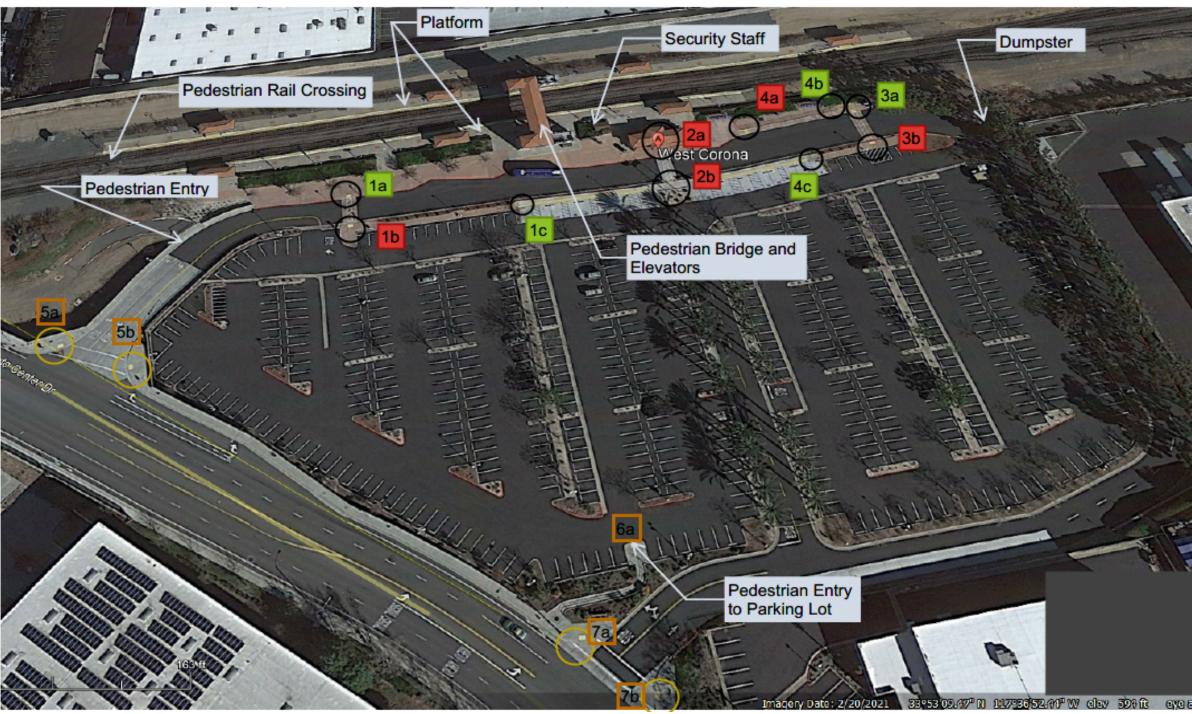
## **Evaluation of Physical Barriers – West Corona Station**

Address: 155 Auto Center Dr, Corona, CA 92880 Evaluation Date: 07-27-2021



These elements were assessed to identify any physical barriers:

- 1. Curb ramps (1a-1b, 1c, 2a-2b, 3a-3b, 4a-4b, 4c,5a,5b, 6a, 7a, 7b)
- 2. Pedestrian road crossings
  - a. Pedestrian push button signals (where applicable)
- 3. Accessible routes
- a. Walking surfaces
- b. Elevators
- c. Pedestrian Bridge
- d. Stairs
- e. Ramps
- 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. Benches,
  - c. Trash cans,
  - d. Drinking fountain
  - e. Communication Systemspassenger information phones, blue emergency phones, yellow call boxes, service phones, emergency phones.
  - f. Vending machines
- 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- 9/27/1995; Alterations and Additions: Pedestrian Crossing: 6/21/2001

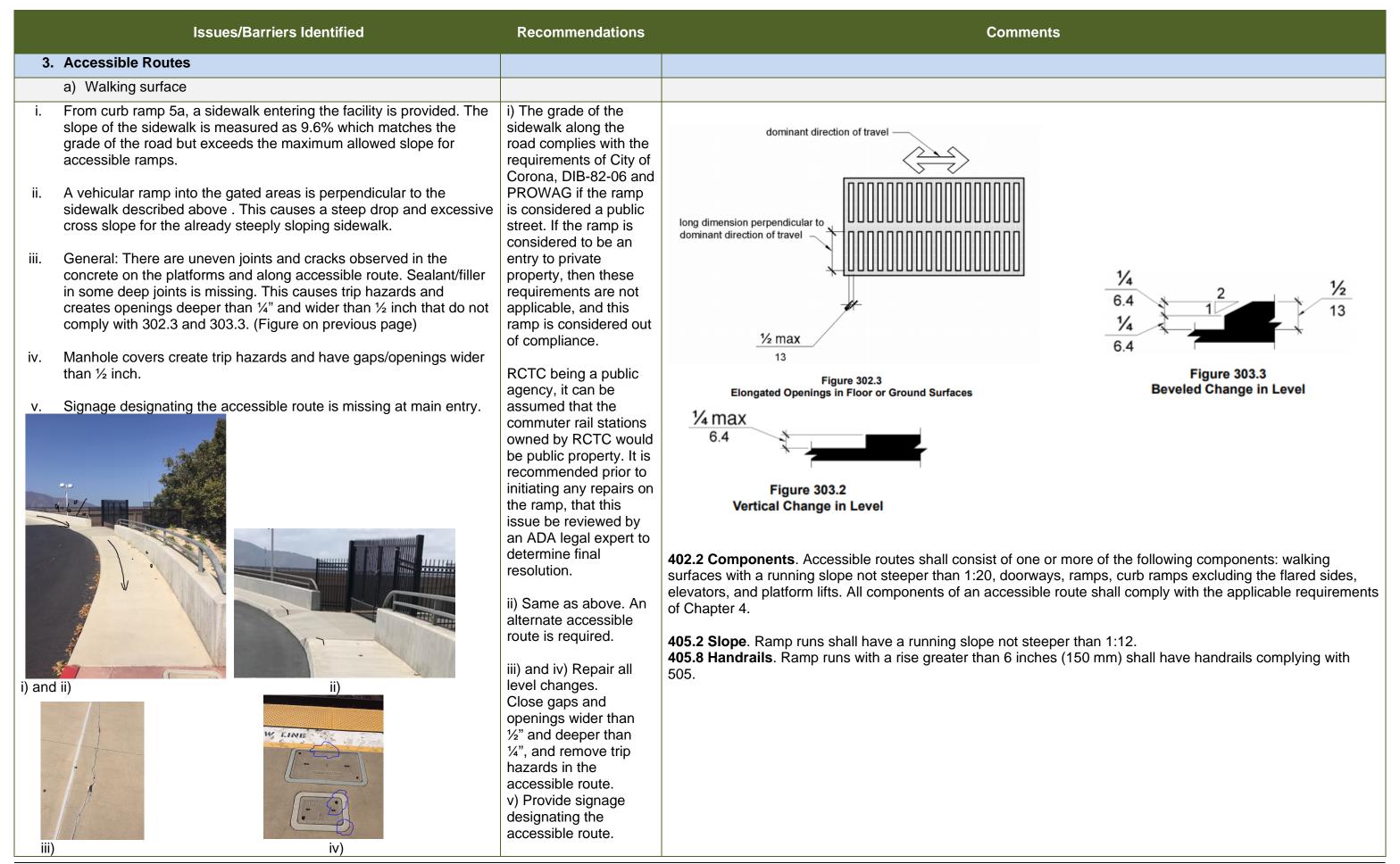
Applicable ADA Standards: 1991 Standards or UFAS, or DOT's ADA standards (2006), and/or DOJ 2010 ADA Standards.

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.

| 1. 2. D Repair flated side exceeds 1:10 slope (11.6%) 12. Stoped ramp lakes up the entire slowes which in front of the main entrance. Landing is under the station canepy. 22. Scriptor slope exceeds 1:20, uneven level changes and trip hazards. 23. Provide signage for the scriptor of the station canepy. 24. OK 25. Ok 15. De (11.6%). Flated side exceeds 1:10 slope (11.2%), uneven level changes and trip hazards. 25. Ok 15. De (11.6%). Flated side exceeds 1:10.0, uneven level changes and trip hazards. 26. Ok 15. Ok 15. De (11.6%). Secretary in the exceeds 1:10.0, uneven level changes and trip hazards. 26. Ok 15. Ok 15. De (11.6%). Secretary in the exceeds 1:10.0, uneven level changes and trip hazards. 27. Ok 15. |
|--|
|  |

| Issues/Barriers Identified   | Recommendations   | Comments    |
|--|---|-------------|
| 2. Pedestrian Road crossings   |   |             |
| Pedestrian crossing at 3a, 3b has multiple cracks and gaps in excess of ½" wide and ¼" deep. | Examine all pedestrian crossings and repair all cracks.  Every joint in concrete deeper than ¼" and wider than ½" shall be filled.  Every level change along the accessible route greater than ½" 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. | See item 3a |
| a) Pedestrian Push Button- Not Applicable  | No action by RCTC   |             |



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| Issues/Barriers Identified   | Recommendations  | Comments   |
|--|--|--|
| b) Elevator  Audible signals which sound as the car passes or is about to stop at a floor are rather low and missed especially when a train passes the station [407.4.8] | Check the annual elevator certification for compliance with all code and ADA requirements.  Measure sound to verify that the audible signal and verbal annunciator is 10 dB minimum above ambient, but does not exceed 80 dB, measured at the hall call button per current 2010 ADA standards. | For elevators in facilities constructed or altered before November 29, 2006, 1991 ADAAG applies and the volume of the audible signals is permitted to be no less than 20 decibels with a frequency no higher than 1500 Hz.   |
| i. Handrails on the pedestrian bridge are mounted at 41 inches (higher than the required 38 inches)  | Relocate handrails to comply with the height requirement per 505.4.  | 505.1 General. Handrails provided along walking surfaces complying with 403, required at ramps complying with 405, and required at stairs complying with 504 shall comply with 505.  Advisory 505.1 General. Handrails are required on ramp runs with a rise greater than 6 inches (150 mm) (see 405.8) and on certain stairways (see 504). Handrails are not required on walking surfaces with running slopes less than 1:20. However, handrails are required to comply with 505 when they are provided on walking surfaces with running slopes less than 1:20 (see 403.6). Sections 505.2, 505.3, and 505.10 do not apply to handrails provided on walking surfaces with running slopes less than 1:20 as these sections only reference requirements for ramps and stairs.  Figure 505.4 Handrail Height |
| d) Stairs  No issues found   | No action by RCTC  |  |
| e) Ramps   |  |  |

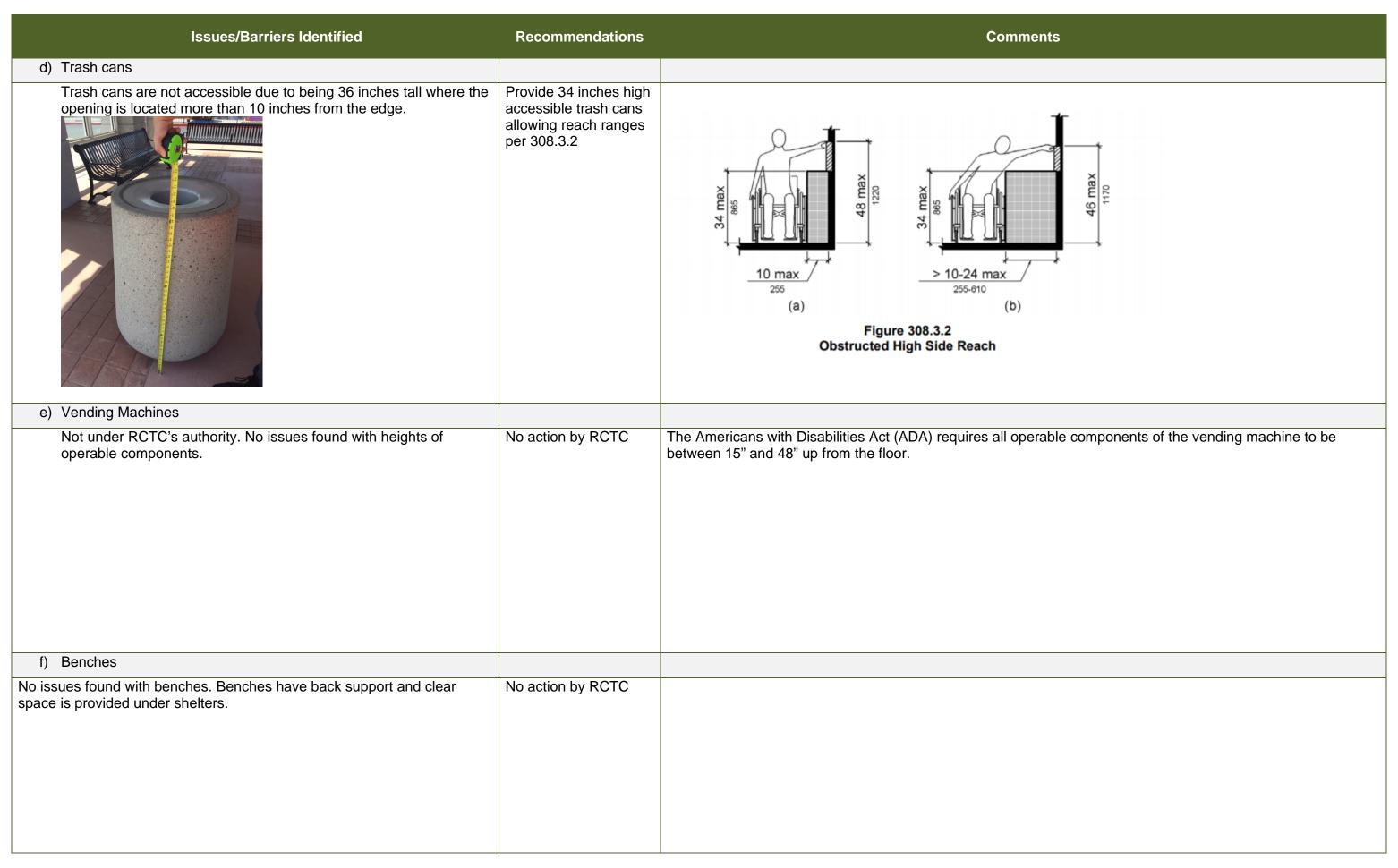
| Issues/Barriers Identified   | Recommendations  | Comments  |
|--|--|---|
| No ramps. No issues found  | No action by RCTC  |   |
| 4. Platforms   |  |   |
| a) Walking Surfaces  |  |   |
| <ul> <li>i. On both sides, the route from the elevator lobby slopes 2.5 % or 3% towards the platform. So, the cross slope of the platform exceeds 2% in this portion creating a barrier for people having disabilities traveling along this route.</li> <li>ii. Downspouts protrudes in the accessible circulation path</li> </ul> | An accessible route (at least 36 inches wide, but preferably 48 inches wide) with compliant cross slopes should be provided and marked. If a path cannot be demarcated, cross slopes need to be repaired.  Provide 48 inches wide accessible path with a | PAR within width of sidewalk  The continuous clear width requirements in PROWAG R302.3 apply to sidewalks and other pedestrian circulation paths.  403.3 Slope. The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48 (2%)  302.1 General. Floor and ground surfaces shall be stable, firm, and slip resistant and shall comply with 302 |
|  | accessible path with a compliant cross slope, clear of the downspout.  | Figure 307.2 Limits of Protruding Objects  307.5 Required Clear Width. Protruding objects shall not reduce the clear width required for accessible routes.  |

|      | Issues/Barriers Identified   | Recommendations   | Comments  |
|------|--|---|---|
| iii. | Downspouts will discharge water onto the accessible route.  A trip hazard is created due to a diamond plate cover behind the | Ensure that the rainwater will drain away and will not pond. Eliminate any low spots or uneven pavement. To ensure compliance with 405.10, Wet Conditions, Landings subject to wet conditions shall be designed to prevent the accumulation of water, ensure that the area is in compliance with 403.3 Slope. | 405.10 Wet Conditions. Landings subject to wet conditions shall be designed to prevent the accumulation of water. |
|      | west mini high platform on track 2   | with a recessed cover   |   |
| V.   | Cross slope on Track 1 platform near the west mini high platform exceeds 2%  | Cross slope needs to be repaired to comply with 403.3 to be no more than 2%. Examine cross slopes throughout the accessible route and repair where needed.  |   |

| Issues/Barriers Identified  | Recommendations                                       | Comments   |
|---|---|--|
| b) Mini High Platforms  |   |  |
| No issues found.  |   |  |
| 5. Pedestrian Rail Crossings  |   |  |
|   | No action by RCTC                                     | Rail crossing at this station is not on an accessible route and is not meant for public use during normal conditions |
| 6. Amenities  |   |  |
| a) TVM's  |   |  |
| TVM's are not in RCTC's scope. However, they are considered as being compliant to ADA requirements per information found on website <a href="https://metrolinktrains.com/ticketsOverview/where-to-buy/ticket-machines/">https://metrolinktrains.com/ticketsOverview/where-to-buy/ticket-machines/</a> | Adequate clear space is provided at TVM's. No action. |  |

| Issues/Barriers Identified   | Recommendations   | Comments   |
|--|---|--|
| b) Drinking Fountains  |   |  |
| Drinking Fountain: Water flow to be tested   | Adjust water flow.  | 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. |
| c) Telephones/ Communication Systems   | See Attachment 9,<br>Action Plan for<br>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:  |   | 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.  704.2.2 Operable Parts. Operable parts shall comply with 309. Telephones shall have push-button controls where such service is available.  Figure 308.3.2  Obstructed High Side Reach  Obstructed High Forward Reach   |
| ii. Blue Emergency Phone. Not applicable at this station.                                |   |  |
| iii. Yellow call boxes: In the parking area these phones are not on an accessible route. | Provide accessible emergency phones on the accessible route also. |  |

9



| Parking Inventory       |          |
|-------------------------|----------|
| ltem                    | Quantity |
| Parking Spaces          | 540      |
| ADA Spaces              | 14       |
| Rideshare Spaces        | 2        |
| Electric Vehicle Spaces | 1        |
| R.V./Bus Spaces         | 7        |
| Total Available Spaces  | 564      |
| Motorcycle Spaces       | 15       |
| Passenger Drop Off      | 9        |
| Parking Lots            | 1        |
| Parking Capacity        |          |
| Parking Utilization     |          |
| Future Plans            |          |
| None                    |          |

No action by RCTC. Number of ADA spaces is compliant

**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*.

Table 208.2 Parking Spaces

| Total Number of Parking Spaces<br>Provided in Parking Facility | Minimum Number of Required<br>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 |  |

**Issues/Barriers Identified** Recommendations Comments Size of van accessible parking aisles does not comply with the Restripe as required to 96" (8 ft) minimum requirement per 502.2 and DIB 82-06. The provide the required sizes and required parking stall is 9 feet wide. The parking aisle is non compliant 502.2 Vehicle Spaces. Car parking spaces shall be 96 inches (2440 mm) wide minimum and van with 2010 standards for van accessible spaces. number of accessible parking spaces shall be 132 inches (3350 mm) wide minimum, shall be marked to define the width, and parking. shall have an adjacent access aisle complying with 502.3. **EXCEPTION:** Van parking spaces shall be permitted to be 96 inches (2440 mm) wide minimum where the access aisle is 96 inches (2440 mm) wide minimum. 132 min 96 min (b) (a) van car Figure 502.2 **Vehicle Parking Spaces** 1991 Standards 4.6.3 Parking Spaces. Accessible parking spaces shall be at least 96 in (2440 mm) wide. Parking access aisles shall be part of an accessible route to the building or facility entrance and shall comply with 4.3. Two accessible parking spaces may share a common access aisle. Bottom of accessible parking sign is lower than the required 60 Provide post mounted 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 inches. This complied with 1991 standards but needs to be signs to comply with modified when parking striping is modified. 2010 ADA Standards. 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 1991 Standards 4.6.4 Signage. Accessible parking spaces shall be designated as reserved by a sign showing the symbol of accessibility (see 4.30.7). Spaces complying with 4.1.2(5)(b) shall have an additional sign "Van Accessible" mounted below the symbol of accessibility. Such signs shall be located so they cannot be obscured by a vehicle parked in the space.

| Issues/Barriers Identified   | Recommendations  | Comments   |
|--|--|--|
| iii. White colored "NO PARKING" letters on the light concrete surface of access aisles do not offer a visual contrast  | It is a recommendation to rectify the visual contrast at text descriptors in parking aisles. | 503.3.3 Marking. Access aisles shall be marked so as to discourage parking in them.  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   |
| 8. Bus Stop  |  |  |
| The bus stops do not connect to Auto Center Dr. with an accessible route. The vehicular route and its sidewalk connecting to Auto Center Drive has an excessive slope (+/-9.6%) The level pedestrian entry into the parking lot does not continue as a marked accessible route to the bus stops  | Provide and maintain accessible routes to permit safe ambulation to all bus stops.           | Bus stop boarding and alighting areas shall be connected to streets, sidewalks, or pedestrian paths by an accessible route complying with 402.  PROWAG  R302.5.1 Within Street or Highway Right-of-Way. Except as provided in R302.5.3, where pedestrian access routes are contained within a street or highway right-of-way, the grade of pedestrian access routes shall not exceed the general grade established for the adjacent street or highway.  R302.5.2 Not Within Street or Highway Right-of-Way. Where pedestrian access routes are not contained within a street or highway right-of-way, the grade of pedestrian access routes shall be 5 percent maximum.  R302.5.3 Within Pedestrian Street Crossings. Where pedestrian access routes are contained within a pedestrian street crossing, the grade of pedestrian access routes shall be 5 percent maximum.  R302.5.4 Physical Constraints. Where compliance with R302.5.1 or R302.5.2 is not practicable due to existing terrain or infrastructure, right-of-way availability, a notable natural feature, or similar existing physical constraints, compliance is required to the extent practicable. |
| 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 SCRRA /Metrolink standard details (ES 3000) found at this link.  https://metrolinktrains.com/globalassets/about/engineering/3000-stations.pdf | No action by RCTC.<br>Signage is by<br>SCRRA/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.  SCRRA/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 SCRRA. 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.  |

| Issues/Barriers Identified  | Recommendations   | Comments   |
|---|---|--|
| 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) Trash / Dumpster Enclosure   |   |  |
| The trash dumpster is not on an ADA compliant route and gate does not appear to be accessible.  | Provide accessible dumpster enclosure on an accessible route or provide reasonable accommodation for employees having disabilities. | 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.  1991 Standards. 4.1.1 (3)  (3)* Areas Used Only by Employees as Work Areas. Areas that are used only as work areas shall be designed and constructed so that individuals with disabilities can approach, enter, and exit the areas. These guidelines do not require that any areas used only as work areas be constructed to permit maneuvering within the work area or be constructed or equipped (i.e., with racks or shelves) to be accessible |