and ramps shall not be required to comply with 307.3.

307.4 Vertical Clearance. Vertical clearance shall be 80 inches (2030 mm) high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80 inches (2030 mm) high. The leading edge of such guardrail or barrier shall be located 27 inches (685 mm) maximum above the finish floor or ground.

Color and Organizing Information

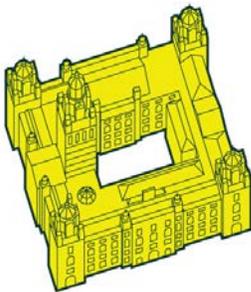
Universal Design Recommendations

- Do not use green and red together in signage unless there is good contrast. Red/Green colorblindness is the most common.
- Whenever using color for identification also have a verbal description, symbol, number or image alongside it. e.g. the red box room – there could be a symbol of a box so that no one is depending on looking only for red.
- Use different paints and finishes to delineate different areas, surfaces and furniture and draw connections between spaces. However, do not depend on color alone see above.
- Use alphanumeric organizing systems with a preference for numeric people who may not be able to read will often know numbers but may not know alphabetical order.
- When numbering stairs, elevators and rooms use the cardinal points North, South, East, West to also provide orientation information. N100, S100 etc.

Maps



You Are Here map used as well as Directory



Building shown as axonometric

Universal Design Recommendations

- Provide orientation and scale devices such as the north arrow and a graphic scale or a circle that shows walking distance and times.
- Wherever possible show spaces as axonometric diagrams (or three dimensionally).
- On a sign ensure that the map is orientated in the direction that is shown on the map as you face it.
- Providing maps with Directories works well if the directory doesn't have a vast amount of information.
- Provide downloadable maps from the website
- Provide accessible elements information on all maps.

Alternative Format

ADA Requirements for Program Accessibility

- Large print – Printed maps and materials should be able to be zoomed into and printed in a large format with text size at least 18 points.
- Audible Signs – Signs that also provide an audio component using pre-recorded messages that are triggered automatically or manually, web connections, cell phone systems, proximity signs and public address speaker systems. When audible alarms are installed ensure that it is possible to perceive direction to the nearest exit.
- Touch Screens – ensure that they are within reach ranges have knee and toe clearance for a front approach and have audio feedback such as 'Voiceover'.

Additional Standards

NFPA [National Fire Protection Association] Personal Emergency Planning

Identification Sign showing use of raised lettering

NFPA Sign Requirements

- **At Exits:** Provide clearly visible sign, with clear line of sight and approach signs reading EXIT in all forms (visual, Tactile and Braille)
- **At each doorway or passage that may be mistaken for an exit:** Provide clearly visible sign, with clear line of sight and approach signs reading NOT AN EXIT or its actual use in all forms (visual, Tactile and Braille)
- **On Circulation paths:** Provide adequate number of signs along the circulation path/route to clearly show how to get to the nearest exit.
- **On Circulation paths:** Ensure circulation routes are free from obstructions including furniture, equipment and protruding objects.
- **Direction of travel:** Indicate the direction of travel clearly and in all forms (visual, Tactile and Braille and audible).
- **Clear line of sight free from Distractions:** Ensure that brightly lit signs, displays, or objects in or near the line of vision *do not* obstruct or distract attention from exit signs, particularly for people with low vision.

Adapted from <http://www.nfpa.org/safety-information/for-consumers/populations/people-with-disabilities>

SEGD

SEGD - Society of Experiential Graphic Design [formerly Society of Environmental Graphic Design] recommendations

Signs that communicate effectively with those who have visual impairments (and those with none) must adhere to certain graphic design principles, especially those of typography. The UniGuide Standards carefully considered the following criteria as established by the Society for Environmental Graphic Design (SEGD) in response to the *Americans with Disabilities Act of 1990*, which has criteria similar to that of Section 504 of the *Rehabilitation Act of 1973*, as amended. PROGRAMMATIC ACCESSIBILITY GUIDELINES FOR NPS INTERPRETIVE MEDIA FEBRUARY 2012 52

- *UniGuide Standards provide layout grids that help avoid text lines that are too long or too short.*
- *Paragraphs are distinguished by an open line space between them rather than by indenting.*
- *Text is set in a flush-left alignment and hyphens are seldom used, again based on SEGD recommendations.*
- *SEGD guidelines state that “information (layouts) should follow clear hierarchical patterns, and the elements . . . should be sensibly located and follow logical progressions.”*
- *Informational signs in the UniGuide Standards present information in easily understood sequences, beginning with a headline, continuing with a text block that briefly presents the sign’s subject or purpose, and concluding with more details, supplemented by illustrations and symbols as appropriate.*
- *Purely decorative elements are avoided so that text is presented in clearly defined blocks, again based on SEGD guidelines.*

Acceptable Typefaces and their Fonts

NOTE: This is not a complete list

Acceptable for Raised Characters only

Helvetica Neue LT Standard, Thin, Thin Condensed, Light, Light Condensed, Roman, Condensed

Helvetica Neue 45 Light

Univers 45 Light, 47 Light Condensed, Regular, 57 Condensed

Frutiger 45 Light

Acceptable for combined and Raised and Visual Characters

Frutiger 55 Roman

Frutiger 55 Condensed

Frutiger Book and Medium

Gotham Book

Helvetica Neue 55 regular

Helvetica Neue Roman

Helvetica Neue Condensed

Interstate Light and Regular

Interstate Light Condensed and Regular Condensed

Univers Regular, 57 Condensed

Acceptable Visual Characters Only

All of the fonts for Raised and Visual and the following:

Bodoni Roman and Bold

Bodoni Bold condensed

ITC Cheltenham Light through Bold

ITC Cheltenham Light through Ultra Condensed

Abbreviations and Signage Glossary

ADA (Americans with Disabilities Act) Legislation enacted by the U.S. federal government in 1991 with the goal of removing barriers that limit a disabled individual's ability to engage in normal daily activity in the physical, public environment. Title III of the ADA deals with related signage and wayfinding issues.

ADA 2010 Standards (Americans with Disabilities Act Standards for Accessibility Design) A set of U.S. standards enacted in 2010 that adopted the ADA guidelines of 1990 to create standards with the goal of ensuring equal access to public places and facilities for all persons. For signage and wayfinding, the ADA 2010 Standards defines proper letter forms and letter heights for best legibility, proper Braille and tactile lettering forms, and also appropriate signage materials and finishes.

ADAAG (Americans with Disabilities Accessibility Guidelines) A set of U.S. guidelines enacted in 1990 with the goal of ensuring equal access to public places and facilities for all persons. For signage and wayfinding, the ADAAG defines proper letter forms and letter heights for best legibility, proper Braille and tactile lettering forms, and also appropriate signage materials and finishes. These standards are superseded by the 2010 ADA Standards.

Advance Notice Sign A sign indicating the approach of a specific destination such as a highway, street intersection or building entrance. Different to a directional sign in that it announces a single destination. (Also called an approach sign.)

AFF Above Finished Floor or Ground Surface

Ambient Light The sum of all non-directional light in a given area emitted by all sources at a given time. A high level of ambient light can have an impact on a sign's readability, and can be a consideration in a sign's design. Outdoor sunlight creates a high level of ambient light.

American National Standards Institute (ANSI) A private, nonprofit organization in the U.S. that works to develop manufacturing and quality standards across multiple industries. The organization also works with the committees of other nations to develop standards that facilitate international trade and telecommunications.

Animated Sign A sign that uses the sequential switching on and off of graphically arranged fluorescent lamps, cathode tubes, LEDs or incandescents so as to provide the illusion of movement. (See also chase [2].)

Approach The distance at which a sign becomes readable to a viewer to the point where the sign is no longer readable as the viewer passes by.

Approach Sign A sign indicating the approach of a specific destination such as a highway, street intersection, or building entrance. Different to a directional sign in that it announces a single destination. (Also called an advance notice sign.)

Architectural Signage A term used to describe signage in a built environment having the purpose of providing wayfinding or other site specific information.

Artwork Any and all logos, graphics and images used in creating a sign.

Aspect Ratio The width-to-height ratio of an image. For example, a high definition television image has an aspect ratio of 1.78:1 (commonly referenced as 16:9), meaning that for every 1.78 inches of image width the image extends 1 inch in height.

Awning Sign A projecting sign made of non rigid material such as heavy canvas supported by a framework that is attached to a building's substrate. The awning sign extends outward from the building and so provides shaded cover and protection from weather for customers and pedestrians. An awning sign will have lettering and/or graphics painted or screen printed on its exterior surface. It may or not be illuminated. (See also backlit awning and canopy sign.)

Back-to-Back Sign A sign having two faces mounted in opposite directions. Pole signs typically have

Background Panel A sign panel to which text or graphical elements are affixed.

Backlighted Letter An illuminated reverse channel letter where the light from the letter is directed against and reflected off the surface behind the letter thereby producing a glowing effect around the letter. (Also referred to as halo lighting.)

Ballpoint Braille Small plastic or metal beads that can be placed in the face of a sign to create informational Braille text as required by the ADA. (Also known as Braille bullets or Braille beads.)

Banding The appearance of solid bands or patterns of visibly distinct colors within what should otherwise be a continuous and seamless color gradation. Banding can be caused by several factors, including low resolution artwork, a poor quality scan of the original artwork or improper calibration of the printer used.

Banner A sign made of non rigid material such as canvas or vinyl, and typically having no enclosing or supporting framework. Often intended for temporary use, a banner sign can be screen printed or painted, and is commonly hung from a pole or mounted to the facade of a building. (See also flag and pennant.)

Base Plate A flat, thick piece of metal, usually steel and square or rectangular in shape, welded to the bottom of a sign support structure and then anchored with bolts to a concrete foundation or other substructure.

Bench Sign A sign mounted onto, or incorporated into a seat in a public area such as a bus stop bench. (See also street furniture.)

Bevel 1. A slant or angle on a surface. 2. A cut made at the edge of a material to form an angle that is not 90

Bid Package Documents from a prospective customer that state for the contractor the requirements and conditions of the project under bid. These documents communicate such details as design intent, desired materials, installation criteria and other project specifics. They also include standardized bidding forms and bidding instructions. (Also called front end documents.)

Billboard A large (15 square feet in area or larger) outdoor sign used for advertising and typically seen along highways, main streets and other high traffic areas. An advertiser will rent a billboard and display their advertisement on it for a set length of time.

Blade Sign A type of projecting sign mounted such that the face of the sign is perpendicular to the normal flow of traffic.

Blank An uninstalled sign panel with no lettering or graphics applied. (Also called an insert.)

Bleed 1. In screen printing, the term refers to the portion of a printed image or graphic which extends beyond the intended borders of a sign. This excess portion is trimmed away. 2. Sometimes used to describe the halation where sharply contrasting colors meet on an illuminated sign.

Blind Fasteners Fasteners used to mount signs to walls and others surfaces while remaining hidden from view. (Also called concealed fasteners.)

Block Color An area of solid color having no gradation.

Border A line or band of color or material that defines that outer edges of a sign and/or elements within the sign.

Braille A system of small raised dots that represent the alphabet, punctuation and numbers for the visually impaired. The ADA stipulates the use of Braille on signage in certain instances.

Braille Beads Small plastic or metal beads that can be placed in the face of a sign to create informational Braille text as required by the ADA. (Also known as Braille bullets or ballpoint Braille.)

Braille Bullets Small plastic or metal beads that can be placed in the face of a sign to create informational Braille text as required by the ADA. (Also known as ballpoint Braille or Braille beads.)

Branding The process of creating a unique, positive and recognizable identity for a product or service. Along with marketing and advertising, creating a visual identity through signage is an important part of the branding process. (See also brand equity.)

Breakaway Foundation A type of sign foundation that allows a sign pole or other attached support structure to break away cleanly if struck by a motor vehicle, thereby reducing the force of impact to the occupants inside the vehicle. Required by law in many areas. (Also called a frangible sign mount.)

Brightness 1. The perceived amount of light that a visual target emits or reflects. Its relative luminance. 2. The amount of white in a given color. The greater the amount of white, the brighter the color is said to be. Brightness is one of the three attributes of color along with hue and saturation.

Bronze A very strong and durable metal alloy made of copper and tin with traces of other metals such as zinc and nickel. It can be cast for the making of plaques, or fabricated from thin sheets into dimensional letters. Bronze can be finished in a variety of ways including being brushed, polished or lacquered.

Brushed Finish A textured, non-reflective polished finish applied to metal by lightly brushing the surface with an abrasive material or briefly applying a mildly corrosive chemical.

Building Code Regulations issued by state and local governments that establish standards for the construction, modification and repair of buildings and other structures in the interest of public health, safety and general welfare. (See also content neutral time, place and manner regulations.)

Building Mounted Sign Any sign that is applied or attached to a building in some manner.

CAD (computer aided design) Software Advanced software used in engineering and manufacturing to create and modify complex 3D technical drawings of a device and its components.

Canopy Sign A projecting sign made of non-rigid material such as heavy canvas supported by a framework that at one end is attached to a building's substrate and at the other end supported by one or more poles. The canopy sign extends outward from the building and acts as a roof over the area it covers, providing weather protection for customers, pedestrians and possibly even vehicles. A canopy sign will have lettering and/or graphics painted or screen printed on its exterior surface. It may or not be illuminated. (See also awning sign and backlit awning.)

Changeable Copy Panel A panel of a sign that allows for changeable copy. (See also changeable copy sign.)

Changeable Copy Sign A sign where the copy on the face can be changed at will either manually using attachable letters, mechanically using a rotating panel or electronically via computer-controlled bulbs, LEDs or LCD screen, etc.

Clearance The measured distance between the lowest portion of a sign and the highest point of the grade underneath. (Also called height above grade.)

Conforming Sign A sign that has been legally installed in accordance with all applicable federal, state and local regulations.

Conspicuity The effectiveness of sign in standing out from its surrounding environment and capturing the attention of the passerby.

Construction Site Sign A temporary sign, typically large and freestanding, displayed at construction site to promote and provide information about the company or companies involved in the project. These can include the contractor, architect, developer, etc. (Also called a job site sign.)

Content Those sign regulations which specify, without consideration of the sign's content or message, how, when and where a sign can be displayed, including such parameters as height, size and location. (See also building code.)

Contrast 1. The amount of difference between the lightest and darkest areas in an image or scene. 2. The visual characteristics of an object such as size, shape and color that make it distinguishable from other objects near it and the background it is set against.

Copy As a whole, the written message on a sign. (See also artwork.)

Copy Area The area on a sign face that contains the copy.

Decal Screen printed lettering and graphics that can be transferred and affixed to another surface through the application of water or heat.

Design The clear and complete specifications for the appearance, structure and implementation of a sign. A design may include technical drawings, illustrations and written descriptions of the sign.

Design Intent Drawings Drawings of a sign that show the basic size, profile and parts of it, but provide no further design details. Design intent drawings are typically included as part of the bid package from the customer.

Dimensional Letter Any letter, logo or symbol that has a raised profile in relation to the sign substrate.
Direct illumination Illuminating a sign by means of an external light source directed at the sign face. (See also exterior illuminated sign.)

Directional Sign A sign providing information, either written or visual, that helps direct a person to a destination.

Directory Sign A sign that provides an organized list of names of people, offices or facilities located within a given building or area. Usually located at a public access point such as a building lobby, a directory sign may provide simple text listings or also include maps and other wayfinding information.

DOT (Department of Transportation) Symbols The set of standardized symbols developed by the U.S. Department of Transportation (DOT) for use in traffic signs.

Double-Faced Sign A sign having two faces mounted in opposite directions. Pole signs are typically doubled-faced.

Drop Shadow The visual effect of creating a false shadow behind a letter or object by placing a darker colored but identically shaped copy of it behind it but slightly offset up or down and to one side.

Electric Sign Any sign that contains and utilizes electrical components.

Electro-Mechanical Sign A type of message center sign where an electrically driven mechanical device rotates or flips between two or more panels with different messages.

Electronic Display Generic term for any type of electronic programmable display. (See also LCD sign.)

Electronic Message Center (EMC) A variable message sign that utilizes a computer or other electronic controlled means to change and control the message displayed. May use incandescent lamp LCD, LED or other display technologies.

Elevation A scale drawing of an exterior side of a given structure such as a building or sign.

Embellishment In signage, it refers to any element of a sign face that provides a decorative effect.

Emboss To create raised lettering or graphics in relief on the substrate of a sign through stamping, hammering or molding.

Engrave To incise (cut) a design into the surface of hard material such as metal using a handheld or machine controlled tool called a burin.

Entrance Canopy A type of canopy or awning that covers and identifies the entrance to a building or place of business.

Exterior Illuminated Sign A sign that is illuminated by an external light source directed at the sign face. (See also direct illumination.)

Fabricate To manufacture a sign or major sign components.

Facade The exterior walls of a building, especially the front or the most prominent side of the building.

Face Typically refers to the most prominent message area of a sign but may refer generically to any message area. (Also called sign face. See also panel.)

Fascia Sign A sign mounted to a wall or other vertical surface. A flat sign that is mounted on a wall and the face of which runs parallel to the wall. A fascia sign does not typically project from the wall.

Fasteners General term for nuts, bolts, clips and any other mechanical device that helps hold a sign together.

Flag A sign made of non rigid material such as canvas or vinyl, and having no enclosing or supporting framework. A flag is usually rectangular or triangular in shape, and is attached at one end to a pole. Often intended for temporary use, a flag can be screen printed or painted. (See also banner and pennant.)

Flashing Sign An illuminated sign having an intermittent or flashing light source as a means of drawing attention to its message.

Flat Cutout Letter A non-illuminated letter cut from a metal sheet or plate stock.

Flat Screen Generic term for an LCD display.

Fluorescent Lamp A light source consisting of a glass tube lined with a phosphor coating and filled with mercury vapor. When an electric current is applied, the gas emits ultraviolet radiation that in turn excites the phosphor coating causing it to radiate visible light. Fluorescent lamps are more energy efficient than incandescent lamps.

Font A set of letters and numerals sharing the same design characteristics. Examples of font sets include Times New Roman and Arial. (Also called typeface.)

Footing The base of a sign's supporting structure. The footing is typically secured to a foundation or other anchor such as a building's roof.

Foundation A concrete substructure that anchors a sign and its supporting structure to the ground. (See also footing.)

Freestanding Sign A sign that is not attached to a building, has its own support structure and is typically secured to a foundation or with guy wires.

Frequency The number of times a typical viewer has the opportunity to see a sign and its message over a given period, typically four weeks.

Front End Documents Documents from a prospective customer that state for the contractor the requirements and conditions of the project under bid. These documents typically communicate such details as design intent, desired materials, installation criteria and other project specifics. They also include standardized bidding forms and bidding instructions. (Also called bid documents.)

Front Lighted Letter An illuminated channel letter having a translucent face.

Galvanized Steel Refers to steel that has been coated with a thin layer of zinc for corrosion protection.

Gateway Sign A sign marking the entrance to a town, neighborhood, development, park or other public area. (Also called precinct sign.)

Gauge A unit of measurement for the thickness of sheet metal or wires. The lower the gauge number the greater the thickness.

Glare Any direct or reflected light within your field of vision that is sufficiently bright enough to cause visual annoyance, discomfort or obscuration.

Gloss An indicator of the amount of light reflected by the finish of a surface. A high gloss finish reflects 80-90% of the light directed at it. Semi gloss 50-75%. Satin 30-45%. Matte finish 5-15%.

Glossimeter A device used to measure the amount of light reflected off a given surface. (See also gloss.)

Gradation The smooth transition from one color to another color, from black to white, or from color to the absence of color. (Also called gradient.)

Grade The elevation or contour of the ground at a particular location. (See also height above grade.)

Gradient The smooth transition from one color to another color, from black to white, or from color to the absence of color. (Also called gradation.)

Ground Sign A freestanding sign that is not secured to a foundation or other secondary support structure.

Halation A halo-like effect can result from extreme contrast between adjacent illuminated and non-illuminated portions of a sign. The light appears to spread or bleed across the non-illuminated area, making it more difficult for the viewer to focus on the sign and its message.

Halftone The process by which a continuous tone image such as a photograph is reproduced and simulated using a pattern of printed or silk screened dots of varying size and equal spacing. At a normal viewing distance the reproduced image appears as continuous tone.

Halo A glowing ring of light surrounding a object such as a channel letter which has been lit from behind. (See also halo lighting.)

Halo Lighting A type of sign lighting where a light source located within or behind a sign is allowed to reflect off the mounting surface. The result is that the sign appears to be surrounded by a halo of light.

Hanging Sign A projecting double-faced sign mounted to a wall or pole and hung from a bracket or support arm. (Also known as a projecting sign.)

Height The measured distance between the highest point of a sign to the highest point of the grade underneath the sign.

Height Above Grade The measured distance between the lowest portion of a sign and the highest point of the grade underneath. (Also called clearance.)

High-Rise Sign A freestanding sign tall enough to be seen from a distance, especially by motorists.

Hinged Side The hinged side of a double-faced sign. When opened it provides access to the interior of the sign allowing for the inspection and servicing of its internal components. (See also access door.)

Hue A given color's tendency towards any of the four base wavelengths of visible light: red, yellow, blue and green. For example, if yellow appears more dominant in an orange colored ink, then that color orange would be said to have a yellowish hue. Hue is one of the three attributes of color along with brightness and saturation.

Identification Sign A sign that identifies a permanent room, area, or space

Illuminance The amount of light falling on a surface expressed in lumens.

Illuminated Awning An awning sign that is lit from underneath by fluorescent or other high output lighting. The light shines through the awning fabric illuminating whatever text or graphics are on it and providing effective nighttime readability. The light emanating from underneath the awning also provides light to the sidewalk or street below. (Also called backlit awning. See also awning sign and canopy sign.)

Illuminated Sign A sign where the sign face is illuminated in some manner. (Also called backlit sign. See also internally illuminated sign and exterior illuminated sign.)

Incandescent Lamp A lamp that contains a wire filament (typically made of tungsten) that produces visible light when heated by an electric current to the point of glowing.

Incidental Sign A sign intended for informational purposes as opposed to commercial or advertising purposes. Typically smaller in size, examples of incidental signs include parking signs, restroom signs and entrance and exit signs.

ISA International Symbol for Accessibility
https://segd.org/sites/default/files/14_segd_accessibility_symbols_art.pdf

Interior Sign Any sign located within a building or structure.

Internally Illuminated Sign A sign that is illuminated by a light source contained within the sign structure or housing. (See also backlit sign and exterior illuminated sign.)

Italic A font style characterized by a distinct slant in the letters and numbers. (Example: ABC123.)

Kerning The act of moving printed or mounted letters further apart or closer together in order to achieve a desired effect. (See also letter spacing, tracking and justified.)

Kick Plate A metal or plastic plate placed along the bottom of a sign structure in order to protect its surface against damage from kicking or other light to moderate contact.

Kiosk A small, freestanding structure traditionally used for the posting of temporary signs and notices. May also be equipped with an interactive computer screen and provide services such as event ticket sales.

Laminate Laminated materials are made of two or more plies fused together under a combination of heat, pressure, and adhesives. There are many laminates designed to be used with specific materials for different purposes.

Layout The overall arrangement of the graphics and lettering on the face of a sign.

LCD (Liquid Crystal Display) A type of flat panel display that recreates an image or message through the manipulation of electrically sensitive crystals suspended in a liquid medium. Commonly used in electronic message centers.

LED (Light Emitting Diode) A small electronic device that emits light when electrically charged. In computer controlled arrays, LEDs can be used to create an electronic message center.

Letter Spacing A typographic term for the space between letters and words.

Life Safety Signs Signage that conveys life-saving information such as important fire, security and evacuation information. The specific types of life safety signage required are determined by local, state and federal regulations.

Light Box A sign that is self enclosed in a typically square or rectangular structure and houses an internal light system for illumination of the sign face. (See also box sign.)

Light Reflectance Value (LRV) An indication of the relative amount of light reflected by a given color. For example, yellow has a higher LRV than blue.

Line Spacing A typographic term for the space between lines or blocks of text.

Low Profile Sign A freestanding sign built close to the ground or on top of a base sitting directly on the ground. Often incorporates the support structure into the overall design. (See also monument sign.)

Low Voltage Voltage not exceeding 1000V AC or 1500V DC between conductors, or 600V AC or 900V DC between conductor and ground.

LRV (Light Reflectance Value) An indication of the relative amount of light reflected by a given color. For example, yellow has a higher LRV than blue.

Lumen A measurement of light output. One lumen equals the amount of light falling on a one square foot area located one foot away from a single candle.

Luminance The intensity of a light emitted by a source as measured in a given direction. Luminance is a measure of the amount of light only. It is expressed as footlamberts or candelas per square foot or meter respectively.

Luminance Ratio With an illuminated sign, some areas of the sign face will have a higher luminance than others. The difference in luminance between any two areas is referred to as the luminance ratio.

Luminescence The quality of emitting light by absorbing radiant energy from another source and converting it into a visible wavelength. (See also fluorescent lamp.)

Luminous Efficacy The amount of light produced by a lamp as measured in lumens compared to the amount of energy the lamp consumes.

Mall Signage A general term for on-premise signs located within a multi-tenant building or mall.

Margin The space between the any lettering or graphics and the border of the sign face.

Marquee Sign A permanent structure attached to the front of a building and which incorporates a large message center. Typically illuminated and often ornate in design, a marquee sign projects over the entrance of the building and provides a canopy over at least a portion of the sidewalk or street. Marquee signs are often used by movie theaters and concert halls.

Matte Having a dull or non-shiny surface or finish.

Memorial Sign A sign, typically a plaque, which commemorates a person, place or event.

Menu Board A changeable point-of-purchase sign that provides a list of products and prices. It is a type of sign commonly seen in sandwich shops and other fast service restaurants where it is used to display the menu. (See also variable message sign.)

Message Area Any segment or surface of a sign that conveys meaning to the viewer either through words or graphics.

Message Center Any sign designed such that the copy (message) can be changed as needed through mechanical or electronic means. (See also variable message sign.)

Mock-up A full scale model of a structure. A sign mock-up is created to test and review in detail the appearance, legibility and other aspects of a final design. It is typically made of cheaper, less durable material than the final sign but given the same colors and finishes. (See also model.)

Model A scaled version of a structure. Typically, sign models are substantially smaller than the actual sign it represents, and are used during the design process to test and review different design concepts.

Molding A decorative strip of metal or wood that frames the outer edge of a sign. Molding can be simple or ornate in style.

Monolith A structure created out of a single mass of material such as a block of granite or marble, or formed concrete.

Monument Sign A freestanding sign that stands directly on the ground or ground level foundation. A monument sign is often used to mark a place of significance or the entrance to a location. (See also low profile sign.)

Mottled Term for a surface or finish that is marked with irregular patches of color.

muntz metal A type of brass alloy that has good casting and hot-work properties, and is resistant to corrosion. Commonly used for the making of plaques. (Also known as alpha-beta brass and yellow metal.)

Mural A wall surface that has been decorated with a direct application of paint, tile or printed graphics.

Nameplate A small wall-mounted or freestanding sign made of plastic or metal that states the name, occupation and/or title of the occupant of an office, desk or building.

Negative Space Empty or unused space (having no lettering or graphics) within the sign face. (Also called white space. See also positive space.)

OSHA (Occupational Safety and Health Administration) A U.S. federal government agency that monitors and enforces workplace safety laws.

Painted Wall Sign A sign that is painted directly onto an exterior wall of a building.

Pennant A triangular flag. (See also banner.)

Permanent Sign Any sign that is affixed to a building or structure in such a manner as to give it the support necessary to resist environmental loads over time and to preclude easy removal.

Pictogram A symbol or simple illustration used to represent an object or concept. Commonly found in ADA and DOT signage. An example of a pictogram would be the wheelchair symbol seen on some ADA signs, the presence of which indicates a handicap accessible location.

Planning Permission Authorization required from the Local Planning Authority to install an illuminated sign or billboard. (See also permit.)

Plaque An inscribed, commemorative plate or tablet, usually of metal, placed on a building, monument or the like.

Plasma Screen A type of flat-screen digital image display which is uniformly flat and less than five inches deep and uses gas plasma technology.

Plywood A common type of wood product sold in 4' x 8' sheets. Plywood is made of a number of thin sheets of wood laminated together with the grain of the adjacent layers perpendicular, except for the two outside plies, which are parallel to provide stability.

PMS (Pantone Matching System) A standardized color scheme used in the printing industry to ensure the consistency of color from design to final print.

Point-of-Purchase (POP) Sign In-store advertising designed to stimulate impulse purchases by shoppers inside a store. The term applies to a store's internal sign system, as well as special displays and dispensers created by and for specific product manufacturers. Also known as "point-of-sale advertising."

Pole Sign A freestanding sign, usually double-faced, mounted on a round pole, square tube, or other fabricated member without any type of secondary support.

Portable Sign A freestanding, on-premise sign, not designed to be permanently affixed in place. These could include free-standing signs or notices as well as point-of-purchase signs.

Portrait Format Proportion of a sign in which height is appreciably longer than width. (See also landscape format.)

Positive Space The copy and art on a sign face. The opposite of negative space.

Post and Panel Sign A sign panel with one or more posts.

Post Mounted Sign A sign that is attached to one or more sign poles.

Poster 1. A series of paper sheets printed for use on a billboard. Other substrates used for posters include plastic and cloth. 2. Also, a sign typically printed on paper and intended for indoor use. Other substrates used for posters include plastic and cloth.

PPI (Pixels Per Inch) The number of pixels in a raster image that will occur in one line in the span of one inch. The higher the PPI, the greater the resolution and the less distinguishable each pixel becomes.

Precast Concrete Steel-fiber or glass-fiber reinforced concrete cast in a mold.

Precinct Sign A sign marking the entrance to a town, neighborhood, development, park or other public area. (Also called gateway sign.)

Primary Colors The three colors from which all other colors can be created. In paint pigments, the primary colors are yellow, red and blue. In four-color process printing, all colors are mixed from yellow, magenta(red) and cyan(blue). In light, the primary colors are red, green and blue. See also RGB display, additive colors.

Prototype Usually a full-sized sample that uses final materials, methods of construction, fasteners and finishes to test assembly, design, construction and appearance issues. Also used approve the "first sample" in a long production run.

Public Path A heavily used route, including corridors and public elevators, that connects public destinations.

Readability The quality of a sign's overall design that allows the viewer to correctly interpret the information presented on it. Also, the optimum time and distance in which this can be done. Letter size and style, legibility of typeface, color contrast between letters and background, and a sign's layout all contribute to readability. (See also **conspicuity**.)

Readerboard A readerboard is a sign on which copy can be changed manually. It usually consists of a panel on which individual letters or pictorials are mounted. Like a window sign, it can advertise special prices or items. It can also be placed so that it can be easily seen from a passing motor vehicle.

Recall In signage, this refers to the ability of a viewer to remember the message even when they are not viewing it.

Recognition Refers to the ability of a viewer to identify the message.

Regulatory Sign Signs installed by various government bodies to inform the public of traffic laws and other regulations.

Relief The projection of art from a flat surface. The shortened form of "bas-relief."

Resolution 1. In digital images, the number of pixels shown on a screen; the higher the number of pixels in a given space (i.e., the greater the density of pixels), the more precise the pictured image. 2. In plotting, the degree of accuracy with which a plotter will place a knife-head in relation to a theoretical, perfect location of a coordinate.

Retractable Awning A cantilevered structure, entirely supported from a building, and constructed so that the awning cover and supporting frame retracts completely against the building. This relieves the awning from wind, rain and snow pressure and loads normally associated with extended fixed frame awning or canopies.

Sandwich Sign A moveable sign not secured or attached to the ground or surface upon which it is located, but supported by its own frame and most often forming the cross-sectional shape of an A. (Also known as sidewalk sign.)

Sans Serif Any typeface that lacks serifs. In most sans serif fonts, there is little differentiation between the width of strokes within the letter. Helvetica and Futura are familiar sans serif fonts.

Schematic Design A conceptual design developed at the beginning of a project which demonstrates a design approach or strategy. (Also known as schematics.)

Scoring Cutting or notching a material prior to bending it. Sufficient scoring of some substrates will also allow them to be broken cleanly without cutting them all the way through.

Serif A small line or embellishment finishing off the strokes of letters in some fonts (like this one). Well-known serif fonts include Souvenir, Times Roman and Garamond.

Shade A color made darker than the original by adding black to it.

Shadow Duplication of an image that is slightly offset. Drop shadow is a simple copy and offset; block shadow joins the outlines of the original and duplicate to create a 3D-relief effect; and cast shadow alters the shape and size of the duplicate to imitate shadows cast from varied placement of light, as the sun does on a sundial.

Shop Drawings Drawings prepared by trades to describe the quantity, shape, size, materials and other details of a product's construction. In signage, it refers to drawings prepared by fabricators describing their intended methods of construction and sequence of assembly to be reviewed by designer and owner for approval prior to construction and fabrication. Shop drawings help assure that the original design concept is accurately carried out in the construction process.

Sidewalk Sign A moveable sign not secured or attached to the ground or surface upon which it is located, but supported by its own frame and most often forming the cross-sectional shape of an A. (Also known as sandwich sign.)

Sign Any device, structure, display or placard which is affixed to, placed on or in proximity to, or displayed from within a building to attract the attention of the public for the purposes of advertising.

Sign Code A sign code may be part of a government body's land use planning regulations, or it may be a separate document designed to interact with other land use codes. As part of the police powers granted to local governments, a sign code normally seeks to promote the health, safety and welfare of the public. Sign codes may regulate size, placement, illumination, structure and aesthetics of sign content and design.

Sign Face Typically refers to the most prominent message area of a sign but may refer generically to any message area. (Also called face. See also panel.)

Sign Location Map Usually a site plan or floor plan indicating where signs will be placed (called "sign locations").

Sign Location Plan See sign location map.

Signage Interchangeable terms used to describe signs. Any group of posted commands, warnings, information or directions.

Signature Building Architectural design of a building or structure that reinforces signage.

Specifications May include General Requirements, Products and Execution sections for sign specification package. Similar to architectural construction format per CSI (Construction Specifications Institute) standards.

Spotlight A source of illumination for an extremely illuminated sign; a lamp with a strong focused beam directed toward a sign.

Star of Life The asterisk symbol, indicating exit level, showing preferred route for gurney, emergency egress, etc., **required by ADA** next to floor indication on elevator control panels and elevator jambs.

Street Furniture Advertising displays, many which provide a public amenity, positioned at close proximity to pedestrians for eye-level viewing or at a curbside to reach vehicular traffic. (See also bench sign.)

Stroke A single movement of the hand or arm, or of a marking tool. Stroke refers to a pass of the squeegee in screen printing, and a pass of the brush in painting. (See also stroke width.)

Stroke Width The width of the major lines comprising a letterform. A wider stroke width is used to make a bolder letter; a narrower stroke width is used to make a lighter letter.

Structure In the sign industry, a fabrication designed for and capable of supporting a sign. Can refer to internal or external skeleton (exoskeleton) of sign as well as support pole or mechanism.

Substrate The material out of which the face is made. Wood, metal sheeting, paper and acrylic are some examples of sign substrates.

Tactile Sign A sign, or an area within a larger sign or area, that conveys its message through raised or engraved artwork, making it accessible to the visually impaired. Required by A.D.A. for all permanently identified rooms

Telecommunications Device for the Deaf (TDD) This communication system enables visual typographic messages to be transmitted and received over telephone lines. The ADA requires use of symbols to show where TDD unit is available.

Temporary Sign Any sign that is not intended to be permanently installed. Banners and signs at construction sites are good examples of temporary signs. Often, sign codes seek to limit the length of time a temporary sign can remain in place.

Three-Dimensional (3D) Engraving A routing procedure where the tool bit can be moved independently along the up-and-down z-axis while still traveling an x/y-axis tool path. 3D engraving can create relieves and hand-chiseled looks while removing material from a substrate.

Tint A color made lighter than the original by adding white to it.

Tone The effect on a color brought about by blending it with another color.

Touch Screen Computerized CRT or LCD screen directory or information station that is activated by touching the screen.

Typeface A set of letters and numerals sharing the same design characteristics. Examples of font sets include Times New Roman and Arial. (Also called font.)

Variable Message Sign A sign on which the copy can be changed, either manually through the use of attachable letters (usually plastic) or electronically using incandescent bulbs or light emitting diodes. (See also marquee sign, readerboard, changeable copy panel, changeable copy sign, electronic message center, menu board.)

Visibility The quality of a letter, number, graphic, or symbol, which enables the observer to distinguish it from its surrounds or background.

Wall Mounted Sign A single-face sign mounted on a wall. (See also wall sign.)

Wall Sign In the most literal sense, a sign that is painted on a wall. The term is often expanded to include flat signs that are placed on or attached to the wall of a building. These latter signs are also called fascia-mounted signs and wall mounts. (Also known as a wall mounted sign.)

White Space Empty or unused space (having no lettering or graphics) within the sign face. (Also called negative space. See also positive space.)

Word Space Horizontal space between words.

X-Height In a given typeface, the height of the lowercase letters which do not have ascenders or descenders.

6. Website Review

City of Taunton

Website Review Report

The screenshot shows the City of Taunton website homepage. At the top, there is a navigation bar with the city name and a search box. Below this is a 'Citizen Action Center' section with icons for 'Online Payments', 'Forms & Documents', and 'Online GIS'. A main navigation menu includes 'ABOUT TAUNTON', 'MAYOR'S OFFICE', 'CITY COUNCIL', 'DEPARTMENTS', 'BOARDS & COMMISSIONS', and 'HOW DO I?'. The main content area is divided into three columns: 'QUICK LINKS' (Hours & Directions, Calendars, Residents, Businesses, Visitors, Schools, Contact Us, Return Home), 'ADDITIONAL LINKS' (Employee Login, Taunton Daily Gazette, Submit a Community Calendar Event, Taunton Public Schools, City Council Minutes, Taunton Emergency Management Agency, 2014 Sign & Awning Program Information, Affirmative Action, Hometown Talk Radio WVBF 1530AM, Bristol Plymouth Regional Technical High School, City Council Agendas, Bristol Community College, Mayor's City Charter Advisory Committee, Previously Televised City Meetings now available on demand here), and 'CITY NEWS' (Real Estate and Excise Tax Payments Due, Star Theater Demolition Detour Information, Santa's Hours on the Taunton Green this Season, 2014 Thanksgiving Drive). A 'CITY CALENDAR' for December 2014 is also visible, showing dates from 30th to 16th. The footer contains the City of Taunton logo, address (141 Oak Street, Taunton, MA 02780), phone number (508) 821-1000, and links for Website Disclaimer, Privacy Policy, and Virtual Towns & Schools.

Prepared by
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December 1, 2014



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Executive Summary

The *'Taunton-ma.gov'* website contains a number of features that enable users with a wide spectrum of abilities the opportunity to access information about the City of Taunton and the many programs, services and benefits offered through the website. Currently, it meets some applicable portions of the World Wide Web/Web Accessibility Initiative (W3C-WAI) Web Content Accessibility Guidelines (WCAG 2.0) and Section 508 of the Rehabilitation Act, but does not fully meet these web accessibility standards. The standards presented in Section 508 and the W3C/WAI's WCAG 2.0 provide the most robust set of guidance for a website that works well for users with the widest range of physical, sensory or cognitive abilities. Cities have no obligation to comply with Section 508 which is limited to federal agencies but the guidelines have been commonly used as a measure of web accessibility.

Requirements for non-discrimination in web information

The U.S. Department of Justice (DoJ) has clarified expectations that the websites of state and local governments are covered by ADA Title II as well as under Section 504 for recipients of federal financial assistance. <http://www.ada.gov/websites2.htm>

Though the obligation is not ambiguous, the DoJ is expected to revise the regulations implementing ADA Title II relative to the accessibility of web information and has sent them along in July of 2014 to the Office of Management and Budget (OMB), a final step before issuing them. The DoJ is responding to the need for clarification in the face of inconsistent court decisions, differing standards for web accessibility, and calls by people with disabilities to end any misperceptions about the requirements.

Given the significance of web-based information for residents interacting with local government, web accessibility should also be viewed as an obligation to non-discrimination for state and local governments under the overarching responsibility to ensure “programmatic

access” to people with disabilities and as a responsibility to provide “effective communication,” a core administrative responsibility under both Section 504 and the ADA.

Web Content Accessibility Guidelines - WCAG 2.0

Web Content Accessibility Guidelines (WCAG 2.0) are the most commonly recognized standard for web accessibility globally. It is published and maintained by the **World Wide Web Consortium**, an international community where member organizations, a full-time staff, and the public work together to develop web standards. Led by web inventor Tim Berners-Lee and CEO Jeffrey Jaffe, W3C's mission is to lead the web to its full potential. The first design principle that guides W3C's work is: Web for All.

The social value of the web is that it enables human communication, commerce, and opportunities to share knowledge. One of W3C's primary goals is to make these benefits available to all people, whatever their hardware, software, network infrastructure, native language, culture, geographical location, or physical or mental ability.

Web Content Accessibility Guidelines (WCAG) 2.0 covers a wide range of recommendations for making web content more accessible. Following these guidelines will make content accessible to a wider range of people with disabilities, including people who are blind or low vision, deaf or hard of hearing, or who have learning disabilities, cognitive limitations, limited movement, speech disabilities, photosensitivity and combinations of these. Following these guidelines will also often make your web content more usable to users in general.

There is a global trend toward bringing the mix of guidance on web accessibility into agreement – “harmonization” – so that shared guidance will result in reliable and predictable accessibility across more nations.

Synopsis of Taunton-ma.gov

Users with disabilities, including those with low or no vision, limited or no hearing, physical /motor impairments will find that portions of the website are accessible but they will encounter difficulties with the usability or ease of use of certain aspects of the site. The website has some accessibility features but the navigation proved to be especially challenging for user/expert testers with low vision or no vision. The lack of HTML markup like headings makes it hard for the user to navigate and access information. In addition, some challenges were encountered regarding the vocabulary used and the lack of consistency across the website. A series of simple improvements could ease the experience of all site visitors across the spectrum of abilities.

Overview of Web Evaluation Process

The Institute for Human Centered Design (IHCD) conducted a review of the *Taunton-ma.gov* website in order to identify any significant and recurring accessibility and usability problems. The basis for the review was under the guidance from the W3C-WAI's WCAG 2.0 guidelines, guidance from the Section 508 of the Rehabilitation Act, and IHCD's expertise in universal or inclusive design. IHCD's review focused on central functions, key pages, and navigation throughout both of the websites.

Objectives

The objective of this website review was to learn how the experiences for the *Taunton-ma.gov* website could be improved for all visitors, but specifically, for people that experience functional limitations such as low/no vision, cognitive limitations, and dexterity or other physical limitations.

Method of Evaluation

IHCD's primary research method is contextual inquiry research. This method focuses particularly on the engagement of 'user/experts,' or people with functional differences that

vary from the norm who experience every day how design fails and who can help to provide guidance on solutions (Ostroff, 1997). The evaluation procedure for the websites involved using a variety of assistive-technology tools and methods such as screen readers, screen magnifiers, engaging with a variety of user/experts, and conducting an expert review. Additionally, the site was reviewed on a variety of platforms, different browsers, and operating systems.

IHCD used an array of methods to evaluate the website including:

- The use of the following automated evaluation and validation tools: A checker, WAVE Accessibility Toolbar
- The testing of our own staff expert using manual testing techniques, including disabling Javascript, CSS, Contrast analyzer and other web applications on a page-by-page basis to assess accessibility.

Profile of User/Experts

The following table provides a brief profile of the four (4) user/experts that assisted with the *Taunton-ma.gov* evaluation. Understanding how different users navigate through website with a range of abilities and assistive technologies helps to frame the significance of the identified issues and recommended solutions. One of the User/Experts is a resident of Taunton and had some experience using the website in the past.

| User/Expert | Age | Functional Limitation | Individual characteristics for navigating websites |
|-------------|-----|--|---|
| Joan | 62 | She has gaps in her vision; she can see the middle of the screen but has no peripheral vision. She sets the magnifier in her browser to 125% | Appreciates clear and simple layout of websites; Uses the web extensively for getting information. Due to her lack of peripheral vision, she will often miss information or navigation elements if the page layout is not consistent, and things are not where she expects them to be; not as tech savvy as the other user/experts. |

| | | | |
|---------|----|---|--|
| Jade | 20 | Totally blind since birth, Primarily uses Mac and iOS devices (iPhone) with VoiceOver screen reader | By using the TAB function, she navigates through links on the website. She primarily uses headings to navigate through a page, she likes when they are grouped in logical ways. She also navigates by a list of links or looks for specific links, buttons, and text areas. She considers herself to be a “technology enthusiast,” and began using assistive technologies from an early age. |
| Jenaya | 36 | Legally blind, primarily uses screen magnifier (ZoomText v.10.0.2) with Windows operating system | Uses ZoomText for magnification and increased contrast through very low-level screen reading, looking only at portion of the screen at the time. She appreciates when a webpage has good contrast. |
| Jackson | 17 | Has Autism Spectrum Disorder, learning disabilities, and uses Microsoft Windows operating system with no assistive technology | Early adopter of the internet and confident with technology, he uses the browser functionality extensively (Google search/back button) rather than the website functionality. He likes when things are well organized in a ways that makes sense. Prefers to use lists to find information (especially when they are organized alphabetically), alternatively, he uses the search function. It is more challenging for him to get information from visually arranged elements, like tables, or to read long text when there is not much white space on the page. |

Context of Use in the Test

Each User/Expert was provided with a list of selected webpages to review. Then they were asked to review the pages in the method that was most natural to them. Most of the participants accessed the website through their personal computers or work computers. The participants tested the website using different browsers (e.g., Internet Explorer 10, Safari, Mozilla Firefox, Chrome) and platforms (e.g., Windows and IOS). The participants used their own assistive technology, including screen readers (e.g., VoiceOver, JAWS 14, NVDA) and screen magnifiers (Zoomtext & Safari built-in zoom application).

Tasks

Then, the User/Experts were given a set of tasks to perform in the website such as find information about services offered by the city, provide their feedback on portion of the site, subscribe to an event, and a few others. This made them focus on several key pages, noting their experiences with navigation and accessing specific types of features such as menus, forms, search fields and specific types of content such as linked documents. Each User/Expert provided feedback on certain aspects of the website that worked well and those that did not work well for them according to their individual style of navigating and accessing content in websites.

Below is a list of the general questions that were presented to each of the User/Experts. Follow-up questions were provided in response to specific issues or challenges that users individually encountered during their individual review.

Participant General Questions

- If you are using an assistive device, what type are you using?
- What was your experience navigating through the various links and pages on the website?
- Were you able to access any interactive features such as search or forms?
- Were you able to access any content in video or image format?
- What did you like about the layout of the website?
- What did you not like about the layout of the website?
- What are your recommendations for improving the website?
- Were you able to locate general information about accessibility for the Town of Arlington?

Expert Review Tools

For the expert review, IHCD staff primarily used screen reader software (JAWS, NVDA and VoiceOver), screen magnifier software (ZoomText 10), along with a variety of online tools to check the accessibility of the website. These were used, in some cases, to try and re-create issues that the User/Experts encountered in navigating through the website.

Experiment Design

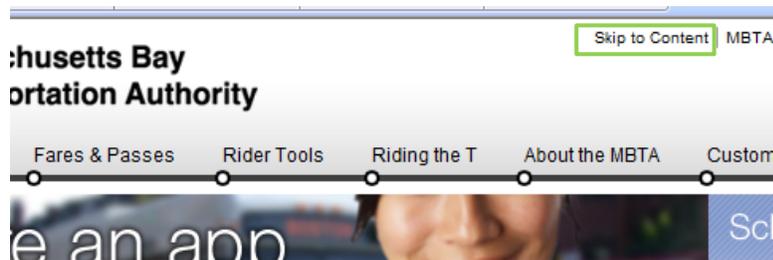
Aside from providing a list of which parts of the website to access and a general set of post-review questions, User/Experts were not provided specific instructions. This was done in order to ensure that the feedback obtained would be based on each User's natural navigation pattern.

Review of Key Findings

Use appropriate headings. A persistent lack of heading structure was the most frequently cited issue by User/Experts with low vision and no vision encountered while using the Taunton website. While the primary purpose of headers are to denote section breaks in webpages, screen readers and other assistive technology users have the ability to navigate web pages by structure. This means the user can read or jump directly to top level elements at heading level 1 (<h1>), next level elements at heading level 2 (<h2>), third level elements at heading level 3 (<h3>), and more. Viewing or listening to this outline would provide them a good idea of the contents and structure of the page much in the same way that a sighted user would visually scan an outline. A number of the User/Experts commented that navigation works better on websites where heading structure was provided. Most of the pages under *Taunton-ma.gov* did not make use of this important HTML markup feature.

Use "Skip Navigation to Content" links effectively: "Skip Navigation Links" provides a standard method to allow users to bypass lengthy navigation links and access core content. Many accessible websites are able to incorporate an invisible or visible 'skip navigation to main content' link so that a screen reader user can quickly access the main content of the page. On *Taunton-ma.gov* homepage, there is a "skip to main content" link, but the anchor for the link does not exist. Each page should have one Skip Navigation Link and that link should be located as close as possible to the main header of the web page. Also, it would be beneficial to have visible Skip Navigation Links because even users who navigate using keyboard-only access

(tabbing through) would find this feature useful. Below is an example of a website with a visible Skip Navigation Link.



Example of a website with a visible 'Skip Navigation to Content Link'.

Label all images with descriptive information: All images should have associated alternative text. In instances where the image is not significant to understanding the content of the page (decorative image), it is acceptable to enter a null Alternative Text. On *Taunton-ma.gov*, most of the images are labeled with alternative text, but sometimes lack descriptive information.

Find details about how to provide adequate alternative text here:

<http://webaim.org/techniques/alttext/>

Use appropriate font sizes: Make sure font sizes can be increased independently of the styling on a webpage, and the default text is *at least* 9-10 points/pixels high. A size of 12-14 points/pixels for body is generally recommended for body text (depending on audience). It is also important to keep in mind that different fonts vary in size (some 11 point fonts look like 12 point and vice versa). The WCAG Guidelines recommends text can be zoomed to 200 percent. Use relative font sizes to ensure the text can scale. See guidance from WCAG 2.0 1.3.4 regarding text sizing: <http://www.w3.org/TR/WCAG20/#content-structure-separation>

Provide enough contrast throughout the website: Most links, text, and buttons on Taunton's website use a green font usually with a green background. Poor contrast presented an issue for both the User/Experts with low vision and the older User. Make sure to provide sufficient color contrast for text throughout the entire website. The WCAG 2.0. Guidelines requires a contrast ratio of at least 4.5:1 for small text and at least 3:1 for bigger text. To check the color contrast when developing your page, this tool developed by Paciello group:

<http://www.paciellogroup.com/resources/contrastanalyser/>

Use CSS styling instead of tables to visually layout blocks of related content: Tables should be used only for organizing data in rows and columns. The Taunton website uses tables extensively to visually organize the pages. This creates issues for assistive technology users. Use CSS (cascading style sheet) styling, instead of tables and nested tables to visually lay out blocks of related content for graphical rendering. The use of tables for the layout of the menu and several graphical element-like forms is not recommended and will considerably slow down the navigation for the visitor with no vision who is using a screen reader.

Use a consistent layout throughout the website: Use a consistent layout for all the pages, and make sure there are elements that the user can rely on for the entire navigation (e.g., footers are consistent across all pages, search boxes and menus are always in the same location on the pages). As recommended by WCAG Guideline 3.2, ensuring repeated components occur in the same order on each page of a site helps users become comfortable so they will be able to know where to find things on each page. This will considerably ease the experience of visitors with cognitive disabilities as well as older users and users who visit the site for the first time. More information can be found here: <http://www.w3.org/WAI/GL/UNDERSTANDING-WCAG20/consistent-behavior-consistent-locations.html>

Ensure documents offered on the website (e.g., PDF, Word document) are accessible:

Every document on the website in a PDF format should be accessible to screen reader users and users with low vision. If the PDF is a fillable form, make sure to create an accessible fillable PDF. Adobe Acrobat provides many easy tools to include accessibility features into your document and make them conform to both section 508 and WCAG 2.0. Guidelines. See this link for more detailed information:

<http://www.adobe.com/accessibility/resources.html>

Identify a logical tab order: Ensure that all content can be accessed with the keyboard alone. The Taunton website uses Tab-index extensively to create a navigation order throughout the page. We do not recommend this because people who use screen readers are susceptible to

getting confused by illogical tab orders. For one thing, an altered tab order creates a situation in which the normal reading order does not match the tab order. Sighted keyboard users may become disoriented as the navigation seemingly jumps around the page. The best way to fix tab order and reading order is to amend the order of the content in the markup itself. Use the Tab-index only if the natural flow on the page affects the comprehension of the website.

Use form labels to appropriately correspond with input fields:

Users with disabilities, especially those who are blind or visually impaired, need to know the purpose of a specific form control and how to interact with it. Numerous forms such as `<input>`, `<select>`, or `<textarea>` did not have corresponding labels. Please note labels are not required for image, submit, reset, button, or hidden form element types. Markups should properly associate a *form label* with the input element. If a user comes to an area where they have to enter information, then it should be labeled correctly as to what information they are being asked for so the user knows. Without properly labeled forms, it is confusing and unclear. Users can get disorganized, confused, or frustrated by the labels not being clear. The form label is accepted by a variety of assistive technologies and useful whether the user is navigating using keyboard shortcuts, tabbing through or filling out forms with assistive technology such as JAWS. An example of the label HTML markup is below.

Name:

```
<label for="name">Name:</label>
<input id="name" type="text" name="textfield" />
```

Avoid the Use of Pop-up Windows

Throughout the *Tauntongov.org* website, links to an external website frequently open to a pop-up window. Pop-up windows are not recommended because they confuse users in their navigation, especially for people navigating via screen magnifier or screen reader. Additionally, it is important to note that most users have a pop-up blocker in order to avoid spam and advertising. Pop-up windows prevent users from being able to access the content, and in most

cases, being able to perform any actions. If you are going to use a Pop-up window, please specify it in the link.

Provide multiple methods for finding content: It is recommended to provide multiple methods for finding content. A logical navigation, search functionality, index, site map, table of contents, links within body text, supplementary or related links section all provide multiple ways for users to find content.

Use simple vocabulary: Use simple vocabulary that users are familiar and comfortable with on the website. For example, User/Experts had some challenges with city-specific terminology. We found that Users were looking for easy search headings such as “Jobs,” “FAQs,” “Where Do I Vote,” and “About Taunton.”

Provide an accessible dropdown navigation menu: The main navigation menu is not keyboard accessible. For example, it worked for VoiceOver screenreader users but not Jaws screenreader users. Additionally, the dropdown menu was challenging to use for the tester with a dexterity impairment and the person with low vision who can only see a portion of the screen at a time. Most User/Experts experienced frustration trying to navigate the dropdown menu’s items that are far from the top-level button when using a mouse.

Make sure that the dropdown menu can be accessed by keyboard-only users. Below are some examples of dropdown menus that work well for keyboard and screen readers:

- <http://terrellthompson.com/tests/menus/accessible-mega-menu/test.html>
- <http://www.newenglandada.org>

Add a “Skip to Navigation Link:” A “Skip to Navigation Link” exists, but the anchor for the link is not present. It should be placed at the beginning of the main content on every page after all the navigation links.

Page-by-Page Findings

Taunton-ma.gov

Home Page: <http://taunton-ma.gov/Pages/index>

Calendar: http://taunton-ma.gov/Pages/TauntonMA_EventsMeetingsCal/

Residents: www.taunton-ma.gov/Pages/residents

Contact Us Form: www.taunton-ma.gov/Pages/TauntonMA_WebDocs/contact

Subscribe to News: www.taunton-ma.gov/subscriber

Citizen Action Center: www.taunton-ma.gov/Pages/TauntonMA_WebDocs/CitizenActionCenter

Online Payment: www.unipaygold.unibank.com/Default.aspx?customerid=465

Job Opportunities: www.taunton-ma.gov/Pages/TauntonMA_HumanResource/jobs

www.tauntonma.virtualltownhall.net/Pages/TauntonMA_HumanResource/

www.tauntonma.virtualltownhall.net/Pages/TauntonMA_HumanResource/applongform.pdf

TEMA Form: www.taunton-ma.gov/Pages/TauntonMA_TEMA/VolunteerForm

About Our City: www.taunton-ma.gov/Pages/TauntonMA_WebDocs/about

Hours & Directions: www.taunton-ma.gov/Pages/TauntonMA_WebDocs/hours

Report an issue: www.taunton-ma.gov/Pages/TauntonMA_Mayor/seeclickfix

Third Party

Online Payments: <https://unipaygold.unibank.com/Default.aspx?customerid=465>

School: <http://www.tauntonschoools.org/>

Home Page

<http://taunton-ma.gov/Pages/index>

TAUNTON MASSACHUSETTS

Citizen Action Center

Online Payments | Forms & Documents | Online GIS

ABOUT TAUNTON | MAYOR'S OFFICE | CITY COUNCIL | DEPARTMENTS | BOARDS & COMMISSIONS | HOW DO I?

QUICK LINKS

- Hours & Directions
- Calendars
- Residents
- Businesses
- Visitors
- Schools
- Contact Us
- Return Home

5th Annual City of Taunton
MAYOR THOMAS C. HOYE JR.
MILES with the MAYOR
5K Road Race 9.21.2014
REGISTER TODAY!

ADDITIONAL LINKS

- Employee Login
- Taunton Daily Gazette
- Submit a Community Calendar Event
- City Council Minutes
- Taunton Emergency Management Agency
- 2014 Sign & Awning Program Information
- Affirmative Action
- Hometown Talk Radio WVBF 1530AM
- City Council Agendas
- Bristol Community College
- Mayor's City Charter Advisory Committee

CITY NEWS

- 9.4.14 Final EIS Report
- 9.4.14 Preliminary Flood Insurance Rate Maps Open House
- 9.2.14 Public Notice GATHC
- 8.12.14 Half-Staff Thursday August 14

CITY CALENDAR

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|-----|-----|-----|-----|-----|-----|
| 31 | 01 | 02 | 03 | 04 | 05 | 06 |
| 07 | 08 | 09 | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 01 | 02 | 03 | 04 |
| 05 | 06 | 07 | 08 | 09 | 10 | 11 |

Tue, September 9

FOOTER:
 CITY OF TAUNTON, MA
 141 Oak Street, Taunton, MA 02780
 Phone (508) 821-1000
 Website Disclaimer | Privacy Policy | Virtual Towns & Schools

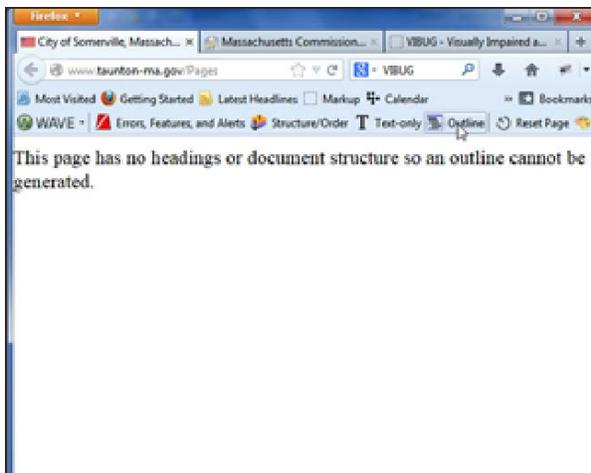
Layout:

1. Consistency: Missing “home button,” visitors are looking for features they are familiar with and language that is commonly used across the web. Users were confused by the lack of an easily identifiable “home button” that would link back to the home page from any page on the website. Usually the home button is located close to the top left corner of the page. Users missed the “Return Home” link at the end of the “Quick Links” list.
2. Layout: The older Users were overwhelmed by the layout of the home page. They stated that there is too much information and not enough white space. They would prefer navigation elements to be on the left side of the page, instead of being

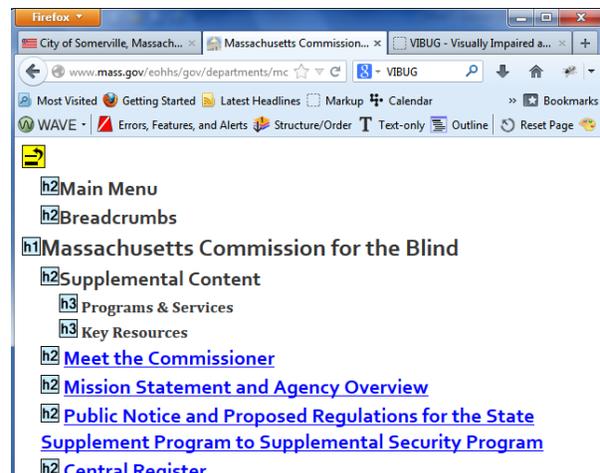
“spread out all over” on the home page – it was not intuitive.

3. **Distraction:** Users found it distracting with the moving header image and the moving slider image. One suggestion would be to have the header image change only when the page is refreshed or when the user moves onto a different page.
4. **Missing Headings:** The page does not have a heading structure. Proper HTML markup is important for ease of navigation, particularly for users of assistive technology.

Below is the heading structure information offered on *Taunton-Ma.gov* compared to the heading structure on *Mass.gov*:



Taunton-ma.gov



Mass.gov

5. **No “Skip Navigation Links:”** The page has no “skip navigation links” that would allow the User to jump back to the main content. To ease navigation, place a skip navigation link near the top of the page anchored to the main page content.

Header:

1. Contrast: The green text on the buttons for the “Online Payment” and “Form & Documents” has poor contrast and was not discernible for the User with low vision. Also consider using a San Serif font so it is easier to read, especially the small text links like ‘Online Payments’.
2. Finding Information: The Facebook icon next to the search box was confusing for Users navigating with a screen magnifier.
3. Button Confusion: Users did not realize the Citizen Action Center was an area you could click on.
4. Image Contrast: While some images were sharp, other rotating images where too light to be seen by some users.
5. Alt text: The Facebook link is not labeled for screen reader users.
6. Alt text missing on image: No alternate text is provided for the rotating background images.
7. Alt text missing on “More” button: The “More” button does not have Alt Text, which makes it inaccessible for Keyboard-Only Users or Users with no vision. Additionally, there is no change of color when hovering over this link, which makes it hard for the users to understand it is a button which they can click.

Search Box:

1. Form Labels: The form itself is called "Search," but the field is not labeled properly. Having the field itself labeled with something instructive, like "enter search terms here" would be an improvement
2. The search box does not provide useful results to the Users:
In the screenshot below is a search for the term "School"



| Subject | Type | Modified |
|--|-----------|-------------------|
| Zoning Board of Appeals Agendas | Container | Thu, Oct 18, 2007 |
| Planning Board Agendas | Container | Thu, Oct 18, 2007 |
| Zoning Board of Appeals Minutes | Container | Thu, Oct 18, 2007 |
| Conservation Commission Agendas | Container | Thu, Oct 18, 2007 |
| Conservation Commission Minutes | Container | Thu, Oct 18, 2007 |
| Planning Board Minutes | Container | Thu, Oct 18, 2007 |
| News and Events | Container | Wed, Oct 3, 2007 |
| 7-15-10 mins. | Posting | Fri, Sep 10, 2010 |
| 10.05.09 Conservation Commission Minutes | Posting | Mon, Oct 26, 2009 |
| Community Opiate Forum on Monday 6/9 at Friedman Middle School | Web Page | Mon, Jun 2, 2014 |
| 3-10-11 mins. | Posting | Fri, Apr 15, 2011 |
| Taunton Public Schools Strategic Plan | Web Page | Thu, Mar 8, 2012 |
| 3.23.09 Conservation Commission Minutes | Posting | Tue, Apr 14, 2009 |
| 7-31-14 revised | Posting | Tue, Jul 29, 2014 |
| 7-31-14 agenda | Posting | Mon, Jul 28, 2014 |

Navigation:**A. Main Navigation (Horizontal):**

1. Contrast: User did not notice the color change of links on left navigation when hovering on a link. The hover change of color from white to yellow is too subtle when navigating with a mouse and does not work for a user navigating with keyboard only.
2. Layout: The User/Expert navigating with screen magnification appreciated the horizontal navigation across the screen.
3. Font Size: When zoomed in at 125%, the text on the horizontal menu appears blurry because it is an image and not text. Upper and lower case text would also be easier to read.
4. Vocabulary: Some users had trouble understanding what the "How Do I?" link is supposed to mean.

B. Drop Down Menu:



1. Finding Information: Users were confused by the vocabulary and organization of the submenu. It was difficult for them to find things without knowing about the city organization, especially the alphabetical departments listing (e.g., Looking for “Disability Commission,” it was discovered under “Taunton Disability Commission.”)
2. Keyboard Navigation: Navigating the dropdown menu with a mouse proved to be very challenging for the User/Expert with motor impairments, the older User/Expert, and the User/Expert using a screen magnifier. Additionally, this dropdown menu was completely inaccessible for those navigating via keyboard only and screen reader users.

C. Left Hand Menu



1. Most Users found this menu very useful.
2. Contrast: Users did not notice the color change of the links from green to red, but it was noticeable on the screenshot of the buttons below.
3. Contrast: It would be preferable to have the green text slightly darker and the background somewhat lighter for a better contrast ratio.

D. Left Menu 2



1. Font Size: The "Casino Updates" is okay to read, but the text on the buttons is too small to read.
2. Alt text: Wrong labeling: the "Weekly Construction" is labeled as "Casino Updates."
3. Alt text: The alt text on the last button does not match the Button content. It reads, "See, Click, Fix," instead of "Commonwealth Connect: REPORT AN ISSUE."



E. Additional Links

ADDITIONAL LINKS

- [Employee Login](#)
 - [Taunton Daily Gazette](#)
 - [Submit a Community Calendar Event](#)
 - [City Council Minutes](#)
 - [Taunton Emergency Management Agency](#)
 - [2014 Sign & Awning Program Information](#)
- [Affirmative Action](#)
 - [Hometown Talk Radio WVBF 1530AM](#)
 - [City Council Agendas](#)
 - [Bristol Community College](#)
 - [Mayor's City Charter Advisory Committee](#)

1. Keyboard Access: Event handler (scripts or executables) or the use of Tab index make it impossible to access those links when navigating via keyboard only. This creates an unusable section for people with dexterity impairment or no vision. Some browsers behaved differently for users, there was no way to access the middle of the page when

navigating using Chrome and Voice Over, however it worked when navigating with Opera.

2. Font Size: The font is small, making it difficult to read. Additionally, the contrast ratio is too low.
3. Layout: The home page has 5 different types of navigation menus. One suggestion would be to integrate those links within the Main Navigation menu which would create some white space on the front page and ease the readability

Slider:



1. Missing Alt text: There is no way for screen reader users to know what this slider is about, and they cannot click on the link within the slider image.
2. Speed on the slider is too fast. There is not enough time to read the content. One suggestion would be to add control for the visitor to be able to read at his/her own speed.
3. Font size: "Where children come first" is too small.
4. Contrast: The green text on white background doesn't provide enough contrast for Users.

Link List:

CITY NEWS

9.15.14 [Financial Resource & Information Fair](#)

9.4.14 [Final EIS Report](#)

9.4.14 [Preliminary Flood Insurance Rate Maps Open House](#)

9.2.14 [Public Notice GATHC](#)

[MORE](#) →

1. Font size: The tight letter spacing makes it hard to read.
2. Font size: This text is too small to read.
3. Links naming: “MORE” does not make sense when used out of context. For the user who navigates a list of link with a screen reader, prefer a descriptive link name like “more city news.”

Calendar:

CITY CALENDAR

| September 2014 | | | | | | |
|----------------|-----|-----|-----|-----|-----|-----|
| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
| 31 | 01 | 02 | 03 | 04 | 05 | 06 |
| 07 | 08 | 09 | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 01 | 02 | 03 | 04 |
| 05 | 06 | 07 | 08 | 09 | 10 | 11 |

Tue September 9

[MORE](#) →

1. Contrast: The colors a bit hard to decipher for people with low vision, especially the black writing on dark gray background
2. It is difficult for a visitor using a screen magnifier to access the content in the calendar.
3. Users could not figure out how to switch months within the calendar because the layout is not intuitive.

Footer:



1. The older user was unclear about the meaning of "Virtual Towns & School."
2. Finding information: The footer is a useful tool for many people. It's the first place people will look for things like "Contact Us," "Job Opportunities," "Home," "Site Map," and "Search." We recommend adding essential links into the footer as an alternative way to navigate. When users are navigating by links, some users prefer to jump directly to the end of the page and start navigating backwards.
3. Address and phone number: It is good to have the address and phone number available in the footer. Since it is currently shown as an image in the background of the page, this information is inaccessible for visitors using a screen reader. Additionally, it is hard to read for the person with low vision because when zoomed in it becomes blurry. We recommend using text instead of an image.

Calendar

http://taunton-ma.gov/Pages/TauntonMA_EventsMeetingsCal/

Upcoming Meetings & Events Calendar

August 2014

THE FOLLOWING CALENDAR IS FOR INFORMATIONAL PURPOSES ONLY

In accordance with Mass General Laws Chapter 39, Section 23B, the official meeting notices are posted on the "principal official bulletin board" of the Town located in the foyer of the Town Hall.

To view details, click on a meeting or event.

◀ August 2014 ▶
[Table](#) [Print](#) [List](#)
August 2014 Go

Upcoming Meetings & Events Calendar (Master)
Upcoming Meetings Calendar
Events Calendar
Taunton Arts Calendar

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--------|--|---------------------------------|-----------|------------------------------------|--|---|
| 27 | 28 | 29 | 30 | 31 | 01 | 02 |
| | | City Council Meeting at 6:30 PM | | Zoning Board of Appeals at 6:00 PM | Board of Assessors at 8:30 AM Acrylic Painting Class at 10:30 AM Drawing and Painting Class at 1:30 PM | |
| 03 | 04 | 05 | 06 | 07 | 08 | 09 |
| | Committee on Police and License at 6:00 PM | Board of Health at 12:00 PM | | | Acrylic Painting Class at 10:30 AM | Taunton Public Library Book Sale at 9:00 AM |

1. Finding information: Users found the calendar link very easily on the Home page from the “Quick Links” menu.
2. Contrast: The green text used in the calendar is difficult to read because the contrast is too low. This is also the case for the white background and even worse with the dark grey background.
3. Text layout: It would be easier to read if the text were flush left, instead of being centered. Users missed out on some of the content because the text was centered.
4. Text size: The font is too small on the first page.
5. Color used alone to convey content: Information is conveyed by color *only* on the Calendar page. We recommend adding symbols in addition to color-coding to help visitors with color blindness.
6. People with monochromatic vision cannot see color, the example below shows how the calendar would appear to them :

Same page as seen in grayscale:

| Upcoming Meetings & Events Calendar | | | | | | |
|---|--------|---------------------------------|-----------|------------------------------------|---|---|
| December 2014 | | | | | | |
| THE FOLLOWING CALENDAR IS FOR INFORMATIONAL PURPOSES ONLY | | | | | | |
| In accordance with Mass General Laws Chapter 39, Section 23B, the official meeting notices are posted on the "principal official bulletin board" of the Town located in the foyer of the Town Hall. | | | | | | |
| To view details, click on a meeting or event. | | | | | | |
| ◀ December 2014 ▶ | | Table Print List | | December 2014 | | Go |
| <input type="checkbox"/> Upcoming Meetings & Events Calendar (Master) <input checked="" type="checkbox"/> Upcoming Meetings Calendar <input type="checkbox"/> Events Calendar <input checked="" type="checkbox"/> Taunton Arts Calendar | | | | | | |
| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| 30 | 01 | 02 | 03 | 04 | 05 | 06 |
| | | City Council Meeting at 5:30 PM | | Planning Board at 5:30 PM | Acrylic Painting Class at 10:30 AM Drawing and Painting Class at 1:30 PM | |
| 07 | 08 | 09 | 10 | 11 | 12 | 13 |
| | | City Council Meeting at 5:30 PM | | Zoning Board of Appeals at 6:00 PM | Acrylic Painting Class at 10:30 AM Drawing and Painting Class at 1:30 PM | Taunton Public Library Book Sale at 9:00 AM |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | City Council Meeting at 5:30 PM | | | Acrylic Painting Class at 10:30 AM Drawing and Painting Class at 1:30 PM | |

7. Consistency: The links for Table, Print, and List are hard to find. Also, User/Experts did not understand what those links did. We suggest the use of icons, instead of links.
8. Table: The tables are navigable for people using a screen reader.
9. Layout: Users with cognitive impairments found the calendar layout challenging and had trouble finding the events. One User/Expert said he is more likely to search for an event on Google.
10. Button: The month button is not identified as a button.

Calendars

[Printer-Friendly Version](#)

Upcoming Meetings & Events Calendar

[Council on Aging Calendar](#)

[Taunton Arts Calendar](#)

1. Taunton Arts Calendar link goes to a website with inaccessible Google Calendar.

Event page sample:

1. Alt text: On the example above, the event is inaccessible because the content is delivered by an image without alt text.

2. Text: There is too much bolded text on the “Events” page making it difficult to read.

Residents

www.taunton-ma.gov/Pages/residents

ABOUT TAUNTON **MAYOR'S OFFICE** **CITY COUNCIL** **DEPARTMENTS** **BOARDS & COMMISSIONS** **HOW DO I?**

QUICK LINKS

- Hours & Directions
- Calendars
- Residents
- Businesses
- Visitors
- Schools
- Contact Us
- Return Home

Message from the **MAYOR**

Medex Prescription Reimbursement Forms

CASINO Updates

Weekly Construction

Commonwealth Connect: **REPORT AN ISSUE**

Residents
[Printer-Friendly Version](#)

Household & Family

- [Pets Available for Adoption](#)
- [Trash & Recycling](#)
- [Library](#)
- [Adult & Youth Sports Leagues](#)
- [Online Tax Payments](#)
- [Online Water Bill Payments](#)

Youth

- [Jobs for Youth](#)
- [Taunton Youth Commission](#)
- [Taunton Youth Sports Organizations](#)
- [D.A.R.E.](#)
- [Schools](#)

Public Safety

- [Baby Safe Haven](#)
- [Neighborhood Crime Watch](#)
- [Home and Child Fire Safety Guide](#)
- [Sex Offenders](#)
- [Domestic Violence](#)
- [Anonymous Tip Line](#)

Public Health

- [Hazardous Materials](#)
- [Storm Ready Community](#)
- [Emergency Management](#)
- [Septic Systems - Title V](#)
- [Lyme Disease Information](#)
- [Influenza Pandemics \(Avian\)](#)

Events & Happenings

- [Mayor's Worthy Cause](#)
- [Yoga Classes](#)
- [Library Children's Programs](#)

Human Services

- [Emergency Rental / Mortgage Assistance](#)
- [Emergency Task Force Fuel Fund](#)
- [Food Stamp Program](#)
- [Housing Programs](#)
- [Taunton Nursing Home](#)
- [Safe Neighborhood Initiative](#)

Senior Center

- [Workshops & Lectures](#)
- [Recreational & Social Programs](#)
- [Transportation](#)
- ["Topics to Go" \(Useful articles\)](#)
- [Menu \(Meal sites & Home Delivered Meals\)](#)
- [Newsletter / Calendar of Events](#)

Elder Services

- [Meal Sites / Home Delivered Meals](#)
- [Fuel Assistance Programs](#)
- [Elderly Home Visits](#)
- [S.H.I.N.E. Medical Insurance Counseling](#)
- [Nursing Services](#)
- [Mental Health](#)

Taunton Development [MORE>>](#)

- [Taunton Development Corporation](#)
- [Economic Development Incentive Program](#)
- [Small Business Loan Program](#)
- [Community Development Block Grants](#)
- [Septic Loan Program](#)
- [Brownfields Program](#)

General Interest

- [Absentee Ballots](#)
- [Voter Registration](#)
- [City's Licensed Contractors](#)
- [Library Catalogue](#)
- [Water Quality](#)
- [Job Opportunities](#)

Municipal Cable Volunteers

- [Municipal Cable Volunteer Opportunities](#)

1. Link naming and placement: The “More” link outlined above does not make sense out of context. The link on the left hand side of the screen is hard to find when using a screen magnifier.
2. Coding: The use of the list and nested list would help facilitate the navigation for screen reader.
3. Contrast: The green text has low contrast, which makes it difficult to read.

Contact Us Form

www.taunton-ma.gov/Pages/TauntonMA_WebDocs/contact

Comments
Printer-Friendly version

Please [Click Here](#) to see additional departments or boards to submit your comments.

What does this comment regard?

Choose One: required

Please include any questions or comments:

Please provide the following information:

| | | |
|----------------|----------------------|----------|
| Name: | <input type="text"/> | required |
| Email Address: | <input type="text"/> | required |
| Address: | <input type="text"/> | |
| City: | <input type="text"/> | |
| State: | <input type="text"/> | |
| Zip: | <input type="text"/> | |
| Phone: | <input type="text"/> | |
| Organization: | <input type="text"/> | |

Thank You!

1. Page Title: When clicking on the “Contact Us” link, you land on the “Comment” page. This page should be entitled “Contact Us” and offer multiples way to connect, including phone number and address of the city hall.
2. Link Naming: The “Click Here” Link Naming: The “Click Here” circled above in red make no sense out of context. We suggest a more descriptive link name.
3. Broken Link: The "Click Here" link is broken, nothing happen when you click on it.
4. Form labeling: The form is properly labeled for screen reader, and was navigable by all of our User/Experts.
5. When using the screen reader, there were blank cells in the table which were a bit distracting and confusing

6. Comment: Error message is accessible to screen reader and provides enough information.
7. The User/Experts would prefer to have access to an email or a phone number. They would want to be able to talk to an actual person rather than filling in a form.

Subscribe to News

www.taunton-ma.gov/subscriber

Subscribe to News
[Printer-Friendly Version](#)

We have implemented a new way of keeping our residents informed of events and meetings that are occurring in the town. Whenever a new event or document is posted to the Web site you have an opportunity to receive a copy of that posting in your personal EMail box, automatically. It won't be necessary to visit the Web site, although we encourage you to do so, since not all folders will be subscribable. And if you decide that you no longer want to receive notices automatically, you can use the following form to remove your name from the list.

How to Subscribe:

For example, to properly subscribe to News & Announcements you are required to supply the following information:

- Select an action: **Add My Name** or **Remove My Name**
- Select from the Mail Lists: e.g. **News & Announcements**
- Your e-mail address: e.g. yourname@yahoo.com

If your EMail address is correct then the Subscriber will respond to your request promptly and you will receive an EMail confirmation in your incoming mailbox. **In order to protect your privacy, you MUST reply to this email in order to receive postings from the list.** This is a receive-only list and you may remove your name from it at any time by using this form.

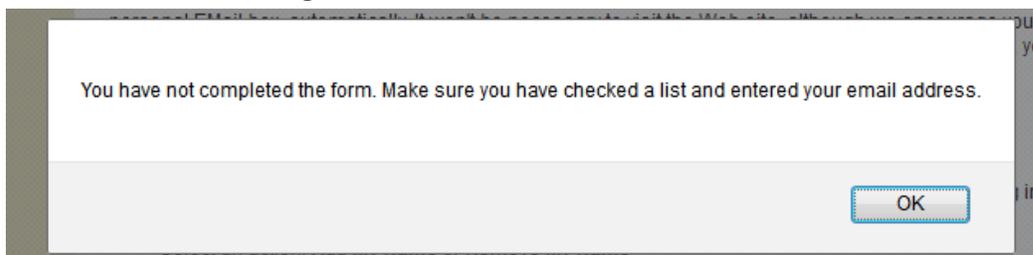
Select one or more lists from the section below:

Add/Remove Name:

Your Email:

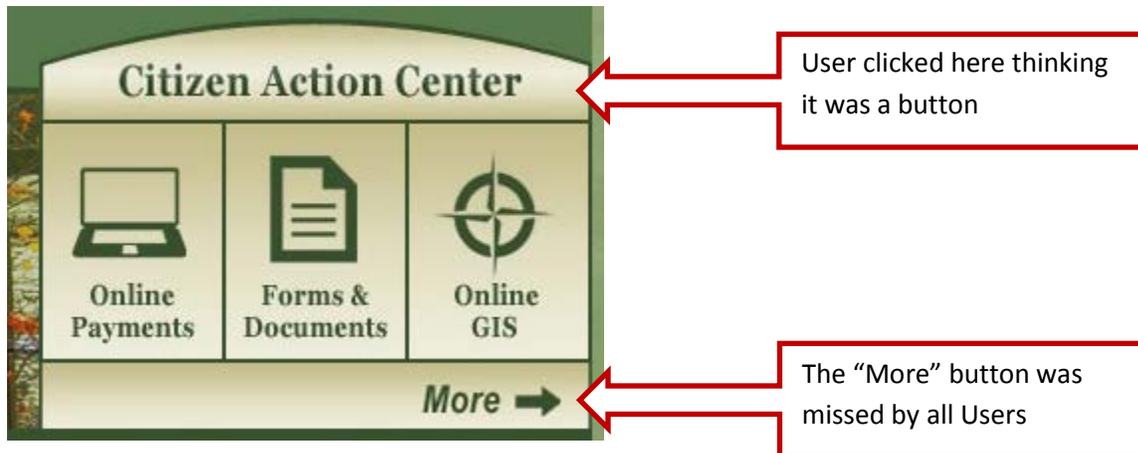
News Subscriber Lists

1. There is not a fillable field for the “Mail List.”
2. When trying to subscribe, the error message below appears, making it impossible to subscribe to the mailing lists:



Citizen Action Center

www.taunton-ma.gov/Pages/TauntonMA_WebDocs/CitizenActionCenter



1. Button position: Users did not find this group of buttons because it is on the right-hand corner of the screen. We suggest changing the location of this group of buttons – either centered or flushed left. The upper right-hand corner of the screen is not an intuitive place where users look for information. For Users navigating via a screen magnifier they scan the screen starting on the upper left corner and are likely to miss information located on the right side of the header
2. Button identification: All four User/Experts did not understand that “online payments” “Forms & Documents” “Online GIS” and “More” are buttons they can click on. One reason for this could be because there is no change of color or event handler when hovering over this button with the mouse.
3. Table: Using a table for the layout of the Citizen’s Action Center caused confusion with users navigating with a screen reader.
4. Missing Alt text: The “More” button doesn’t have alt text, so it is inaccessible for screen reader users. Additionally Users didn’t identify it as a button and clicked on “Citizen Action Center” instead thinking it was a button.



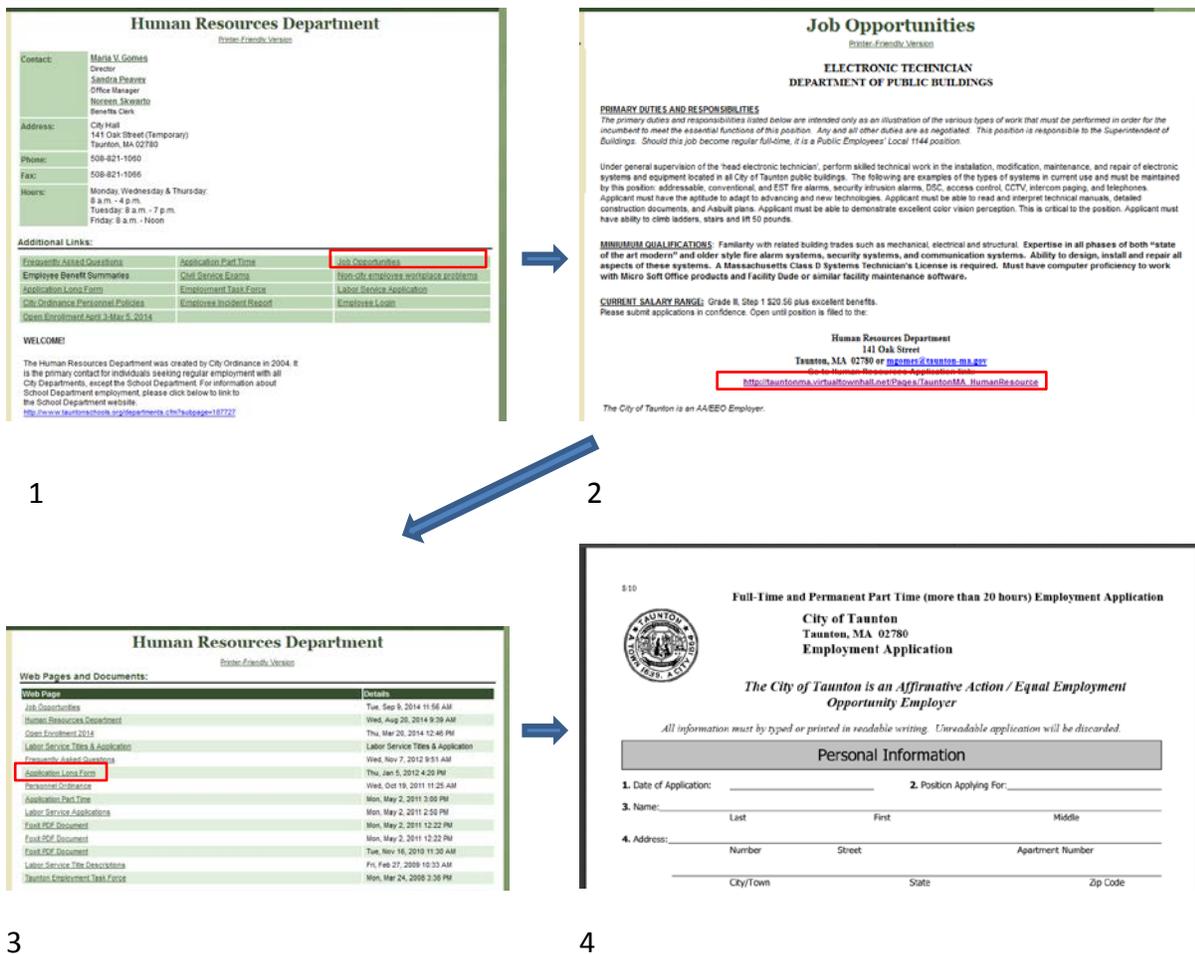
5. The User with cognitive impairment found the icons above to be extremely helpful.
6. Alt text: There is “.jpg” in the all of the alt text area for image on this page. That indicates type of file but should not be part of the alternative text (“alt text”).
7. Some of the images above did not load on the page.(circled in red above)
8. Font size and contrast: There are some contrast issues with the white text on the green background. We recommend making the font bigger and using a san serif font to make it easier to read.

Job Opportunities

www.taunton-ma.gov/Pages/TauntonMA_HumanResource/jobs
www.tauntonma.virtualtownhall.net/Pages/TauntonMA_HumanResource/
www.tauntonma.virtualtownhall.net/Pages/TauntonMA_HumanResource/applongform.pdf

One of the tasks the User/Experts found to be the most difficult was finding information about employment and the process to apply for a job. We discovered a lot of the information in this section of the website is not accessible.

The chain of links to get to the employment information is confusing. We instructed the Users to click on links multiple times, and even with our help it was challenging to navigate.



Human Resource Department

www.tauntonma.virtualltownhall.net/Pages/TauntonMA_HumanResource/

Human Resources Department

[Printer-Friendly Version](#)

| | |
|-----------------|---|
| Contact: | Maria V. Gomes Director Sandra Peavey Office Manager Noreen Skwarto Benefits Clerk |
| Address: | City Hall 141 Oak Street (Temporary) Taunton, MA 02780 |
| Phone: | 508-821-1060 |
| Fax: | 508-821-1066 |
| Hours: | Monday, Wednesday & Thursday: 8 a.m. - 4 p.m. Tuesday: 8 a.m. - 7 p.m. Friday: 8 a.m. - Noon |

Additional Links:

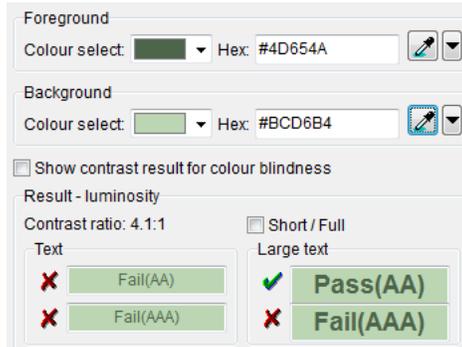
| | | |
|---|--|--|
| Frequently Asked Questions | Application Part Time | Job Opportunities |
| Employee Benefit Summaries | Civil Service Exams | Non-city employee workplace problems |
| Application Long Form | Employment Task Force | Labor Service Application |
| City Ordinance Personnel Policies | Employee Incident Report | Employee Login |
| Open Enrollment April 3-May 5, 2014 | | |

WELCOME!

The Human Resources Department was created by City Ordinance in 2004. It is the primary contact for individuals seeking regular employment with all City Departments, except the School Department. For information about School Department employment, please click below to link to the School Department website.
<http://www.tauntonschools.org/departments.cfm?subpage=187727>

1. Page title: The link to get to this page is entitled “Jobs.” We recommend changing this to “Human Resources Department,” since that is the title of the landing page. It is important to keep content, specifically titles, consistent throughout the website.
2. Table: Using a table for the “Additional Links” makes it hard to read. Users would prefer a list, which is better for accessibility. We suggest to rearrange items by importance or sort them alphabetically.

3. Contrast: The link within the link list does not have enough contrast.



4. Link placement: When Users were asked to look for “job opportunities,” no one could find it from this page. We recommend making it stand out from the rest of the content or put it higher on the page.
5. "Employee Benefit Summaries" is not a link, but it is listed under "Additional Links."
6. Pop-up window: Most of the links open to a pop-up window.

Jobs Opportunities

www.taunton-ma.gov/Pages/TauntonMA_HumanResource/jobs

Job Opportunities
Printer-Friendly Version

ELECTRONIC TECHNICIAN
DEPARTMENT OF PUBLIC BUILDINGS

PRIMARY DUTIES AND RESPONSIBILITIES
The primary duties and responsibilities listed below are intended only as an illustration of the various types of work that must be performed in order for the incumbent to meet the essential functions of this position. Any and all other duties are as negotiated. This position is responsible to the Superintendent of Buildings. Should this job become regular full-time, it is a Public Employees' Local 1144 position.

Under general supervision of the 'head electronic technician', perform skilled technical work in the installation, modification, maintenance, and repair of electronic systems and equipment located in all City of Taunton public buildings. The following are examples of the types of systems in current use and must be maintained by this position: addressable, conventional, and EST fire alarms, security intrusion alarms, DSC, access control, CCTV, intercom paging, and telephones. Applicant must have the aptitude to adapt to advancing and new technologies. Applicant must be able to read and interpret technical manuals, detailed construction documents, and Asbuilt plans. Applicant must be able to demonstrate excellent color vision perception. This is critical to the position. Applicant must have ability to climb ladders, stairs and lift 50 pounds.

MINIUMUM QUALIFICATIONS: Familiarity with related building trades such as mechanical, electrical and structural. Expertise in all phases of both "state of the art modern" and older style fire alarm systems, security systems, and communication systems. Ability to design, install and repair all aspects of these systems. A Massachusetts Class D Systems Technician's License is required. Must have computer proficiency to work with Micro Soft Office products and Facility Dude or similar facility maintenance software.

CURRENT SALARY RANGE: Grade III, Step 1 \$20.56 plus excellent benefits.
Please submit applications in confidence. Open until position is filled to the:

Human Resources Department
141 Oak Street
Taunton, MA 02780 or mgomes@taunton-ma.gov
Go to Human Resources Application link:
http://tauntonma.virtualtownhall.net/Pages/TauntonMA_HumanResource

The City of Taunton is an AA/EEO Employer.

1. Link naming: The link to apply for job is not clearly labeled. Use descriptive text such as "link to application form," rather than long URL link name.
2. Font style: The italics make the first paragraph difficult to read.
3. Paragraph: There is a lot of text. Users would prefer bulleted main points.
4. Content: It is difficult to know which job positions are still open. We suggest adding a list on top of the page with open positions and closing dates for positions.
5. Text style: The title is underlined so User/Experts confused this for a link. The use of headings would improve the accessibility of the site and create a nice visual consistency that would benefit all users.
6. Line length: One of the guidelines for accessibility for cognitive disability recommends lines of text do not exceed more than 80 characters per line. On this page, lines have an average 160 characters per line.

7. Font: Avoid all caps for the title. Additionally, avoid entire paragraphs of italics because it is hard to read e the font is too small.
8. The link to the job application is only at the very end of the page, and can easily be missed.
9. The "Open Enrollment April 3-May 5, 2014" link to a scanned PDF is completely inaccessible.

List of links for Human Resources

http://tauntonma.virtualltownhall.net/Pages/TauntonMA_HumanResource/

Human Resources Department
Printer-Friendly Version

Web Pages and Documents:

| Web Page | Details |
|--|------------------------------------|
| Job Opportunities | Tue, Sep 9, 2014 11:56 AM |
| Human Resources Department | Wed, Aug 20, 2014 9:39 AM |
| Open Enrollment 2014 | Thu, Mar 20, 2014 12:46 PM |
| Labor Service Titles & Application | Labor Service Titles & Application |
| Frequently Asked Questions | Wed, Nov 7, 2012 9:51 AM |
| Application Long Form | Thu, Jan 5, 2012 4:20 PM |
| Personnel Ordinance | Wed, Oct 19, 2011 11:25 AM |
| Application Part Time | Mon, May 2, 2011 3:00 PM |
| Labor Service Applications | Mon, May 2, 2011 2:50 PM |
| Foxit PDF Document | Mon, May 2, 2011 12:22 PM |
| Foxit PDF Document | Mon, May 2, 2011 12:22 PM |
| Foxit PDF Document | Tue, Nov 16, 2010 11:30 AM |
| Labor Service Title Descriptions | Fri, Feb 27, 2009 10:33 AM |
| Taunton Employment Task Force | Mon, Mar 24, 2008 3:38 PM |

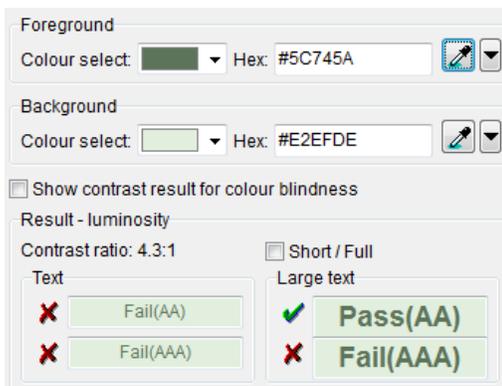
The User got directed to the page above from the "Job Opportunity" page. It is unclear on this page which application you are to complete. Additionally the page title does not really describe the content of the page. When you click on the first link, "Job Opportunities," the User was taken back to the "Job Opportunities" page. The navigation and use of titles is confusing and can be misleading. Ideally, add a description for what the form and/or link do and where you will be redirected.

About Our City

www.taunton-ma.gov/Pages/TauntonMA_WebDocs/about

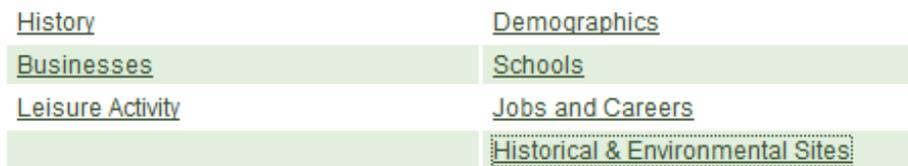


1. Alt text: Missing Alt text on image above
2. Low contrast on the list of link at the top of the page:

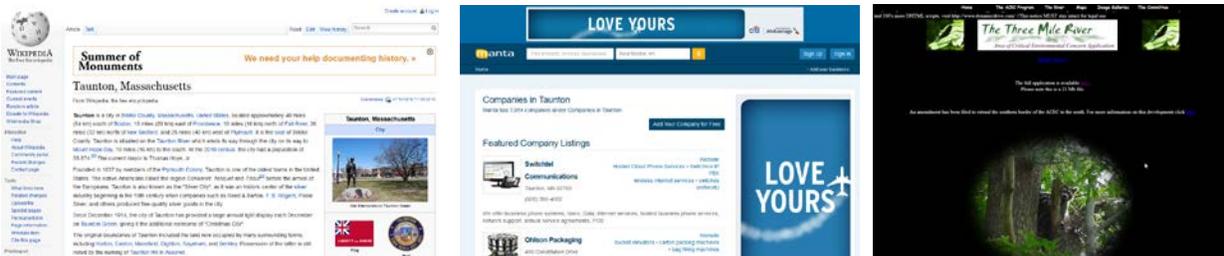


| | |
|--|---|
| Foreground | |
| Colour select: | Hex: #5C745A |
| Background | |
| Colour select: | Hex: #E2EFDE |
| <input type="checkbox"/> Show contrast result for colour blindness | |
| Result - luminosity | |
| Contrast ratio: 4.3:1 | |
| <input type="checkbox"/> Short / Full | |
| Text | |
| <input checked="" type="checkbox"/> Fail(AA) | <input checked="" type="checkbox"/> Pass(AA) |
| <input checked="" type="checkbox"/> Fail(AAA) | <input checked="" type="checkbox"/> Fail(AAA) |

- 3. Links: Users were confused when they got redirected to external sites, such as Wikipedia. Users did not understand why Taunton’s website did not have the information about the City’s history within its website.
- 4. Pop-up window: The links open to pop-up windows, which confused the assistive technology. Users got taken out of the website and couldn't get back to it. Therefore, if a link redirects you outside the website (e.g., pop-up window), indicate it in the link name.
- 5. Lack of consistency:



Below are the pages Users were redirected to, all with very different layouts and some completely inaccessible:



- 6. Users did not understand why the “Jobs & Careers” link directed them to an external listing of Taunton companies instead of a list of current job openings in the City of Taunton. It may be an attractive service but should be organized to differentiate City of Taunton vs. private Taunton employer opportunities.
- 7. Content: for the Historical & Environment site link, users expected to get to a list of historical & environmental sites and not to be redirected to info about Three Mile River.

Commission for Individuals with a Disability

http://taunton-ma.gov/Pages/TauntonMA_BComm/disability

1. This page was difficult to find. It is listed under "T" for "Taunton Commission for Individuals with Disabilities."
2. This page also appears to have missing information. It does not include email addresses or phone numbers, only street addresses of members. We also recommend including a paragraph about the Commission’s scope of responsibility.

Board & Commission

http://taunton-ma.gov/Pages/TauntonMA_BComm/index

| Boards and Commissions | | | |
|---|-----------------------------|---------|------------------------------------|
| Printer-Friendly Version | | | |
| Board | Meeting Schedule | Time | Location |
| ADA Committee | | | |
| Airport Commission | Last Wednesday of the month | 7:00 PM | SRC building at the airport |
| Board of Health | | | |
| Cable Advisory Commission | | | |
| Conservation Commission | Once monthly on Mondays | 6:30 PM | Chester R Martin Council Chambers |
| Cultural Council | | | |
| Golf Course Commission | | | |
| Historic District Commission | First Thursday of the Month | 7:00 PM | Chester R. Martin Council Chambers |
| Housing Authority | | | |
| Industrial Development Commission | | | |
| Library Trustees | | | |
| License Commission | | | |
| Lighting Plant Commission | | | |
| Nursing Home | Last Tuesday of each Month | | |
| Parks, Cemeteries & Public Grounds Commission | | | |

1. The above page has poor contrast and the font is too small.

Voting Information

http://taunton-ma.gov/Pages/TauntonMA_Voters/index

Registrar of Voters

[Printer-Friendly Version](#)

| | |
|-----------------|--|
| Contact: | William Tranter Chairman Paula M. Bergevin Asst to Board of Registrar of Voters |
| Address: | Temporary City Hall 141 Oak Street Taunton, MA 02780 |
| Phone: | 508-821-1044 |
| Hours: | Monday, Wednesday & Thursday: 8 a.m. - 4 p.m. Tuesday: 8 a.m. - 7 p.m. Friday: 8 a.m. - Noon |

Additional Links:

| | | |
|--|---|--|
| Important 2012 Primary Information | List of Wards, Precints & Polling Locations | Notice: Ward/Precinct Redistricting Change |
| Census Forms | Where Do I Vote? | Absentee Ballot Information |
| Voter Registration Information | Voting for Students | Voting for Persons with Disabilities |
| Voting for Military and Overseas US Citizens | | |

Staff Directory

| Name | Title |
|-------------------|--------------------------------------|
| William Tranter | Chairman |
| Paula M. Bergevin | Asst to Board of Registrar of Voters |
| Elizabeth Pottier | Clerk |
| Carol Welch | Boardmember |
| F. Roger Hoffman | Boardmember |

1. Content: User/Experts were confused about the information above and whether it was related to the City of Taunton or to the State of Massachusetts.
2. Broken link: The "Where Do I Vote" link is broken.

404 - File or directory not found.
 The resource you are looking for might have been removed, had its name changed, or is temporarily unavailable.

3. The "Voting for People with Disabilities" redirects to an external webpage.
4. We suggest adding a reference lookup table for visitors to know their Ward or Precinct based on their street address.

List of Wards, Precints & Polling Locations

Printer-Friendly Version
 CITY OF TAUNTON
 LIST OF WARDS, PRECINTS & POLLING LOCATIONS

| WAR D | PRCNT | POLLING PLACE NAME | POLLING PLACE ADDRESS |
|-------|-------|---------------------------|---------------------------------|
| 01 | A | LIBERTY CHRISTIAN CENTER | 161 WINTHROP STREET |
| | B | WESTVILLE CONG. PARISH HS | CORNER WINTHROP & N. WALKER ST. |

Hours & Directions

www.taunton-ma.gov/Pages/TauntonMA_WebDocs/hours

Hours and Directions

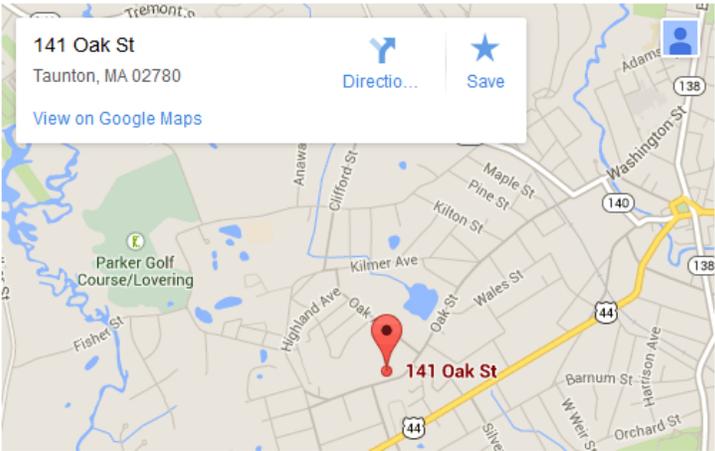
[Printer-Friendly Version](#)

Temporary City Hall Office Hours:
Monday, Wednesday & Thursday:
8 a.m. - 4 p.m.
Tuesday: 8 a.m. - 7 p.m.
Friday: 8 a.m. - Noon

Directions: to the Taunton City Hall can be obtained by clicking on the "View Larger Map" Link below the Map -OR- click on the Green "B" icon on the Map which will take you to the "Google Maps/Directions" page. There you can enter your address and click on the "Get Directions" button.

NOTE: Map feature: click on the "SAT" button to see a Satalite Image and Zoom-in using the "+" icon.

If you do not see the map below, Please click on your Browsers "Refresh" or "Reload" button.



1. Content: The text describing the Google Maps feature is not up-to-date. It is difficult to know what the green "B" or the SAT icons means. We also recommend a text description of directions and street addresses for visitors who might have trouble with Google Maps.
2. Text style: The bolded text is hard to read.
3. Content: We suggest adding a contact number for this page.
4. Text style: The alignment of text (e.g., centered then left alignment) makes it difficult to read.

Report an Issue

www.taunton-ma.gov/Pages/TauntonMA_Mayor/seeclickfix

Commonwealth Connect

[Printer-Friendly Version](#)

About Commonwealth Connect SeeClickFix Mobile & Online App

The Commonwealth Connect app is based on the Citizens Connect app developed for use by the City of Boston and allows residents to report quality of life issues, such as potholes and missing street signs, directly to local government for resolution.

To Use The Mobile App:

Residents with smartphones can download the app free of charge to an iPhone, Blackberry, Android or Windows phone to report issues straight from their mobile device. Go into your "AppStore" and search for SeeClickFix. If you are downloading the app from a location in the City of Taunton the app will automatically recognize this as your location. Once downloaded you will need to create an account by registering with an email address and password.

To report an issue, go to "Report", snap a photo of a pothole, missing street sign location, or trash issue, chose the issue title, and when necessary add a description. SeeClickFix will automatically recognize your location and include this with your service request.

You can follow your issue through email notifications (once received the appropriate city department will acknowledge your request, issue it a tracking number, and let you know when the issue has been resolved). You can also search other issues in the "Issue" tab. If you do not have a smartphone, but would like to submit a service request online please use the form below:

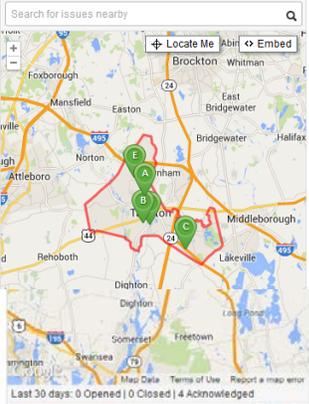
ISSUES | **REPORT**

Sort by: Recent | Filter

- A Other (2)**
8 Greenway Lane Taunton, MA 02780, USA
11 days ago - Fix # - Share
- B Trash Issues (2)**
35 Hodges Avenue Taunton, MA 02780, USA
20 days ago - Fix # - Share
- C Other (2)**
59 Blackbird Lane Taunton, Massachusetts
28 days ago - Fix # - Share
- D Trash Issues (2)**
2-20 Cedar Street Taunton, MA 02780, USA
about 1 month ago - Fix # - Share
- E Other (3)**
30-53 Dublin Drive Taunton, MA 02780, USA
5 months ago - Fix # - Share

Search for issues nearby

+ Locate Me | Abiri | Embed



Last 30 days: 0 Opened | 0 Closed | 4 Acknowledged

Report an Issue

SeeClickFix powered by

For more information on the Commonwealth Connect App, please follow the links below:

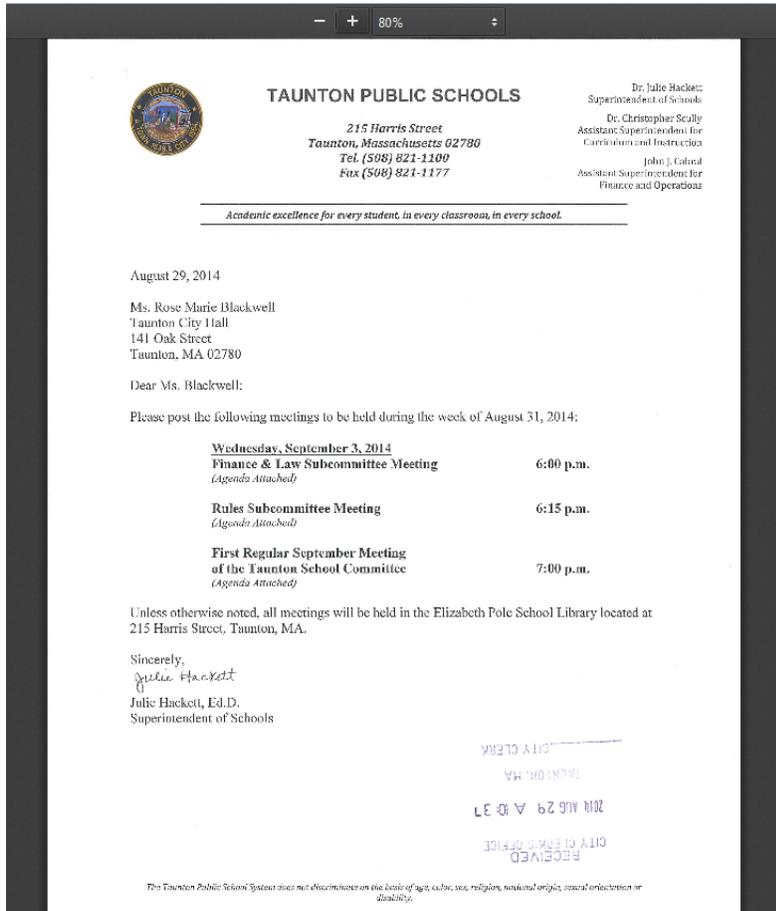
- [Press Release: Taunton Launches Commonwealth Connect App](#)
- [SeeClickFix: How it Works](#)
- [SeeClickFix: Tools for Government](#)



1. Content: User/Experts did not understand what this application does.
2. Content: There are no instructions on how to download the app and we were not able to find it at the iTunes Store.
3. Consistency: The page is entitled "Commonwealth Connect," but the link takes you to the "Report an Issue" page.

Sample PDF document

http://taunton-ma.gov/Pages/TauntonMA_EventsMeetingsCal/FAV1-0002D86A/S04AAD402-04AAD407.0/20140829103604371.pdf

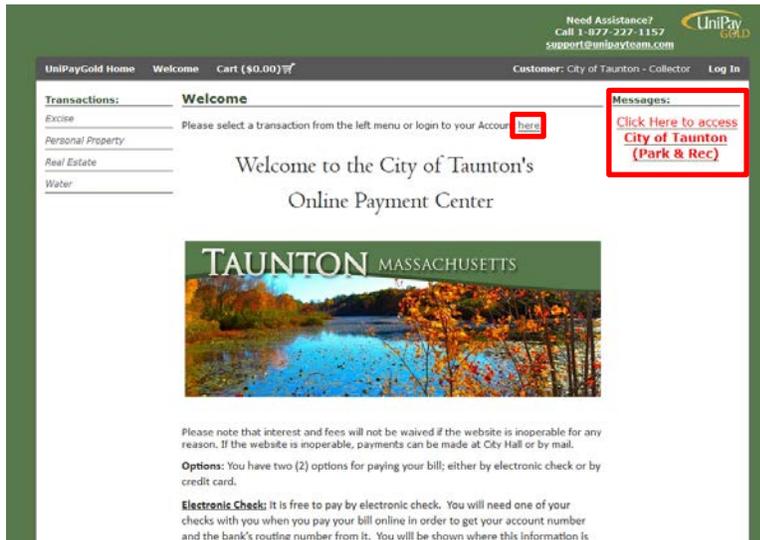


1. This PDF is a scanned document and the content is inaccessible for Users with low or no vision.

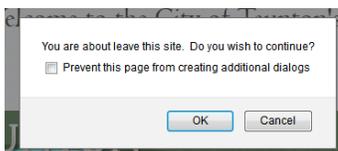
Third Party

Online Payments

<https://unipaygold.unibank.com/Default.aspx?customerid=465>



1. Contrast: The contrast on the link to the City of Taunton Rec is too low.
2. Link Naming: "Here" is not descriptive, "login to your account here" is a meaningful link.
3. When clicking on "fee schedule" this message appears:



The User/Expert's reaction was, "Never mind it's just an ad."

4. Users felt "nervous" about being in a new window, without knowing if they are on the actual website.
5. Alt text: Missing "Accepted Payment Types"



6. The layout is confusing.

7. There is a fee for credit card payment as well as returned check fee of \$25. One User said they would not take the risk to pay online.

School

<http://www.tauntonschoos.org/>



1. Alt text: Alt text is missing on the header logo and the rotating images
2. Headings: The order of headings is not logical. There are Headings 4 and Headings 5, but there are no Headings 1, Headings 2, or Headings 3.
3. Contrast: There are low contrast issues on the left hand side navigation
4. Keyboard navigation: The main navigation menu is not accessible via keyboard
5. Page Language: The language of the page is not defined on the page

Conclusion

By addressing the key findings identified in this document, much progress can be made to ensure the accessibility of the *Taunton-ma.gov* website. It is important for the *Taunton-ma.gov* website team to continue to include older users with disabilities across the spectrum of skill and technological ability for ongoing testing and evaluation of the website. Furthermore, future online service application procurement processes should factor in accessibility to avoid the situation of linking city services to inaccessible external service providers.

To maintain an accessible site in the future. It is crucial to provide training for any staff member involved in adding content to the website, to make sure that every image added will also have alternative text, every text content will have a correct headings structure.

Reference List of Requirements and Recommendations

The following table lists, in more detail, some of the issues encountered on the *Taunton-ma.gov* website. For each item the 'requirement' column has a hyperlink to detailed information about the specific requirement in the WCAG 2.0 and Section 508 Guideline checklist developed by WebAIM. This resource is developed by [WebAIM](#) and was created to help implement [Web Content Accessibility Guidelines \(WCAG\) 2.0](#) (W3C Recommendation 11 December 2008), which is a [Copyright](#) ©WebAIM (Web Accessibility in Mind).

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NOTE: The US Department of Justice has stipulated compliance with WCAG 2.0 AA for Title II and Title III entities.

| | Issue | Solution | Requirement |
|---------------------------------------|---|--|--|
| Alt Text: Missing on Image | Each image must have an alt attribute. Without alternative text, the content of an image will not be available to screen reader users or when the image is unavailable. | Add an alt attribute to the image. The attribute value should accurately and succinctly present the content and function of the image. If the image is just decorative, it should be given empty/null alternative text (alt=""). | Section 508 (a) 1.1.1 Non-text Content (Level A) |
| Alt Text: Missing on link | An image without alternative text results in an empty link. | Add appropriate alternative text that presents the content of the image and/or the function of the link. | Section 508 (a) 1.1.1 Non-text Content (Level A) 2.4.4 Link Purpose (In Context) (Level A) |
| Alt Text: Missing button | Alternative text is not present for an image button. Image buttons provide important functionality that must be presented in alternative text. Without alternative text, the function of an image button is not made available to screen reader users or when images are disabled or unavailable. | Add appropriate alternative text that presents the function of the image button (e.g., <code><input src="button.gif" type="image" alt="Submit search"></code>). | Section 508 (a) 1.1.1 Non-text Content (Level A) 2.4.4 Link Purpose (In Context) (Level A) |

| | Issue | Solution | Requirement |
|--|---|---|--|
| Button Labeling: Empty button | A button is empty or has no value text. When navigating to a button, descriptive text must be presented to screen reader users to indicate the function of the button. | Place text content within the <button> element or give the <input> element a value attribute. | 1.1.1 Non-text Content (Level A) 2.4.4 Link Purpose (In Context) (Level A) |
| Headings: No headings | The page has no headings. Headings (<h1>-<h6>) provide important document structure, outlines, and navigation functionality to assistive technology users. | Provide a clear, consistent heading structure, generally one <h1> and sub-headings as appropriate. | Section 508 (o) 1.3.1 Info and Relationships (Level A) 2.4.2 Page Titled (Level A) 2.4.6 Headings and Labels (Level AA) |
| Headings: Empty headings | A heading contains no content. Some Users, especially keyboard and screen reader users, often navigate by heading elements. An empty heading will present no information and may introduce confusion. | Ensure that all headings contain informative content. | Section 508 (o) 1.3.1 Info and Relationships (Level A) 2.4.2 Page Titled (Level A) 2.4.6 Headings and Labels (Level AA) |
| Skip Nav Link: Broken link | A skip navigation link exists, but the target for the link does not exist or the link is not keyboard accessible. | Ensure that the target for the link exists and that the link is not hidden with CSS display: none or visibility: hidden. | Section 508 (o) 2.4.1 Bypass Blocks (Level A) |
| Links Naming: Link purpose (In Context) | Link text does not make sense out of context, contains extraneous text (such as "click here"), or is the same as another link on the page, but links to a different location. | Reword the link so that it is more descriptive of its destination when read out of context of the rest of the document, remove any extraneous text (such as "click here"), and ensure that links with the same link text link do not link to different locations. | 2.4.4 Link Purpose (In Context) (Level A) |
| Links Naming: Empty Link | If a link contains no text, the function or purpose of the link will not be presented to the user. This can introduce confusion for keyboard and screen reader users. | Remove the empty link or provide text within the link that describes the functionality and/or target of that link. | 2.4.4 Link Purpose (In Context) (Level A) |

| | Issue | Solution | Requirement |
|--|---|--|--|
| Data Table: Table used for layout | While tables are primarily intended for the presentation of tabular information or data, they are often used to control page layout and formatting, this introduce reading and navigation order issues. We suggest using Cascading style sheet (CSS) instead of table for the layout of a page. | If it is a data table, provide appropriate header (<th>) cells. Verify that the reading and navigation order of table content (based on underlying source code order) is logical. | |
| Data Table: Empty table header | A <th> (table header) contains no text. The <th> element helps associate table cells with the correct row/column headers. A <th> that contains no text may result in cells with missing or incorrect header information. | If the table cell is a header, provide text within the cell that describes the column or row. If the cell is not a header or must remain empty (such as the top-left cell in a data table), make the cell a <td> rather than a <th>. | Section 508 (g) Section 508 (h) 1.3.1 Info and Relationships (Level A) |
| Form: Instruction | Provide adequate instructions and cues for forms. Ensure required elements and formatting requirements are identified. Provide associated and descriptive form labels and fieldsets/legends. | | |
| Form: Feedback | Give users clear and accessible form error messages and provide mechanisms for resolving form errors and resubmitting the form | | |

| | Issue | Solution | Requirement |
|-----------------------------------|---|---|---|
| Form: Labeling | A form control does not have a corresponding label. If a form control does not have a properly associated text label, the function or purpose of that form control may not be presented to screen reader users. Form labels also provide visible descriptions and larger clickable targets for form controls. | If a text label for a form control is visible, use the <label> element to associate it with its respective form control. If there is no visible label, either provide an associated label, add a descriptive title attribute to the form control, or reference the label(s) using aria-labelledby. Labels are not required for image, submit, reset, button, or hidden form controls. | Section 508 (n) 1.1.1 Non-text Content (Level A) 1.3.1 Info and Relationships (Level A) 2.4.6 Headings and Labels (Level AA) |
| Keyboard Navigation: Order | A logical, intuitive reading and navigation order | Consider restructuring the page so that the tab order is logical. | 2.4.3 Focus Order (Level A) |
| TabIndex | A Tabindex is present. Tabindex values of 1 or greater specify an explicit tab/navigation order for page elements. Because it modifies the default tab order, cause confusion, and result in decreased keyboard accessibility, it should be avoided. | If the natural tab order is already logical, remove the tabindex. Otherwise, consider restructuring the page so that tabindex is not needed. If tabindex is maintained, ensure that the resulting navigation is logical and complete. | 2.4.3 Focus Order (Level A) |
| Focus | There is no way to visually follow where you are when navigating with the keyboard only | Add OnFocus: | |
| Multimedia | Missing Captioning, ... | | |

| | <u>Issue</u> | <u>Solution</u> | <u>Requirement</u> |
|---|--|---|---|
| Contrast | Very low contrast between foreground and background colors. Adequate contrast is necessary for all users, especially users with low vision. | Increase the contrast between the foreground (text) color and the background color. Large text (larger than 18 point or 14 point bold) does not require as much contrast as smaller text. | 1.4.3 Contrast (Minimum) (Level AA) |
| Color used alone to convey content | Color should not be used as the sole method of conveying content or distinguishing visual elements. | Add a visual element: icons, symbol or underlining to distinguishing visual elements in addition to the color | 1.4.1 Use of Color (Level A) |
| Font Size | The page is readable and functional when the text size is doubled. | Make sure the element on the page reflow well when the text size is doubled | 1.4.4 Resize text (Level AA) |
| Vocabulary | Word that may be ambiguous, unknown, or used in a very specific way are defined. | Use adjacent text, a definition list, a glossary, or other suitable method. | 3.1.3 Unusual Words (Level AAA) (this is a recommendation, the city of Taunton does not need to comply to level AAA) |
| Layout Consistency | Elements that have the same functionality across multiple web pages are consistently identified. For example, a search box at the top of the site should always be labeled the same way. | Make sure your page layout is consistent across your website | 3.2.4 Consistent Identification (Level AA) |
| Time sensitive | Give users control over time sensitive content changes. Avoid automatic refreshes or redirects. Allow users to control content updates or changes. Avoid unnecessary time-outs or expirations. Allow users to request more time. | | |
| Orientation | Use breadcrumbs, indicators, or cues to indicate location or progress | | |

| | <u>Issue</u> | <u>Solution</u> | <u>Requirement</u> |
|---------------------------|---|---|--|
| | Provide multiple methods for finding content. A logical navigation, search functionality, index, site map, table of contents, links within body text, supplementary or related links section, etc. all provide multiple ways for users to find content. | | |
| Page Title | Missing or uninformative page title. A descriptive title helps users understand a page's purpose or content. Without a proper title, many users (especially those using screen readers or other assistive technology) may have difficulty orienting themselves to the page. | Add a brief, descriptive and informative page title. Ideally the page title should correspond with the name of the link you clicked on to get to this page. | 2.4.2 Page Titled (Level A) |
| Page Language | The language of the document is not identified. Identifying the language of the page allows screen readers to read the content in the appropriate language. It also facilitates automatic translation of content. | Identify the document language using the <html lang> attribute (e.g., <html lang="en">). | 3.1.1 Language of Page (Level A) |
| Avoid distractions | Animation, varying or unusual font faces, contrasting color or images, or other distracters that pull attention away from content should be avoided. Complex or "busy" background images can draw attention away from the content. | Avoid pop-up windows and blinking or moving elements. | |

| | <u>Issue</u> | <u>Solution</u> | <u>Requirement</u> |
|---------------------------------------|--|-----------------|--------------------|
| Use white space for separation | White space is a design term that refers to empty space between elements in a page. It is not necessarily the color white. White space should be used to separate navigation from main body, body text from side elements and footer, main content from supplementary items (floating boxes, for example) and to separate headings, paragraphs, and other body text. | | |

Resources

Guidelines

World Wide Web Consortium, Web Accessibility Initiative <http://www.w3.org/WAI/>
Section 508 Standards <http://www.access-board.gov/sec508/standards.htm>

Groups

Web Accessibility in Mind (Web AIM) www.webaim.org
Assistive Technology Industry Association <http://www.atia.org>

Captioning and Transcripts and Video Remote Interpreting

Captions and Transcription Services
http://www.uiaccess.com/transcripts/transcript_services.html
Open Source Subtitling Tool <http://www.universalsubtitles.org/en/>
Purple Video Remote Interpreting <http://www.purple.us/>

Audio Description of Visual Information

Web AIM <http://webaim.org/techniques/word/>
University of Wisconsin at Madison <http://www.doit.wisc.edu/accessibility/online-course/index.htm>

University of Washington, Accessible Multimedia Brochure

http://www.washington.edu/doit/Brochures/Technology/vid_sensory.html

Multi-media Access Generator (MAGpie)

http://ncam.wgbh.org/invent_build/web_multimedia/tools-guidelines/magpie

Audio Description <http://www.astc.org/resource/access/medad.htm>

Guidelines for Visual Descriptions:

<http://www.csun.edu/cod/conf/2001/proceedings/0031alonzo.htm>

Tools

WAVE Accessibility Evaluator <http://wave.webaim.org/>

Open Source Screen Reader <http://www.nvda-project.org/>

JAWS Screen Reader <http://www.freedomscientific.com/products/fs/jaws-product-page.asp>

Lynx Viewer (View Website in Text Only Format) <http://www.delorie.com/web/lynxview.html>

Applications

JW Media Player <http://www.washington.edu/accessit/articles?1251>

YouTube with an “Accessible Skin” <http://icant.co.uk/easy-youtube/docs/index.html>

Software and Service Providers

Net Centric Technologies (PDF Conversions) www.CommonLook.com