

**SECTION 710
FENCE AND GUARDRAIL**

710-2.11 GUARDRAIL TERMINALS. DELETE this subsection in its entirety and REPLACE with the following:

W-beam shall meet requirements of AASHTO M 180, Class A, Type II. Galvanize after fabrication.

Components made from rolled pressed and forged shapes, castings, plates, bars, and strips shall meet the coating requirements of AASHTO M 111. Galvanize after fabrication.

All hardware or fasteners supplied shall meet the coating requirements of AASHTO M 232.

Provide one of the following terminal types, as shown on the plans, for single-rail W-beam guardrail. Design requirements: 31-inch top of rail height, 8-inch blockouts, W6 x 8.5 steel posts, 12ft-6in w-beam panels, and mid-span splice connection to run of rail.

1. Parallel Terminal.

a. Provide terminals meeting the following:

- (1) Crashworthiness: MASH-compliant Test Level 3 terminals
- (2) Length: 50 feet nominal effective length.
- (3) End Offset: 0 to 2 feet (25:1 or flatter straight taper) Offset end as shown on the plans.

2. Buried in Backslope Terminal: Provide MASH-compliant Test Level 3 terminals.