SINGLE SLOPE TO THREE BEAM CONNECTOR PLATE DETAILS

NOTE: Assembly Detail is shown for straight installation on right hand side of entrance end of bridgeube. Details for opposite side installation.

PICTORIAL DRAWING (Showing Back of Connector Plate)

WELDING INSTRUCTIONS:
1. Cover plates P1, P2, and P3 shall be fabricated from 3/16" thick ASTM A36 Grade structural steel.
2. Stiffener plates shall be fabricated from 3/16" thick ASTM A36 Grade structural steel.
3. Connector plate shall be galvanized in accordance with AASHTO M111.

NOTES:
1. Connector plate shall be welded "C" center-to-center on interior sides.
2. Cover plates P1 and P2 shall be welded as follows: 1/2" continuous back weld on interior sides and 1/2" fillet weld 1" long spaced at 2" center-to-center on exterior sides.
3. Cover plates P1 and P2 shall be welded together with full penetration groove weld.

PLATE P9
Quantity: 1

PLATE P3
Quantity: 1

PLATE P1
Quantity: 1

COVER PLATES

VERTICAL PLATES

STIFFENER PLATES

HORIZONTAL PLATES

NOTE: Small rows to be continued on opposite side.

NOTE: Typical all stiffeners together with full penetration groove weld.

NOTE: Cover plate P3 shall be welded as follows: 1/2" continuous back weld on exterior sides and 1/2" fillet weld 1" long spaced at 2" center-to-center on interior sides.

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NOTE: Cover plates P1 and P2 shall be welded together with full penetration groove weld.

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