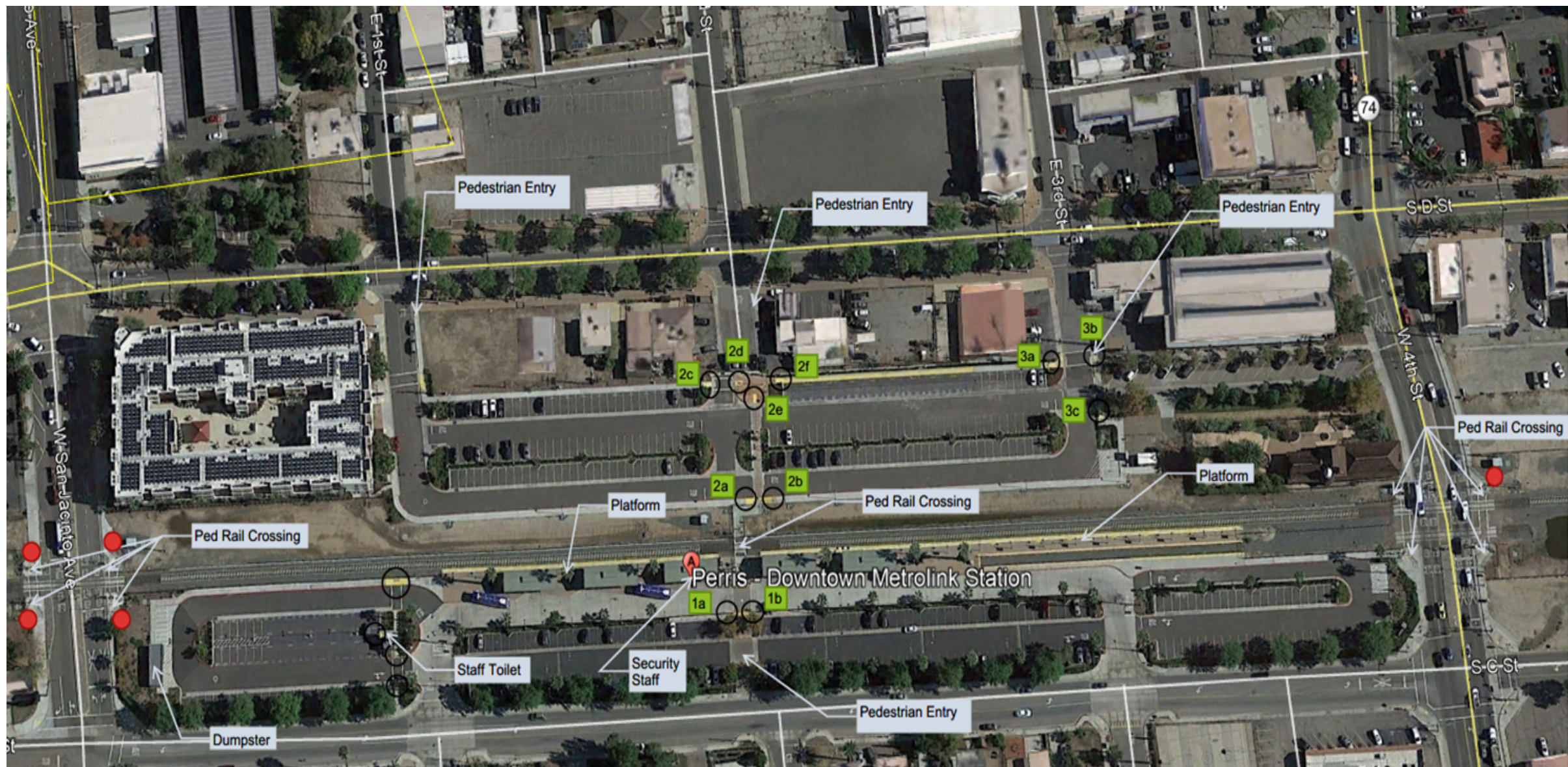


Evaluation of Physical Barriers – Downtown Perris Station

Address: 121 S C street St, Perris, CA 92570

Evaluation Date: 08-10-2021

These elements were assessed to identify any physical barriers:


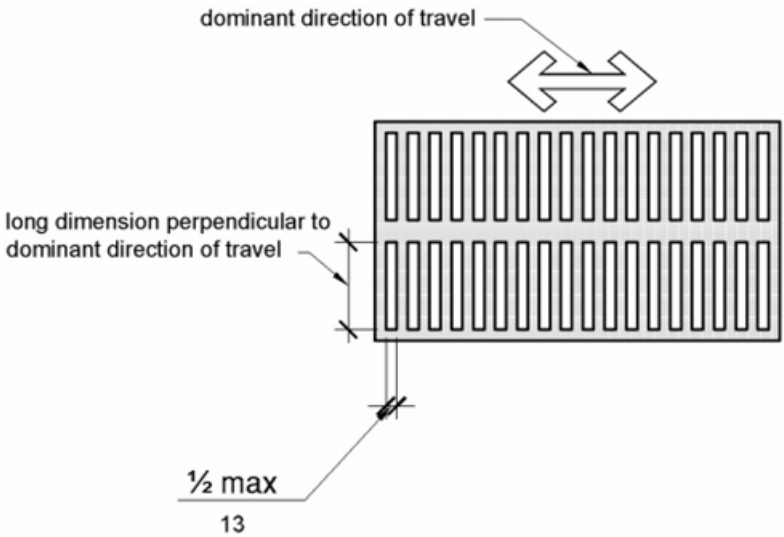


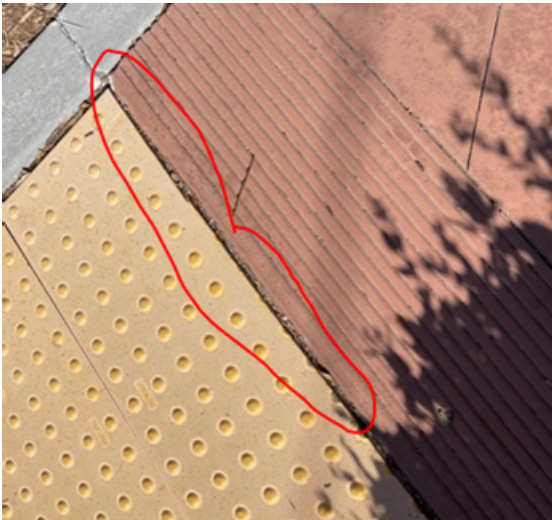

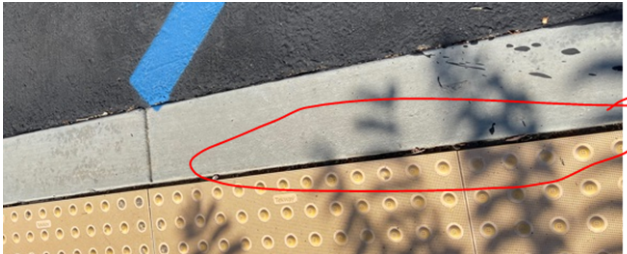
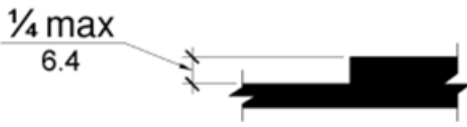
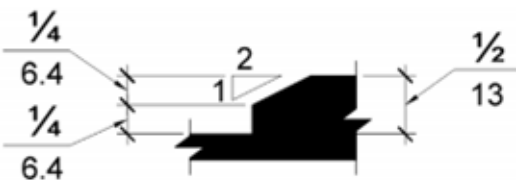
1. Curb ramps (1a-1b, 2a-2b, 2c-2d, 3a-3b, 5a, 4a-4b)
2. Pedestrian road crossings
 - a. Pedestrian push button signals (where applicable)
3. Accessible routes
 - a. Walking surfaces
4. Platforms
 - a. Walking surfaces
 - b. Mini High platforms and ramps
5. Pedestrian rail crossings
6. Access to public amenities
 - a. Ticket Vending/validation machines (TVM),
 - b. Drinking fountain
 - c. Communication Systems- passenger information phones, blue emergency phones, yellow call boxes, service phones, emergency phones.
 - d. Trash cans,
 - e. Vending machines
 - f. Benches
 - g. Rack of flyers
7. Accessible parking spaces
8. Bus stops
9. Signage
10. Public Address Systems
11. Staff facilities
 - a. Security Staff Facility
 - b. Staff Toilet
 - c. Dumpster.



Year of Construction: 2013

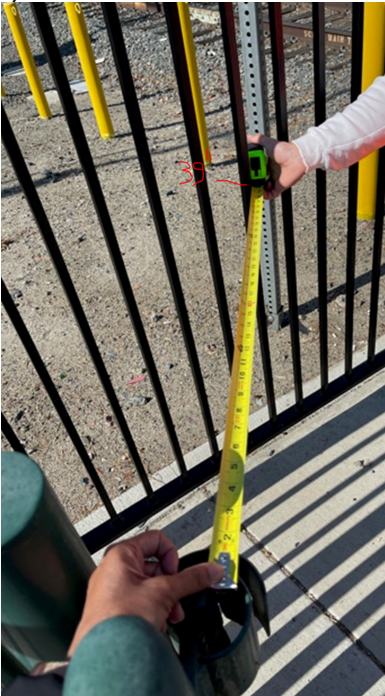

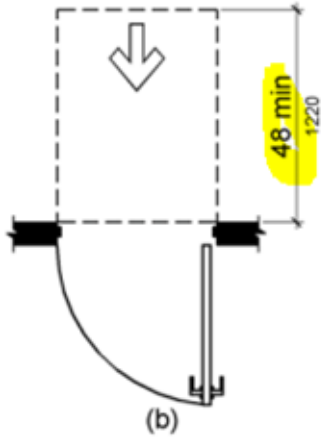
Applicable ADA Standards: DOT's ADA standards (2006), and DOJ 2010 ADA Standards.


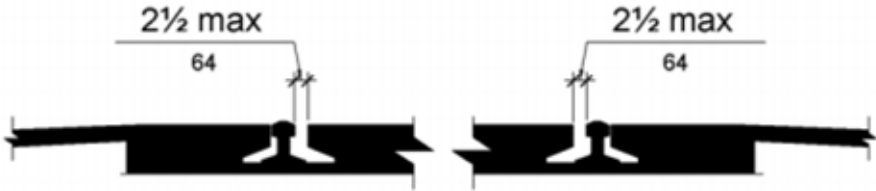

Note: Criteria used to assess the elements were based on DOJ 2010 standards, DOT's ADA standards (2006), DIB 82-06, and PROWAG.



Issues/Barriers Identified	Recommendations	Comments/ADA Requirements
1. Curb Ramps		Curb ramps are labeled on the aerial view on page 1
<p>All sidewalk curb ramp slopes are found to be OK. Detectable Warning Surface (DWS) tiles have developed level changes at some locations which currently do not exceed ¼” but they need to be maintained to eliminate any trip hazards.</p> <p>Curb ramps along the C and D streets are not evaluated as these are not under RCTC’s authority.</p>	<p>Examine and repair DWS to eliminate level changes.</p>	<p>See item 3 for ADA requirements</p> <p>This evaluation does not include curb ramps outside the RCTC boundary. RCTC is not responsible for maintaining the accessible routes outside of RCTC boundary.</p> <p>When repairs begin, use proper and precise instruments (4-foot smart level and 2-foot smart level) to fit within the curb ramp width and the adjacent gutter to measure ramp slopes, cross slopes, and counter slopes at all curb ramps (all stations). The long slope of ramp shall not exceed 1:12 (8.33%). Slope of flared sides shall not exceed 1:10 (10%), the gutter slope shall not exceed 1:20 (5%). Cross slope of the ramp and landing shall not exceed 1:50 (2%)</p> <p>Use smart level instruments, calibrated in accordance with manufacturer’s instructions before taking measurements.</p>
2. Pedestrian Road crossings		
No issues found with pedestrian road crossing on the accessible route within RCTC boundary	No action by RCTC	
a) Pedestrian Push Button- Not Applicable	No action by RCTC	
3. Accessible Routes		
a) Walking surface		
<p>i. Gaps and joints in concrete sidewalks on the accessible route are more than ¼” deep and ½” wide, and</p> 	<p>Examine accessible routes in entirety.</p> <p>Every joint deeper than ¼” and wider than ½” shall be filled.</p> <p>Every level change along the accessible route greater than ¼” and less than ½” height needs to be beveled (1:2) slope or repaired.</p> <p>Every level change greater than ½” needs to have a ramped surface (1:12) slope.</p>	 <p>Figure 302.3 Elongated Openings in Floor or Ground Surfaces</p>


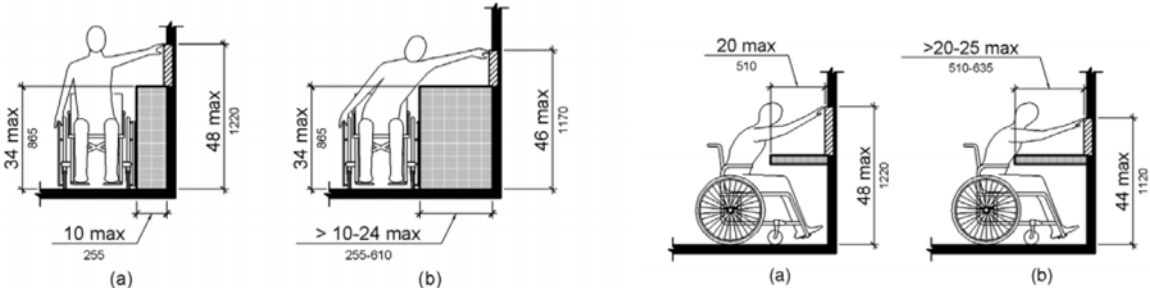
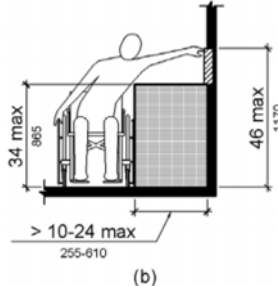
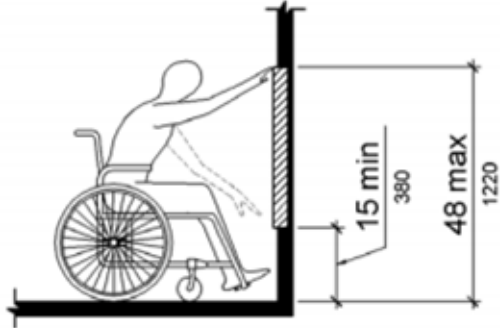
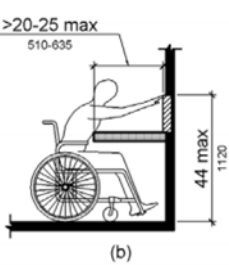

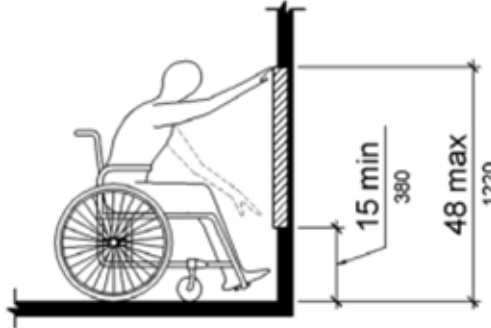
Issues/Barriers Identified	Recommendations	Comments/ADA Requirements
<p>ii. Sealant/filler strips are missing.</p>  <p>Image at Pedestrian entry route from rear parking lot</p>		
<p>iii. Trip hazards on the accessible route</p>  <p>Image of change in level at main pedestrian entry (central)</p> <p>iv. At the DWS along the accessible route, open gaps create a trip hazard. Some DWS tiles have risen and create level changes.</p> 	<p>Eliminate all trip hazards at level changes higher than $\frac{1}{4}$"</p>	<div data-bbox="1526 828 1970 1030">  <p>Figure 303.2 Vertical Change in Level</p> </div> <div data-bbox="2293 828 2784 1090">  <p>Figure 303.3 Beveled Change in Level</p> </div>



Issues/Barriers Identified		Recommendations	Comments/ADA Requirements
<p>v. Aisles at the ADA parking spots have level changes where asphalt is higher than the concrete which creates trip hazards</p> 			
<p>Image of change in level at concrete and asphalt interface</p>			
4. Platforms			
a. Walking Surfaces			
<p>i. General: Joints. Level changes and gaps in pavements, and closure plates to be repaired or maintained for compliance with ADA Standard figures 302.3, 303.2, and 303.3. See item 3a</p> <p>ii. Utility covers are not ADA complaint due to open holes larger than ½" diameter. ADA compliant flooring cannot allow the passage of a sphere greater than 1/2" in diameter (i.e. not bigger than the diameter of a cane)</p> 		<p>Examine all pedestrian routes and repair all cracks and open joints</p> <p>Every joint in concrete deeper than ¼" and wider than ½" shall be filled.</p> <p>Every level change along the accessible route greater than ¼" and less than ½" height needs to be beveled (1:2) slope or repaired.</p> <p>Every level change greater than ½" needs to have a ramped surface (1:12) slope.</p> <p>Every hole larger than ½" diameter shall be filled.</p>	<p>Same as item 3a</p>
b. Mini High Platforms and Ramps			
No Issues found			


Issues/Barriers Identified	Recommendations	Comments/ADA Requirements
5. Pedestrian Rail Crossings		
<p>i. Detectable Warning Surface (DWS) is 24 inches wide, which complies with ADA Standards and PROWAG, but not with DIB-82—06 4.3.14</p>	<p>Provide DWS as required to comply with applicable standards.</p>	<p>PROWAG</p> <p>R208 Detectable Warning Surfaces</p> <p>R208.1 Where Required. Detectable warning surfaces complying with R305 shall be provided at the following locations on pedestrian access routes and at transit stops:</p> <ol style="list-style-type: none">1. Curb ramps and blended transitions at pedestrian street crossings;2. Pedestrian refuge islands;3. Pedestrian at-grade rail crossings not located within a street or highway;4. Boarding platforms at transit stops for buses and rail vehicles where the edges of the boarding platform are not protected by screens or guards; and5. Boarding and alighting areas at sidewalk or street level transit stops for rail vehicles where the side of the boarding and alighting areas facing the rail vehicles is not protected by screens or guards. <p>R305.1.4 Size. Detectable warning surfaces shall extend 610 mm (2.0 ft) minimum in the direction of pedestrian travel.</p> <p>R305.2.5 Pedestrian At-Grade Rail Crossings. At pedestrian at-grade rail crossings not located within a street or highway, detectable warning surfaces shall be placed on each side of the rail crossing. The edge of the detectable warning surface nearest the rail crossing shall be 1.8 m (6.0 ft) minimum and 4.6 m (15.0 ft) maximum from the centerline of the nearest rail. Where pedestrian gates are provided, detectable warning surfaces shall be placed on the side of the gates opposite the rail.</p> <p>Per DIB-82—06 4.3.14: Detectable Warning Surface - Detectable warning surfaces shall extend 3 feet in the direction of pedestrian travel. 24 inches wide DWS is acceptable per PROWAG R305.1.4 Size, Detectable warning surfaces shall extend 610 mm (2.0 ft) minimum in the direction of pedestrian travel.</p>
<p>ii. Clear space at gates on push side (North crossing- at all gates, South crossing- at one gate) is less than 48 inches.</p> <div></div>	<p>Clear space to be provided to allow ADA compliant access to gates when the arm is down.</p>	<div><p>(b) front approach, push side</p></div>

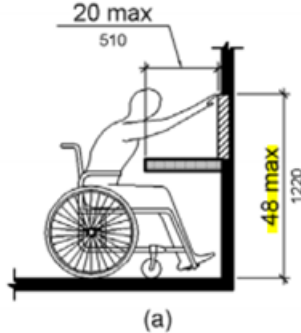
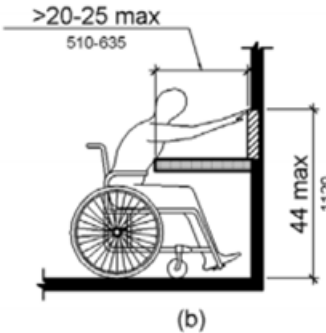
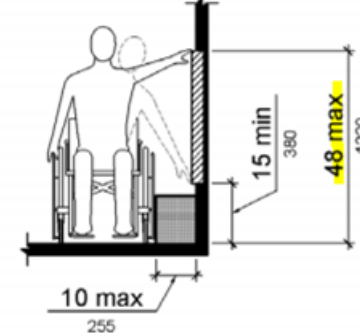
Issues/Barriers Identified		Recommendations	Comments/ADA Requirements
iii. Trip hazards exist at asphalt and concrete interface at the track crossings (all locations).		Remove trip hazards. See item 3.	810.10 Track Crossings. Where a circulation path serving boarding platforms crosses tracks, it shall comply with 402.
			
iv. Flange filler strip needs to be replaced. The wheel flange gap is slightly higher than 2 1/2"		Flange filler strip needs to be replaced to maintain 2 1/2" maximum gap for wheel flanges.	<p>EXCEPTION: Openings for wheel flanges shall be permitted to be 2½ inches (64 mm) maximum.</p>  <p>Figure 810.10 (Exception) Track Crossings</p>
			
6. Amenities			
a) TVM's			


Issues/Barriers Identified	Recommendations	Comments/ADA Requirements
<p>TVM's are not in RCTC's scope. However, they are considered as being compliant to ADA requirements per information found on website https://metrolinktrains.com/ticketsOverview/where-to-buy/ticket-machines/</p> 	<p>Adequate clear space is provided at TVM's. No action.</p>	
<p>b) Drinking Fountains</p>		
<p>Water flow in drinking fountain near staff facility needs to be checked and adjusted There are no drinking fountains at station entrance.</p> 	<p>Adjust as required.</p>	<p>602.6 Water Flow. The spout shall provide a flow of water 4 inches (100 mm) high minimum and shall be located 5 inches (125 mm) maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3 inches (75 mm) of the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 inches (75 mm) and 5 inches (125 mm) maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum.</p>

Issues/Barriers Identified	Recommendations	Comments/ADA Requirements
c) Telephones/ Communication Systems	See Attachment 9, Action Plan for recommendations	Clear space and reach ranges are found to be compliant. All instruments are to be tested regularly for compliance by the responsible authorities.
i. Passenger Information Phone: 	No action by RCTC	<p>704.2.1 Clear Floor or Ground Space. A clear floor or ground space complying with 305 shall be provided. The clear floor or ground space shall not be obstructed by bases, enclosures, or seats.</p> <p>704.2.2 Operable Parts. Operable parts shall comply with 309. Telephones shall have push-button controls where such service is available.</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p>(a)</p> </div> <div style="text-align: center;">  <p>(b)</p> </div> <div style="text-align: center;">  <p>(a)</p> </div> <div style="text-align: center;">  <p>(b)</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <p>Figure 308.3.2 Obstructed High Side Reach</p> <p>Figure 308.2.2 Obstructed High Forward Reach</p> </div>
ii. Blue Emergency Phones: 		<p>308.2 Forward Reach.</p> <p>308.2.1 Unobstructed. Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.</p> <div style="text-align: center;">  <p>Figure 308.2.1 Unobstructed Forward Reach</p> </div>

Issues/Barriers Identified		Recommendations	Comments/ADA Requirements
<p>iii. Yellow call boxes: Yellow call box in the parking lot is not on an accessible route</p> 		Provide call box on the accessible route also.	
d) Trash cans			
<p>No issues found.</p> 		No action by RCTC	
e) Vending Machines			
Not under RCTC's authority. No issues found with heights of operable components.		No action by RCTC	The Americans with Disabilities Act (ADA) requires all operable components of the vending machine to be between 15" and 48" up from the floor.

Issues/Barriers Identified	Recommendations	Comments/ADA Requirements																								
f) Benches																										
<div>Benches: No issues found</div> <div></div>	No action by RCTC	R212.6 Benches. At least 50 percent, but no less than one, of benches at each location shall provide clear space complying with R404 adjacent to the bench. The clear space shall be located either at one end of the bench or shall not overlap the area within 460 mm (1.5 ft) from the front edge of the bench. Benches at tables are not required to comply.																								
7. Parking																										
Total number of parking space count including 46 accessible spaces = 434	No action by RCTC. Number of ADA and van accessible spaces is compliant.	<p>208.2 Minimum Number. Parking spaces complying with 502 shall be provided in accordance with Table 208.2 except as required by 208.2.1, 208.2.2, and 208.2.3. Where more than one parking <i>facility</i> is provided on a <i>site</i>, the number of <i>accessible spaces</i> provided on the <i>site</i> shall be calculated according to the number of <i>spaces</i> required for each parking <i>facility</i>.</p> <table><caption>Table 208.2 Parking Spaces</caption><tr><th>Total Number of Parking Spaces Provided in Parking Facility</th><th>Minimum Number of Required Accessible Parking Spaces</th></tr><tr><td>1 to 25</td><td>1</td></tr><tr><td>26 to 50</td><td>2</td></tr><tr><td>51 to 75</td><td>3</td></tr><tr><td>76 to 100</td><td>4</td></tr><tr><td>101 to 150</td><td>5</td></tr><tr><td>151 to 200</td><td>6</td></tr><tr><td>201 to 300</td><td>7</td></tr><tr><td>301 to 400</td><td>8</td></tr><tr><td>401 to 500</td><td>9</td></tr><tr><td>501 to 1000</td><td>2 percent of total</td></tr><tr><td>1001 and over</td><td>20, plus 1 for each 100, or fraction thereof, over 1000</td></tr></table>	Total Number of Parking Spaces Provided in Parking Facility	Minimum Number of Required Accessible Parking Spaces	1 to 25	1	26 to 50	2	51 to 75	3	76 to 100	4	101 to 150	5	151 to 200	6	201 to 300	7	301 to 400	8	401 to 500	9	501 to 1000	2 percent of total	1001 and over	20, plus 1 for each 100, or fraction thereof, over 1000
Total Number of Parking Spaces Provided in Parking Facility	Minimum Number of Required Accessible Parking Spaces																									
1 to 25	1																									
26 to 50	2																									
51 to 75	3																									
76 to 100	4																									
101 to 150	5																									
151 to 200	6																									
201 to 300	7																									
301 to 400	8																									
401 to 500	9																									
501 to 1000	2 percent of total																									
1001 and over	20, plus 1 for each 100, or fraction thereof, over 1000																									
8. Bus Stops																										
No issues found with bus stops within the RCTC boundary.	Examine regularly and maintain accessible routes to permit safe ambulation.	810.2.3 Connection. <i>Bus stop boarding and alighting areas shall be connected to streets, sidewalks, or pedestrian paths by an accessible route complying with 402.</i>																								

Issues/Barriers Identified	Recommendations	Comments/ADA Requirements
9. Signage		
a) Post mounted signs in the accessible route were evaluated to confirm minimum/ maximum projections and minimum clearances from the finished floor. Standard station signage is required to comply with SCRRRA /Metrolink standard details (ES 3000) found at this link. https://metrolinktrains.com/globalassets/about/engineering/3000-stations.pdf	No action by RCTC. Signage is by SCRRRA/Metrolink	810.6 Rail Station Signs. Rail station signs shall comply with 810.6. EXCEPTION. Signs shall not be required to comply with 810.6.1 and 810.6.2 where audible signs are remotely transmitted to hand-held receivers, or are user- or proximity-actuated. SCRRRA/Mertolink is responsible for the signage.
10. Public Address		
There are LCD/LED Message screens at the stations that will show information that is conveyed on the public address system, both of which are controlled by SCRRRA. These are not under RCTC's authority.	No action by RCTC	810.7 Public Address Systems. Where public address systems convey audible information to the public, the same or equivalent information shall be provided in a visual format.
Written Emergency Evacuation procedures were not available	Update any existing emergency evacuation procedures to include evacuation of individuals with disabilities during an emergency.	Special procedures are required for assisting individuals with disabilities from a facility during an emergency.
11. Staff Facilities		
a) Security Staff Facilities		
The guard booth is provided as a shelter against weather and for use during breaks by security staff, who are expected to walk around the station site and physically address emergency situations.	Inform all contractors of their ADA obligations	Station Security services are contracted out and an ADA evaluation of the facilities used by the station security was not conducted as it is not Public Accessible and the Security Contractor requirements require the guards to be able to walk around the station site and physically address emergency situations.
b) Staff toilet		
i. Room identification sign is not provided ii. The paper towel dispenser appears to be higher than 48 A.F.F.	Provide compliant signs as per 216.2 or see Attachment 9, Action Plan for a non-structural solution. Relocate paper towel dispenser at 48" max. to comply with 308.2.2 and 308.3.1	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    Figure 308.2.2 Obstructed High Forward Reach Figure 308.3.1 Unobstructed Side Reach

Issues/Barriers Identified	Recommendations	Comments/ADA Requirements
<p>c) <u>Trash / Dumpster Enclosure</u></p> <p>The trash dumpster is on an ADA compliant route and provided with accessible gate.</p> 	<p>Door to be inspected for compliance to accessible hardware requirements and maneuvering clearances at door/gate.</p>	<p>203.9 Employee Work Areas. Spaces and elements within employee work areas shall only be required to comply with 206.2.8, 207.1, and 215.3 and shall be designed and constructed so that individuals with disabilities can approach, enter, and exit the employee work area.</p>