

# Wentworth Hall – Islington Branch Library



## Town of Westwood ADA Transition Plan

August 2023



Institute for Human Centered Design

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### Background

Year Built: 2022

Wentworth Hall – Islington Branch Library is located at 273 Washington Street and has a first floor and a basement. Outside the facility, there is a bus stop located on the east side of the building. Two (2) parking lots are provided, one (1) on the south side of the building with two (2) car and one (1) van compliant accessible parking spaces and an additional parking lot on the west side with one (1) compliant car and one (1) non-compliant van accessible parking spaces.

The building has one (1) accessible main entrance, which is accessed from the parking lot. There is one (1) inaccessible secondary entrance from the east side of the building.

Areas surveyed that are open to the public on the first floor include the Youth and Family Services and Early Childhood Development offices, and library with self-checkout kiosk, reading areas, and circulation desk. There are two (2) single-user toilet rooms and a set of Hi-Lo drinking fountains in the lobby. Areas surveyed on the basement level include the large community room, small meeting room, conference room, and staff break room. IHCD staff was informed that the meeting rooms are currently not open to the public and so they are not included in this report. There is also one (1) single-user toilet room located near the staff break room.

### Key Accessibility Issues

#### Exterior Routes

Accessibility issues include routes with excessive running slopes.

#### Parking

Accessibility issues in the west parking lot include lack of the designation “Van Accessible” provided at the sign located at the van accessible parking space.

#### Stairs

Accessibility issues at interior and exterior stairs include handrails located higher than the maximum allowed and lack of a

handrail provided on both sides at the interior stair. Interior stairs also lack handrail extensions.

#### Signage

Accessibility issues include lack of exterior designation signs with raised characters and braille, signs not located on the latch side of the door, signs mounted higher than the maximum height allowed, designation signs with braille misplaced, signs with a noncompliant International Symbol of Accessibility (ISA), lack of designation signs with the correct room designation, lack of tactile signs (with braille and raised characters) at the emergency egresses, informational signage that contains glare, and lack of a directional sign at the north egress door directing visitors to an accessible means of egress.

#### Doors and Gates

Accessibility issues include doors and a gate that lack maneuvering clearance and interior and exterior doors require opening force greater than allowed.

#### Interior Elevator

Accessibility issues include lack of audible car position indicators inside the car.

#### Single-User Toilet Rooms

Accessibility issues include lack of clear floor space at the toilet rooms due to built-in trash cans, lack of side grab bars located 54” min. from the rear wall, items (such as paper towel dispensers) mounted above the grab bars, paper towel dispensers that act as protruding objects, lack of toe and knee clearance at the lavatories, and lack of knee clearance at the baby changing tables.

#### **Additional Accessibility Issues**

- Lack of minimum clear width at the interior access route at a stair due to the location of a stanchion.
- Many items (such as plants and an automatic external defibrillator (AED)) act as protruding objects.
- The service counter in the Youth and Family Services and Early Childhood Development offices is higher than allowed.

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- Lack of clear floor space at the self-checkout kiosk in the library.
- Lack of an accessible work surface in the children's area.

### Order of Magnitude Cost Estimates

- Renovate signage: \$3,966
- Renovate doors (including providing one (1) automatic door opener): \$4,311
- Renovate toilet rooms: \$7,280
- Renovate elevator: \$2,210
- Renovate stairs: \$1,976
- Renovate a service counter: \$880
- Miscellaneous corrective actions (cane-detectable barriers, work surfaces): \$1,308

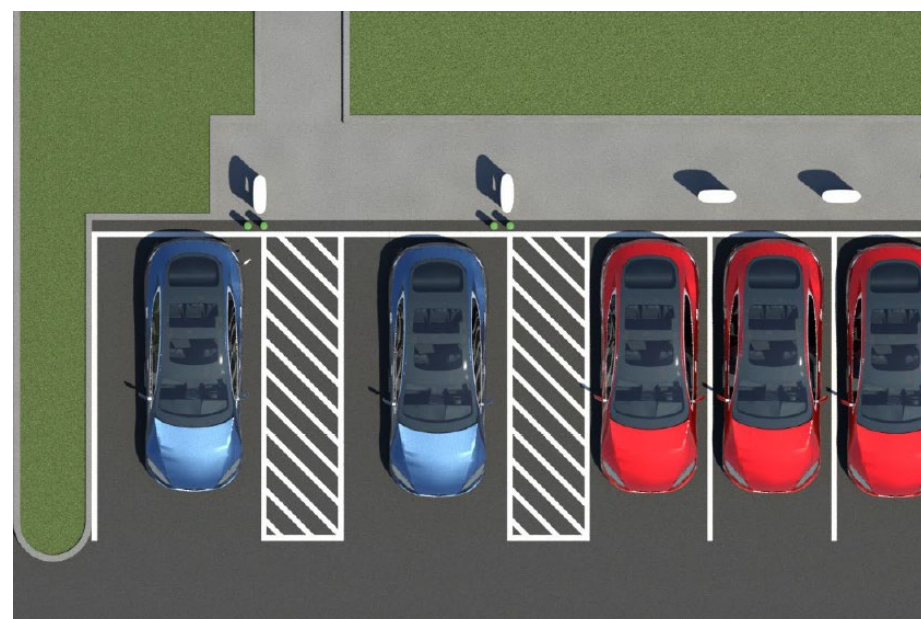
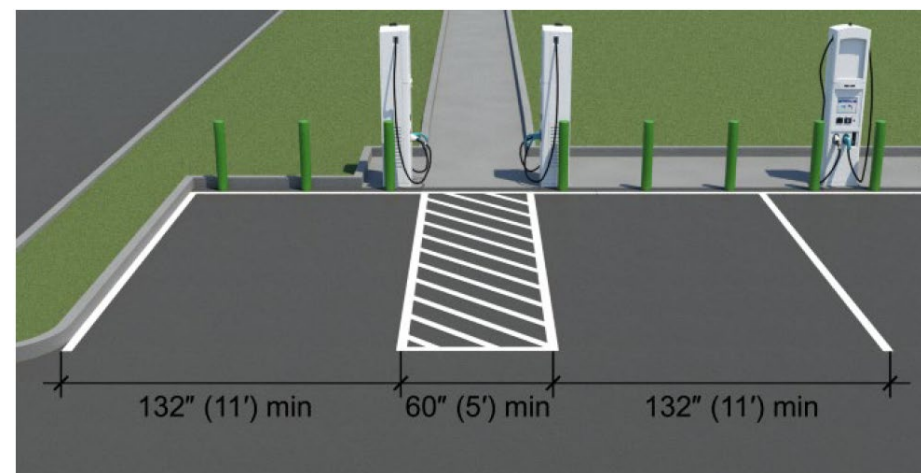
**Total: \$21,931\***




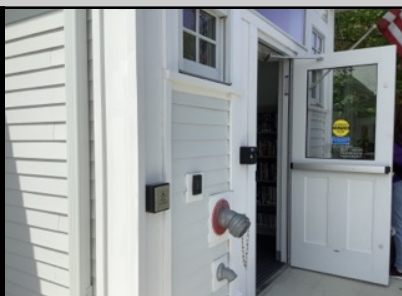
**\*Note:** IHCD is not providing costs for some exterior issues such as estimating the cost to repair expanses of sidewalk or walkway.

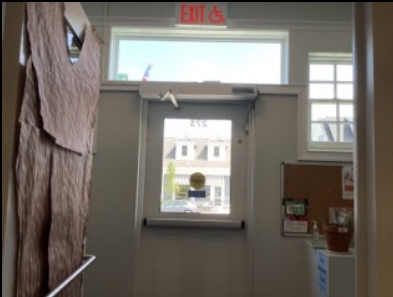

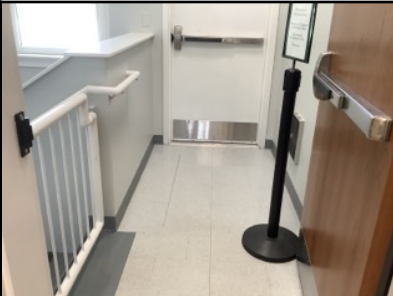


### Best Practice and Inclusive Design

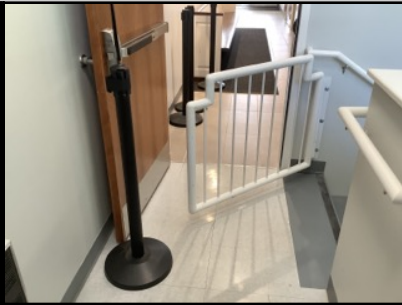



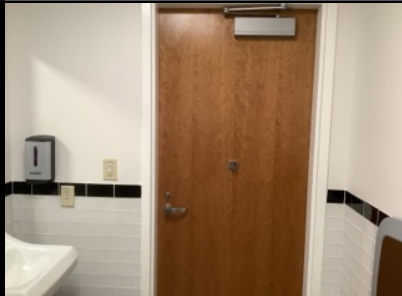
Best practice and inclusive design recommendations include elements that are not required in the standards but may create enhanced experiences for all users.




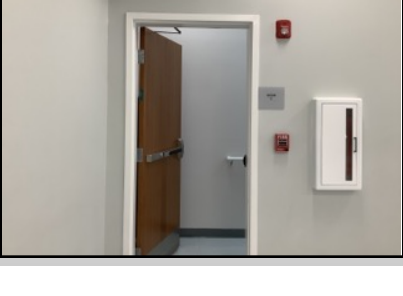
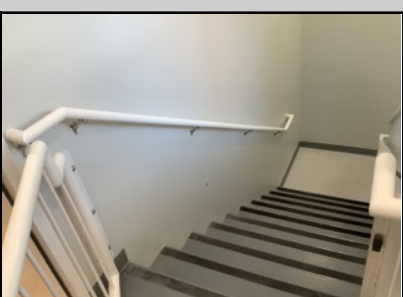
- Recommend providing a handrail, located between 33"- 36" on all sides of the interior elevator walls.
- At the entrance to the elevator on the first floor, recommend providing a contrast strip to prevent tripping at the compliant change in level.
- At Staircase 1, recommend providing a cautionary sign to open the door slowly, as users could be ascending the staircase.
- The ADA Standards do not include specific provisions for electric vehicle (EV) charging stations. However, it is advisable to address access to EV charging stations so that they are usable by people with disabilities. See <https://www.access-board.gov/tad/ev/> for design recommendations.








ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
<div style="border: 1px solid black; padding: 2px;">Approach and Entrance</div>												
<div style="border: 1px solid black; padding: 2px;">Exterior Access Route</div>												
1	Secondary Entrance to Main Entrance	Ext.		Exterior Access Route	Walkway		Running slope > 1:20 (5.00%)	7.9%	Reduce running slope to be no steeper than 1:20 (5.00%).	1	-	-
<div style="border: 1px solid black; padding: 2px;">Off-Street Parking Lot or Garage</div>												
2	West Parking Lot	Ext.		Off-Street Parking Lot or Garage	Visitor		Total # of parking Total # of designated car accessible parking spaces Total # of designated van accessible spaces Sign does not have the designation "Van Accessible"	35 2 0 -	Add the designation "Van Accessible" to the sign located at the left-most van accessible space.	1	650	\$650
											<b>650</b>	
<div style="border: 1px solid black; padding: 2px;">Exterior Stair</div>												
3	Stair by Secondary Entrance, West Egress	Ext.		Exterior Stair	N/A		Handrail height < 34" or > 38"	40.5"	Alter so the handrails are 34"- 38" high above the finished floor or ground.	1	Labor	Labor
<div style="border: 1px solid black; padding: 2px;">Entrance</div>												
4	Secondary Entrance, West Egress	Ext.		Entrance	Secondary Entrance		Door requires > 15 lbs. of force to open	18 lbs	Adjust closers so doors do not require more than 15 pounds of opening force.	1	Labor	Labor
<div style="border: 1px solid black; padding: 2px;">Access to Goods and Services</div>												




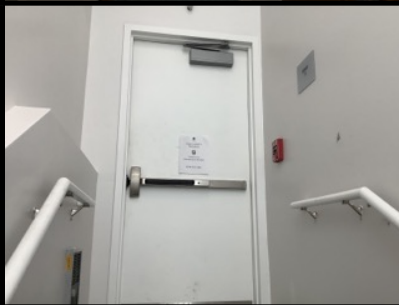

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
<b>Means of Egress</b>												
5	Secondary Entrance, West Egress	1	123	Means of Egress	N/A		Tactile exit sign not provided	-	Ensure that a tactile exit sign with raised characters and braille is provided at the exit door. Mount the sign between 48" - 60" above the finished floor located on the latch side of the door.	1	302	\$302
											<b>302</b>	
6	North Egress Door, Stair 1	1		Means of Egress	N/A		Tactile exit sign not provided Directional sign to accessible emergency exit not provided	- -	Ensure that a tactile exit sign with raised characters and braille is provided at the exit door. Mount the sign between 48" - 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit.	1	302 302	\$604
											<b>604</b>	
<b>Interior Access Route</b>												
7	To North Egress Door, Stair 1	1		Interior Access Route	N/A		Route < 36" wide	31"	Relocate the stanchion pole to ensure that a clear width of 36" min. is maintained at the accessible route.	1	Labor	Labor
8	Stair 1	1		Interior Access Route	N/A		Obstructed by protruding objects	8.75"	Provide a cane-detectable barrier underneath the automatic external defibrillator (AED).	1	398	\$398
											<b>398</b>	
9	Library	1	102	Interior Access Route	N/A		Obstructed by protruding objects	11.5"	Relocate the plant container or provide a cane-detectable barrier underneath it.	1	Labor	Labor

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
<b>Doors, Doorways, &amp; Gates</b>												
10	Stair 1	1		Doors, Doorways, & Gates	Circulation		Maneuvering clearance(s) not provided	44"	Relocate the stanchion to provide 48" clear floor space at the gate.	1	Labor	Labor
11	Office	1	110	Doors, Doorways, & Gates	Office		Maneuvering clearance(s) not provided	5"	Provide an automatic door opener.	1	3978	\$3978
											<b>3978</b>	
12	Office	1	110	Doors, Doorways, & Gates	Office		Maneuvering clearance(s) not provided	-	Relocate the dark blue chair to provide clear floor space at the doorway.	1	Labor	Labor
13	Stair 1	1		Doors, Doorways, & Gates	Circulation		Maneuvering clearance(s) not provided Door requires > 5 lbs. of force to open	10.25" 10 lbs	Relocate the fire extinguisher to provide 12" min. of maneuvering clearance at the push side of the door. Adjust closers so doors do not require more than 5 pounds of force to open.	1	333 Labor	\$333
											<b>333</b>	
14	Single-User Toilet Room	1		Doors, Doorways, & Gates	Toilet Room		Door requires > 5 lbs. of force to open	10 lbs	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	Labor






ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
15	Youth and Family Services and Early Childhood Departments	1	108	Doors, Doorways, & Gates	Office		Door requires > 5 lbs. of force to open	10 lbs	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	Labor
16	Secondary Entrance, West Egress	1	123	Doors, Doorways, & Gates	Emergency Egress		Door requires > 5 lbs. of force to open	15 lbs	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	Labor
17	Single-User Toilet Room	B		Doors, Doorways, & Gates	Toilet Room		Door requires > 5 lbs. of force to open	10 lbs	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	Labor
18	Stair 2, Large Meeting Room	B		Doors, Doorways, & Gates	Other		Door requires > 5 lbs. of force to open	11 lbs	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	Labor
<b>Stairways</b>												
19	Stair 1	1		Stairways	Egress		Handrail height < 34" or > 38"	39"	Alter so the handrails are 34"- 38" high above the floor.	2	Labor	Labor





ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
20	Stair 1	B		Stairways	Egress		Handrail not provided on both sides Handrails do not extend 12" from stairs	- -	Provide handrails on both sides. Bottom: Ensure handrails extend at least 12" plus the width of one tread beyond the bottom riser. Alternatively, continue the extension by wrapping it around the corner of the wall.	1	1716 260	\$1976
<b>Elevator</b>												
21	Elevator	B		Elevator	Interior		Audible & visible car position indicators not provided	-	Install audible car position indicators inside the elevator cabin.	1	2210	\$2210
<b>Signage</b>												
22	Main Egress	Ext.		Signage	Designation		Signage is not provided	-	Provide a designation sign, located on the latch side of the door, that includes text with raised characters duplicated in braille on the sign.	1	450	\$450
23	Stair 1	B		Signage	Egress		Raised characters < 48" or > 60" above ground	62"	Mount the sign so that the baseline of the lowest tactile character is 48" min. above finished floor and the baseline of the highest tactile character is 60" max. above the finished floor.	1	Labor	Labor
24	Stair 1	1		Signage	Designation		Raised characters < 48" or > 60" above ground Braille misplaced on sign	62" -	Mount the sign so that the baseline of the lowest tactile character is 48" min. above finished floor and the baseline of the highest tactile character is 60" max. above the finished floor. Position the braille below the corresponding text. If text is multi-lined place braille below the entire text.	1	Labor 302	\$302
<b>302</b>												





**Town of Westwood  
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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
25	Library	1	102	Signage	Designation		Raised characters < 48" or > 60" above ground Braille misplaced on sign	- -	Mount the sign so that the baseline of the lowest tactile character is 48" min. above finished floor and the baseline of the highest tactile character is 60" max. above the finished floor. Position the braille below the corresponding text. If text is multi-lined place braille below the entire text.	1	Labor 302	\$302
26	Youth and Family Services and Early Childhood Departments	1	108	Signage	Designation		Raised characters < 48" or > 60" above ground Braille misplaced on sign Designation sign is incorrect	62" - -	Mount the sign so that the baseline of the lowest tactile character is 48" min. above finished floor and the baseline of the highest tactile character is 60" max. above the finished floor. Position the braille below the corresponding text. If text is multi-lined place braille below the entire text. Provide a sign with the correct room designation.	1	Labor 302	\$302
27	Office	1	110	Signage	Designation		Raised characters < 48" or > 60" above ground Sign not located on the latch side of the door	61" -	Mount the sign so that the baseline of the lowest tactile character is 48" min. above finished floor and the baseline of the highest tactile character is 60" max. above the finished floor. Locate the sign at permanent rooms alongside the door on the latch side.	1	Labor	Labor
28	Stair 2, Large Meeting Room	B		Signage	Designation		Raised characters < 48" or > 60" above ground Sign not located on the latch side of the door	62" -	Mount the sign so that the baseline of the lowest tactile character is 48" min. above finished floor and the baseline of the highest tactile character is 60" max. above the finished floor. Locate the sign at permanent rooms alongside the door on the latch side.	1	Labor	Labor
29	Large Meeting Room	B		Signage	Designation		Sign not located on the latch side of the door	-	Locate the sign at permanent rooms alongside the door on the latch side.	1	Labor	Labor







ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
30	Conference Room	B		Signage	Designation		Sign not located on the latch side of the door	-	Locate the sign at permanent rooms alongside the door on the latch side.	1	Labor	Labor
31	Main Egress	Ext.		Signage	Informational		Non-glare finish and contrast not provided on sign	-	Install a sign with a non-glare finish.	1	450	\$450
											<b>450</b>	
32	Single-User Toilet Rooms	1		Signage	Designation		International Symbol of Acc. not compliant	-	Provide a sign with the required International Symbol of Accessibility (ISA).	2	302	\$604
											<b>604</b>	
<b>Service Counter</b>												
33	Lobby, Youth and Family Services and Early Childhood Departments	1	110	Service Counter	N/A		Counter > 36" high	43"	Provide a counter that is 36" max. above the ground or finished floor.	1	880	\$880
											<b>880</b>	
<b>Operable Parts / Reach Range</b>												
34	Library	1	102	Operable Parts / Reach Range	Equipment		Clear floor space is not provided	-	Relocate the self-checkout kiosk to ensure a 30" min. by 48" min. clear floor space is provided.	1	Labor	Labor

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
<b>Dining or Work Surfaces</b>												
35	Library	1	102	Dining or Work Surfaces	Work Surface		Knee or toe clearance not provided	19.5"	For children, provide at least one work surface with 24" min. high knee and toe clearance.	1	910	\$910
											<b>910</b>	
<b>Toilet &amp; Bathing Rooms</b>												
<b>Lavatory</b>												
36	Single-User Toilet Room	1		Lavatory	N/A		Toe or knee clearances not provided	26"	Provide at least one lavatory with knee and toe clearance positioned for a forward approach.	1	2192	\$2192
											<b>2192</b>	
<b>Single-User Toilet</b>												
37	Single-User Toilet Room	B		Single-User Toilet	N/A		Side grab bar < 54" from back wall < 42" clear deep in front of toilet (MAAB) Item mounted over grab bar (MAAB)	49.75" 37" -	Provide a side wall grab bar that is 42" long min. located 12" max. from the rear wall. Relocate the mounted trash can to ensure that there is 42" clear deep min. in front of the toilet bowl. Relocate paper towel dispenser so that it is not mounted over the grab bar.	1	1167 459 459	\$2085
											<b>2085</b>	
38	Single-User Toilet Room	1		Single-User Toilet	N/A		Side grab bar < 54" from back wall < 42" clear deep in front of toilet (MAAB) Item mounted over grab bar (MAAB)	49.75" 37" -	Provide a side wall grab bar that is 42" long min. located 12" max. from the rear wall. Relocate the mounted trash can to ensure that there is 42" clear deep min. in front of the toilet bowl. Relocate the paper towel dispenser so that it is not mounted over the grab bar.	1	1167 459 459	\$2085
											<b>2085</b>	

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
<b>Dispensers</b>												
39	Single-User Toilet Room	1		Dispensers	Paper Towel Dispenser		Dispenser acts as a protruding object	9.75"	When relocating the paper towel dispenser out of the circulation path, ensure a cane-detectable barrier, like a trash can, is placed underneath it.	1	Labor	Labor
40	Single-User Toilet Room	B		Dispensers	Paper Towel Dispenser		Dispenser acts as a protruding object	9.5"	When relocating the paper towel dispenser out of the circulation path, ensure a cane-detectable barrier, like a trash can, is placed underneath it.	1	Labor	Labor
<b>Baby Changing Table</b>												
41	Single-User Toilet Room	1		Baby Changing Table	N/A		Changing table lacks 27" high knee clearance	24"	Ensure that the baby changing table surface has 27" high min. knee and toe clearance positioned for a forward approach.	1	459	\$459
42	Single-User Toilet Room	B		Baby Changing Table	N/A		Changing table lacks 27" high knee clearance	22.5"	Ensure that the baby changing table surface has 27" high min. knee and toe clearance positioned for a forward approach.	1	459	\$459
<b>Best Practice</b>												

459

459

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
<b>Elevator</b>												
43	Elevator	B		Elevator	Interior			-	Recommend providing a handrail, located between 33"- 36" on all sides of the elevator walls.	2	-	-
<b>Interior Access Route</b>												
44	Elevator	1		Interior Access Route	N/A			-	Recommend providing a contrast strip to prevent tripping at the compliant change in level.	1	-	-
<b>Parking Lot</b>												
45	West Parking Lot, Electric Vehicle Charging Station	Ext.		Parking Lot	Visitor			-	The ADA Standards do not include specific provisions for electric vehicle (EV) charging stations. However, it is advisable to address access to EV charging stations so that they are usable by people with disabilities. See <a href="https://www.access-board.gov/tad/ev/">https://www.access-board.gov/tad/ev/</a> for design recommendations.	1	-	-
<b>Signage</b>												
46	Stair 1	1		Signage	Informational			-	Recommend providing a cautionary sign to open the door slowly, as users could be ascending the staircase.	1	-	-