NOTE 1. See Standard Plan A77U1 for additional connection details to bridges without sidewalks.

NOTE 2. Additional details of posts, blocks and hardware are shown on Standard Plans A77U1, A77U7 and A77U4.

NOTE 3. For additional details of Transition Railing (Type WB-31), see Standard Plan A77U4. Transition Railing (Type WB-31) transitions the 12 gauge MGS railing section to a heavier gauge nested thrie beam railing section which is connected to the concrete bridge railing.

NOTE 4. For typical use of Connection Detail AA, see Layout Types 12A and 12B on Standard Plan A77Q2. Layout Types 12C and 12D on Standard Plan A77Q3, and Layout Type 12E on Standard Plan A77Q4.

NOTE 5. For typical use of Connection Detail CC, see Layout Types 12A and 12B on Standard Plan A77Q2. Layout Type 12E on Standard Plan A77Q3.

NOTE 6. Transition Railing (Type WB-31) shown on Standard Plans A77M1, A77N1 and A77N2. Additional details of posts, blocks and hardware are shown on Standard Plan A77U1 for additional connection details to bridges without sidewalks.

NOTE 7. For details of End Cap (Type TC), see Standard Plan A77U4. Transition Railing (Type WB-31) transitions the 12 gauge MGS railing section to a heavier gauge nested thrie beam railing section which is connected to the concrete bridge railing.

NOTE 8. See Standard Plan A77U4 for additional details regarding depth dimension for straight metal box spacer.