Metal Beam Guard Railing
Connections to Bridge Railings without Sidewalks Details No. 2

Connection Detail CC

Connection Detail AA

Plan

Elevation

Guard Railing Connection to Bridge Railing without Sidewalk

Notes:
1. See Standard Plan A77J1 for additional connection details to bridges without sidewalks.
2. Additional details of guard railings and hardware are shown on Standard Plan A77J1, A77J2, and A77J3.
3. The direction of adjacent traffic indicated by.
4. For additional details of Transition Railing (Type WB), see Standard Plan A77J4,
   Transition Railing (Type WB) transitions the 12 gauge w-beam standard railing section
   of guard railing to a heavier gage nested thrie beam section which is connected to the concrete bridge railing.
5. For typical use of Connection Detail CC, see Layout Types 12C and 12D on Standard Plan A77F2, and
   Layout Types 12A and 12B on Standard Plan A77F1,
6. For typical use of Connection Detail AA, see Layout Types 12A and 12B on Standard Plan A77F2,
   and Layout Type 12C on Standard Plan A77F3.
7. Where the height of the bridge railing exceeds the
   height of the thrie beam railing by more than 1", taper the top of the end of the bridge railing at 4:1
   to match the top elevation of the thrie beam railing.
8. For details of End Cap (Type TC), see Standard Plan A77J3.

See Note 4

See Note 5

See Note 6

See Note 7

See Note 8

See Note 9

May 20, 2011
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