The information presented in this Standard Detail has been prepared in accordance with recognized General Update, Revised width of parapet and sidewalk.

See Bridge Plan for end treatment.

For rail splices not at expansion joints, provide 1 inch gap and weld both ends of splice tube.

NOTE:

For rail splices not at expansion joints, provide 1 inch gap and weld both ends of splice tube.

GENERAL NOTES:


This barrier is structurally evaluated as meeting the requirements of NCHRP Report 350 Test Level 4.

All Concrete shall be Class "S" 1'c = 4000 psi.

Reinforcing steel shall conform to AASHTO Specification A615. All reinforcing bars shall be furnished as Grade 60. All reinforcing steel shall be epoxy coated at locations above EL 4000 ft.

Bends and hooks shall meet the requirements of AASHTO LRFD Article 5.10. All bend dimensions for reinforcing steel shall be out-of-bar. All placement dimensions for reinforcing steel shall be to center of bars unless noted otherwise.

All reinforcing steel shall have 1½ inch clear cover unless noted otherwise.

Structural tubing (TS) shall be ASTM A500 Grade B. All other structural steel shall conform to ASTM A36 unless noted otherwise.

All welding shall conform to the requirements of the American Welding Society, ANSI/AWSD1.5 Bridge Welding Code, latest Edition.

Concrete parapets on continuous superstructures shall have 3½" thick bitumen joint filler in open joints over planks. See Bridge drawings for details.

Imbed ½", Bridge Number and Year Built, using 1½" w x 2" h number impressions in concrete, located as shown at the approach end of the outside lane.

Labor and materials for railing, parapet, deck, anchorage bars, sidewalk and PEDESTRIAN FENCE (SO.05) are included in the pay item (Item No. 601132).

Dimensions shall not be scaled from drawings, Item No. 601132 COMBINATION PEDESTRIAN-TRAFFIC BRIDGE RAILING Measure: Linear Foot.