

Grade (R308.1.1.2) Parallel to the street or highway, the grade of boarding and alighting areas shall be the same as the street or highway, to the extent practicable. Perpendicular to the street or highway, the grade of boarding and alighting areas shall not be steeper than 2 percent.*

Boarding Platforms (R308.1.2) Boarding platforms at transit stops shall comply with R308.1.2 and R308.1.3. Boarding platforms shall be at least 8 feet wide, measured perpendicular to the curb or street or highway edge and at least 25 feet long, measured parallel to the street or highway. The boarding platform may need to be longer depending on the size, shape and orientation of the shelter and the number of waiting passengers.

Platform and Vehicle Floor Coordination (R308.1.2.1) Boarding platforms shall be positioned to coordinate with vehicles in accordance with the applicable requirements in 49 CFR parts 37 and 38.

Platform and Vehicle Floor Coordination (Advisory R308.1.2.1) The Department of Transportation regulations (49 CFR parts 37 and 38) require the height of the vehicle floor and the station platform to be coordinated so as to minimize the vertical and horizontal gaps.

Slope (R308.1.2.2) Boarding platforms shall not exceed a slope of 2 percent in any direction. Where boarding platforms serve vehicles operating on existing track or existing street or highway, the slope of the platform parallel to the track or the street or highway is permitted to be equal to the grade of the track or street or highway.

Common Requirements (R308.1.3) Boarding and alighting areas and boarding platforms shall comply with R308.1.3.

Surfaces (R308.1.3.1) The surfaces of boarding and alighting areas and boarding platforms shall be firm, stable and slip resistant and comply with R302.7.

Surfaces (Advisory R308.1.3.1) Detectable warning surfaces are required at boarding and alighting areas for rail vehicles and at boarding platforms for buses and rail vehicles (see R208).

Connection (R308.1.3.2) Boarding and alighting areas and boarding platforms shall be connected to streets, sidewalks, or pedestrian circulation paths by pedestrian access routes complying with R302.

* Rev. 1/17