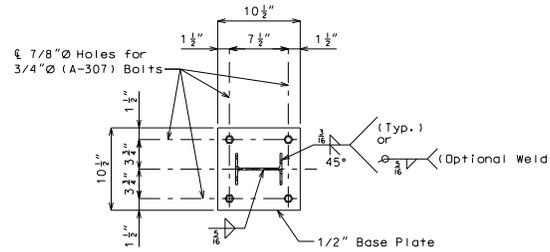


PART SECTION AT RAIL POST



SECTION A-A

NOTES:

All bolts, nuts, washers, and plates and elastomeric materials will be considered completely covered by the contract unit price for Bridge Guardrail (W-Beam), Bridge Guardrail (Thrie Beam) other items.

All steel connecting bolts and fasteners for posts and railing, and all anchor bolts, nuts, washers, and plates shall be galvanized after fabrication except for bottom plate. Protective coating and material requirement of steel railing shall be in accordance with Sec 1040.

Rail posts shall be seated on elastomeric pads having the same dimensions as the post base plate and 1/16\" thickness. Such pads may be any elastomeric material, plain or fibered, having a hardness (Durometer) of 50 or above, as certified by the manufacturer. Additional pads or half pads may be used in shimming for alignment. Post heights shown will increase by the thickness of the pad.

Posts, cap rail angles, top plates, base plates, channels and channel splice plates shall be fabricated from ASTM A709 Grade 36 steel and galvanized.

Fabrication of structural steel shall be in accordance with Sec 1080.

Holes for anchor bolts may be drilled into the substructure. Grade A321 threaded rods with 2 hex nuts and washers may be substituted for the A307 anchor bolts.

See slab sheet for rail post spacing.

See Missouri Standard Plans drawing 606.00 for details not shown.

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED

8/20/2012

ROUTE STATE

* MO

DISTRICT SHEET NO.

BR *

COUNTY

*

JOB NO.

*

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

BOX 14

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.