

# 2021 Virginia Construction Code

## APPENDIX E SUPPLEMENTARY ACCESSIBILITY REQUIREMENTS

### SECTION E109 TRANSPORTATION FACILITIES AND STATIONS

#### E109.1 General.

Fixed transportation facilities and stations shall comply with the applicable provisions of [Section E109.2](#).

#### E109.2 New construction.

New stations in rapid rail, light rail, commuter rail, intercity rail, high speed rail and other fixed guideway systems shall comply with [Sections E109.2.1](#) through [E109.2.8](#).

##### E109.2.1 Station entrances.

Where different entrances to a station serve different transportation fixed routes or groups of fixed routes, at least one entrance serving each group or route shall comply with [Section 1104](#).

##### E109.2.2 Signs.

Signage in fixed transportation facilities and stations shall comply with [Sections E109.2.2.1](#) through [E109.2.2.3](#).

##### E109.2.2.1 Raised character and braille signs.

Where signs are provided at entrances to stations identifying the station or the entrance, or both, at least one sign at each entrance shall be raised characters and braille. A minimum of one raised character and braille sign identifying the specific station shall be provided on each platform or boarding area. Such signs shall be placed in uniform locations at entrances and on platforms or boarding areas within the transit system to the maximum extent practicable.

##### Exceptions:

1. Where the station does not have a defined entrance but signs are provided, the raised characters and braille signs shall be placed in a central location.
2. Signs are not required to be raised characters and braille where audible signs are remotely transmitted to hand-held receivers, or are user or proximity actuated.

##### E109.2.2.2 Identification signs.

Stations covered by this section shall have identification signs containing visual characters complying with [ICC A117.1](#). Signs shall be clearly visible and within the sightlines of a standing or sitting passenger from within the train on both sides when not obstructed by another train.

##### E109.2.2.3 Informational signs.

Lists of stations, routes and destinations served by the station that are located on boarding areas, platforms or *mezzanines* shall provide visual characters complying with [ICC A117.1](#). Signs covered by this provision shall, to the maximum extent practicable, be placed in uniform locations within the transit system.

##### E109.2.3 Fare machines.

Self-service fare vending, collection and adjustment machines shall comply with [ICC A117.1](#), [Section 707](#). Where self-service fare vending, collection or adjustment machines are provided for the use of the general public, at least one accessible machine of each type provided shall be provided at each accessible point of entry and exit.

##### E109.2.4 Rail-to-platform height.

Station platforms shall be positioned to coordinate with vehicles in accordance with the applicable provisions of 36 CFR, Part 1192. Low-level platforms shall be 8 inches (250 mm) minimum above top of rail.

**Exception:** Where vehicles are boarded from sidewalks or street level, low-level platforms shall be permitted to be less than 8 inches (250 mm).

##### E109.2.5 TTYs.

Where a public pay telephone is provided in a transit facility (as defined by the Department of Transportation), at least one public TTY complying with [ICC A117.1](#), [Section 704.4](#), shall be provided in the station. In addition, where one or more public pay telephones serve a particular entrance to a transportation facility, at least one TTY telephone complying with [ICC A117.1](#), [Section 704.4](#), shall be provided to serve that entrance.

##### E109.2.6 Track crossings.

Where a *circulation path* serving boarding platforms crosses tracks, an *accessible* route shall be provided.

**Exception:** Openings for wheel flanges shall be permitted to be  $\frac{1}{2}$  inches (64 mm) maximum.

##### E109.2.7 Public address systems.

Where public address systems convey audible information to the public, the same or equivalent information shall be

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provided in a visual format.

**E109.2.8 Clocks.**

Where clocks are provided for use by the general public, the clock face shall be uncluttered so that its elements are clearly visible. Hands, numerals and digits shall contrast with the background either light-on-dark or dark-on-light. Where clocks are mounted overhead, numerals and digits shall comply with visual character requirements.