

Evaluation of Physical Barriers – Pedley Station

Address: 6001 Pedley Rd, Riverside, CA 92509

Evaluation Date: 08-05-2021



These elements were assessed to identify any physical barriers:




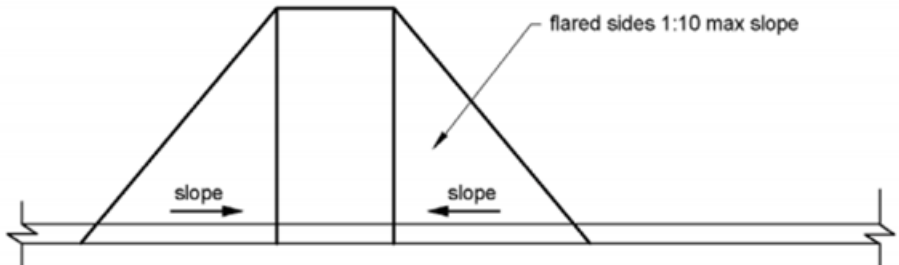
- 1. Curb ramps (1a-1b, 2a-2b, 3a-3b, 3c-3d, 4a-4b, 5a, 5b 6a-6b, 7a-7b)
- 2. Pedestrian road crossings
 - a. Pedestrian push button signals (where applicable)
- 3. Accessible routes
 - a. Walking surfaces
- 4. Platforms
 - a. Walking surfaces
 - b. Mini High platforms and ramps
- 5. Pedestrian rail 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.
 - d. Trash cans,
 - e. Vending machines
 - f. Benches
- 7. Accessible parking spaces
- 8. Bus stops
- 9. Signage
- 10. Public Address Systems
- 11. Staff facilities
 - a. Security Staff Facility
 - b. Dumpster.


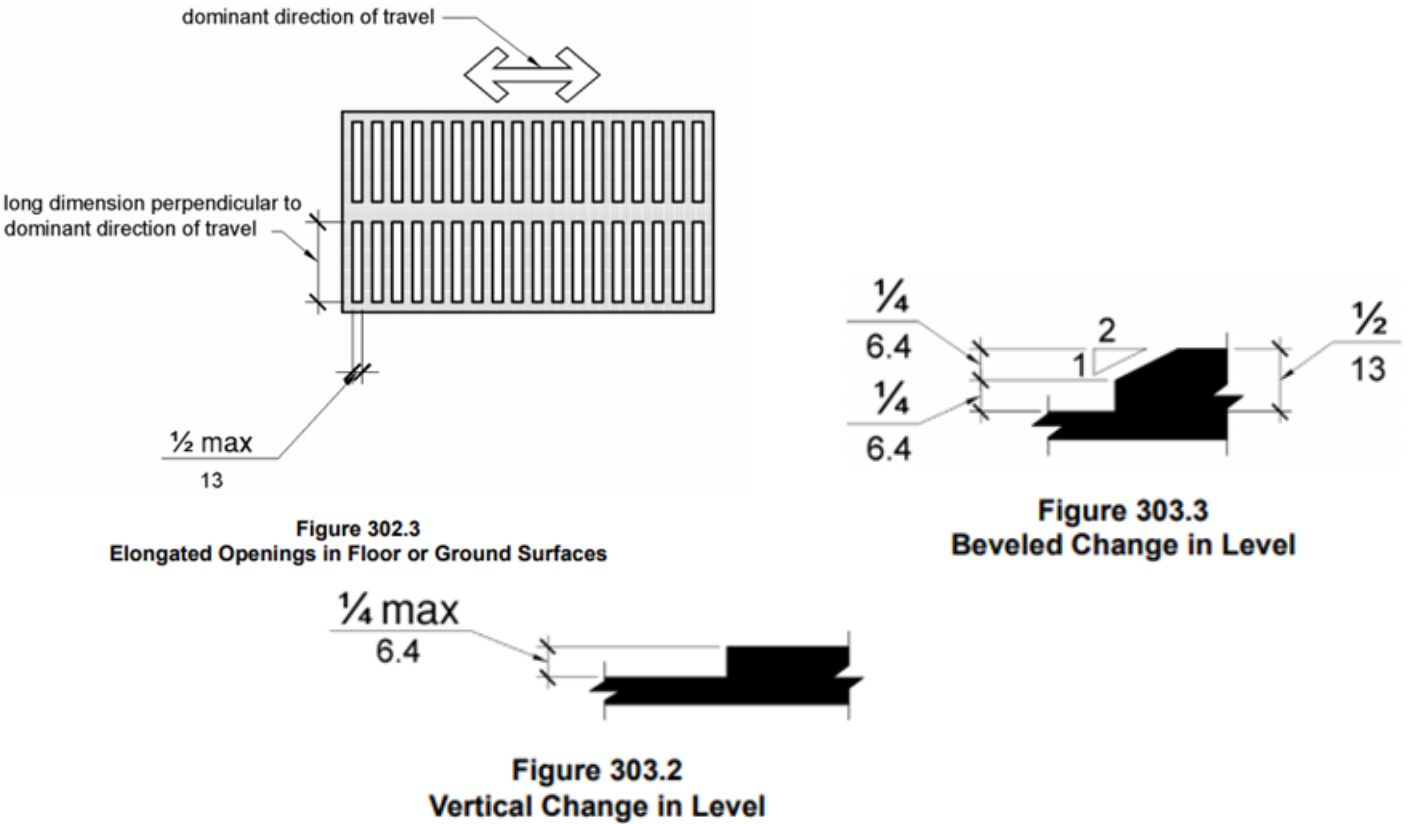

Year of Construction: Station- 10/14/1993; Alterations and Additions: Emergency Platform Extension: 6/24/2003, Parking Lot Re-surfacing: 4/17/2005


Applicable ADA Standards: 1991 Standards or UFAS, DOT's ADA standards (2006), and/or 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. Elements where the safe harbor clause per 28 CFR 35.151 (b) (4) (ii) (C) applies are assessed against 1991 standards.



28 CFR 35.151 (b) (4) (ii) (C) Safe harbor. If a public entity has constructed or altered required elements of a path of travel in accordance with the specifications in either the 1991 Standards or the Uniform Federal Accessibility Standards before March 15, 2012, the public entity is not required to retrofit such elements to reflect incremental changes in the 2010 Standards solely because of an alteration to a primary function area served by that path of travel.



Issues/ Barrier Identified	Recommendations	Comments/ ADA Requirements
<p>1. Curb Ramps</p> <p>1a, 1b - OK 2a- OK 2b- <i>Gutter Slope exceeds 1:20</i> 3a, 3b, 3c, 4a, 4b, 5a, 5b: Slope of ramp exceeds 8.33% and slope of flared sides exceed 1:10. Detectable Warning Surface (DWS) is missing. 6a, 6b, 7a, 7b: <i>Level changes exceed ¼" without bevel, DWS is missing.</i></p> <div data-bbox="102 483 481 967">  </div> <p>Typical 6a thru 7b</p> <div data-bbox="515 499 1072 967">  </div> <p>Typical 3a thru 5b</p>	<p>2B: Confirm the slope of the gutter with appropriate instrument and repair as required.</p> <p>Curb ramps 3a through 5b need to be replaced to comply with applicable ADA requirements by City of Riverside.</p> <p>Repair curb ramp 4a which is the main accessible entry route.</p> <p>Curb ramps 6a thru 7b – Examine and repair to eliminate level changes and apply DWS.</p>	<p>Curb ramps are labeled on the aerial view on page 1</p> <p>See item 3a also for other 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> <div data-bbox="1609 715 2262 856">  </div> <p>Figure 406.2 Counter Slope of Surfaces Adjacent to Curb Ramps</p> <p>406.3 Sides of Curb Ramps. Where provided, <i>curb ramp</i> flares shall not be steeper than 1:10.</p> <div data-bbox="1709 1078 2564 1330">  </div>
<p>2. Pedestrian Road crossings</p>		
<p>No issues found with pedestrian crossing on the accessible route 1a, 1b</p>	<p>No action by RCTC</p>	
<p>a) Pedestrian Push Button- Not Applicable</p>	<p>No action by RCTC</p>	




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3. Accessible Routes		
a) Walking surface		
<p>i. General: There are uneven joints and cracks observed in the concrete walkway along the accessible route. Sealant/filler in some deep joints is missing. This causes trip hazards and creates openings deeper than ¼” and wider than ½ inch.</p> 	<p>Examine all joints, cracks, and level changes along the accessible route.</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 with (1:12) slope.</p>	 <p>Figure 302.3 Elongated Openings in Floor or Ground Surfaces</p> <p>Figure 303.2 Vertical Change in Level</p> <p>Figure 303.3 Beveled Change in Level</p>
<p>Trails in the landscaped areas at the bus stops are not accessible. No accessible route leads to them and the walking path surface is not firm.</p> 	<p>If the park is not open for public use either, add signage prohibiting public access.</p>	





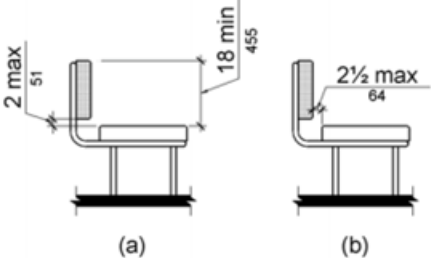
Issues/ Barrier Identified	Recommendations	Comments/ ADA Requirements
b) Elevator		
Not Applicable		
c) Pedestrian Bridge		
Not Applicable	No action by RCTC	
d) Stairs		
Not Applicable	No action by RCTC	
e) Ramps		
Not Applicable	No action by RCTC	
4. Platforms		
a. Walking Surfaces		
i. General: Joints. Level changes and gaps in concrete and closure plates to be repaired or maintained for compliance with 302.3, 303.2, and 303.3.	Examine all pedestrian routes and repair all cracks and open joints Every joint in concrete deeper than ¼” and wider than ½” shall be filled. Every level change along the accessible route greater than ¼” and less than ½” height needs to be beveled (1:2) slope or repaired. Every level change greater than ½” needs to have a ramped surface (1:12) slope.	Same as Item 3a
<div></div>		

Issues/ Barrier Identified	Recommendations	Comments/ ADA Requirements
<p>i. Utility covers are not ADA compliant due to missing filler pieces in lifting holes.</p> 	<p>Add filler pieces in all holes exceeding ½” diameter.</p>	
<p>b. Mini High Platforms</p>		
<p>No issues found.</p>		
<p>5. Pedestrian Rail Crossings</p>		
<p>i. Detectable Warning Surface (DWS) is missing at the pedestrian rail crossing which is the only accessible route to get to the other platform.</p> 	<p>Provide DWS</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>R305.2.5 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>


Issues/ Barrier Identified	Recommendations	Comments/ ADA Requirements
<p>ii. Drop off at the edges of pedestrian crossing landing exceeds 4 inches. This is not only a CA building code violation, but also and a fall hazard.</p> 	<p>Provide required correction (6 inch high curb) or a preventive barrier per DIB 82-06 4.3.11 and Title 24 11B-303.5</p>	<p>DIB 82-06 4.3.11: (1) Abrupt changes in level exceeding 4 inches in a vertical dimension between walks, sidewalks or other pedestrian ways and adjacent surfaces or features shall be identified by warning curbs at least 6 inches in height above the walk or sidewalk surface. Exception: a warning curb is not required between a walk or sidewalk and an adjacent street or driveway. [Title 24 11B-303.5 including Exception #1]</p>
<p>iii. Trip hazards exist at asphalt and concrete interface at the track crossing.</p> 	<p>Remove trip hazards. See item 3a.</p>	



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6. Amenities		
a) TVM's		
<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>	
b) Drinking Fountains		
<p>Drinking Fountain: Water flow to be tested</p> 	<p>Adjust water flow.</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>

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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.
<div>i. Passenger Information Phone: Clear space and reach ranges are found to be compliant</div> <div></div>		
<div>ii. Blue Emergency Phone. Not applicable at this station.</div>		
<div>iii. Yellow call boxes: No issues found. One of the two phones is on an accessible route.</div> <div></div>		

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d) Trash cans		
<div>No issues found with the height of trash cans</div> <div></div>	<div>No action by RCTC</div>	
e) Vending Machines		
<div>Not under RCTC's authority. No issues found with heights of operable components.</div>	<div>No action by RCTC</div>	<div>The Americans with Disabilities Act (ADA) requires all operable components of the vending machine to be between 15" and 48" up from the floor.</div>
f) Benches		
<div>Benches</div> <div></div> <div>Sheltered waiting area at entrance does not have clear space adjacent to the 50% of benches (with back support) under the shelter.</div>	<div>Relocate bench to provide clear space adjacent to that bench.</div> <div>Recommend providing some benches with back support on platforms</div>	<div><p>Figure 903.4 Bench Back Support</p><p>903.5 Height. The top of the bench seat surface shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum above the finish floor or ground.</p><p>903.2 Clear Floor or Ground Space. Clear floor or ground space complying with 305 shall be provided and shall be positioned at the end of the bench seat and parallel to the short axis of the bench.</p><p>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.</p><p>Advisory R212.6 Benches. Benches that provide full back support and armrests to assist in sitting and standing are more usable by pedestrians with disabilities.</p></div>

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7. Parking																																																		
<div><div>Parking Inventory</div><table><tr><th>Item</th><th>Quantity</th></tr><tr><td>Parking Lots</td><td>1</td></tr><tr><td>Parking Spaces</td><td>274</td></tr><tr><td>ADA Spaces</td><td>11</td></tr><tr><td>Rideshare Spaces</td><td>3</td></tr><tr><td>Reserved Spaces</td><td></td></tr><tr><td>Motorcycle Spaces</td><td>8</td></tr><tr><td>Total Current Spaces</td><td>288</td></tr><tr><td>Parking Capacity</td><td></td></tr><tr><td>Parking Utilization</td><td></td></tr><tr><td>Future Plans</td><td></td></tr><tr><td>None</td><td></td></tr></table></div>	Item	Quantity	Parking Lots	1	Parking Spaces	274	ADA Spaces	11	Rideshare Spaces	3	Reserved Spaces		Motorcycle Spaces	8	Total Current Spaces	288	Parking Capacity		Parking Utilization		Future Plans		None		No action by RCTC. Number of ADA 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 facility is provided on a site, the number of accessible spaces provided on the site shall be calculated according to the number of spaces required for each parking facility.</p> <p>Table 208.2 Parking Spaces</p> <table><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
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i. Van Accessible parking sign is missing at one of the two van accessible spots.	Provide sign.	<p>208.2.4 Van Parking Spaces. For every six or fraction of six parking spaces required by 208.2 to comply with 502, at least one shall be a van parking space complying with 502.</p> <p>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.</p> <p>502.6 Identification. Parking space identification signs shall include the International Symbol of Accessibility complying with 703.7.2.1. Signs identifying van parking spaces shall contain the designation “van accessible.” Signs shall be 60 inches (1525 mm) minimum above the finish floor or ground surface measured to the bottom of the sign</p>																																																

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8. Bus Stop No issues found. Movement/weathering of concrete pavement may cause trip hazards and requires routine inspection and maintenance. 	Maintain accessible routes to permit safe ambulation to all stops.	
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 i. 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.
ii. 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.

Issues/ Barrier Identified	Recommendations	Comments/ ADA Requirements
11. Staff Facilities		
a) Security Staff Facilities		
<p>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.</p> 	<p>Inform all contractors of their ADA obligations</p>	<p>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.</p>
b) <u>Trash / Dumpster Enclosure</u>		
<p>The trash dumpster is not on an ADA compliant route and gate does not appear to be accessible.</p> 	<p>Provide accessible dumpster enclosure on an accessible route.</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>