SHOWING SLAB EXPANSION JOINTS

SHOWING SLAB CONST JTS OR CONTROLLED JTS

ELEVATION EXAMPLE FOR CONCRETE RAILS OVER INV-T BENTS

OPTIONAL BAR RD2(#8) ASSEMBLY DETAIL

BAR RD1(#8) ASSEMBLY DETAIL

1. When "A" dimension is 6 feet or greater along rail, galvanized bars RD1(#8) can be replaced with 2 galvanized Bars RD2(#8) at contractor's option. Place Bars RD1(#8) or optional Bars RD2(#8) at each joint over Inv-T bents as shown.

2. See "Bar RD1(#8) Assembly Detail" or "Optional Bar RD2(#8) Assembly Detail".

3. Tape ends of 1 1/4 PVC Sch 80 to prevent concrete or mortar from seeping in.

4. See Bridge Layout for joint type.

5. Increase 2" for structures with overlay.

6. For rails requiring 2 or 3 Bars RD1(#8) over Inv-T bents, see "Rail Sections Locating 2 Bars RD(#8) or "Rail Sections Locating 3 Bars RD(#8)".
RAIL SECTIONS LOCATING 2 BARS RD(#8)
(Rail and slab reinforcing not shown for clarity.)

RAIL SECTIONS LOCATING 3 BARS RD(#8)
(Rail and slab reinforcing not shown for clarity.)

CONSTRUCTION NOTES:
Verify dimensions "A" over Inv-T bents before ordering materials.

MATERIAL NOTES:
Galvanize Bars RD1(#8) and/or RD2(#8)
Provide Grade 60 reinforcing steel.
Provide 1 ½" PVC pipe size (Sch 80).

GENERAL NOTES:
This standard is for concrete rails when the rail joints are located at the face of an Inv-T bent as shown.
Use information in the plans for rail type.
See appropriate rail standard for details and notes not shown.

CONCRETE RAIL JOINTS
OVER INVERTED-T BENTS
are subsidiary to Item 450 "Railing".

See "Bar RD(#8) Assembly Detail" or "National Bar RD(#8) Assembly Detail" and "Elevation Example For Concrete Rails Over Inv-T Bents" for placement and the assembly along rails over Inv-T bents.

Optional Bars RD2(#8) can replace Bars RD1(#8) when dimensions "A" are 6 feet and greater.
Replace Bars RD(#8) shown on applicable rail standard with Bars RD1(#8) when over Inv-T bents.
See "A" dimensions on "Elevation Example For Concrete Rails Over Inv-T Bents".