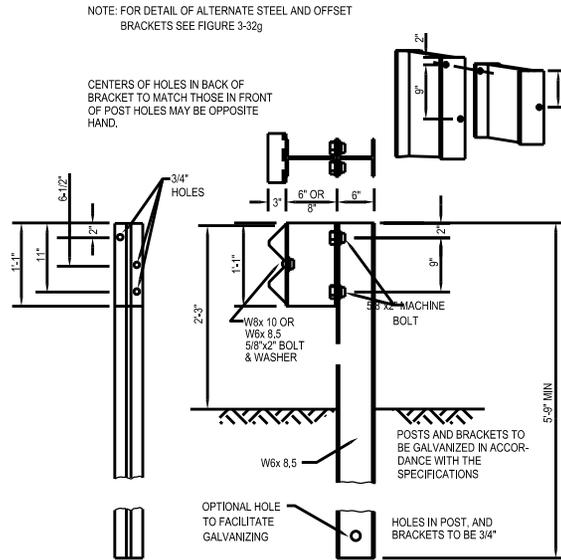
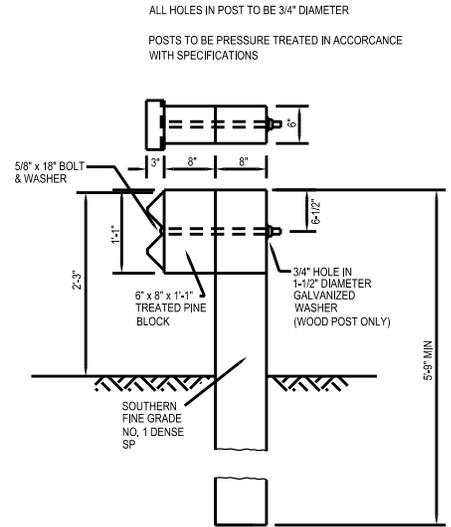


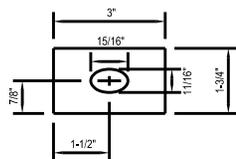
CONCRETE POST



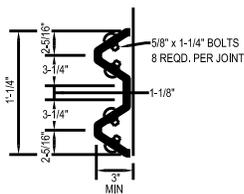
STEEL POST



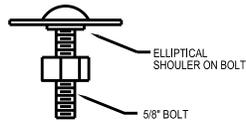
WOOD POST



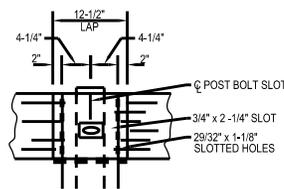
DETAIL OF 8 GAUGE WASHER



DETAIL OF RAIL ELEMENT



BOLT DETAIL



SPLICE AT POST
LAP IN DIRECTION OF TRAFFIC
SPLICE DETAIL

NOTES:

RAIL ELEMENT TO BE 12 GAUGE GALVANIZED, UNLESS OTHERWISE NOTED ON PLANS

ACCEPTANCE OF GUARD RAIL PRODUCTS SHALL BE GOVERNED BY THE REQUIREMENT SET FORTH IN AASHTO DESIGNATION M180.

ALL BOLTS NUTS, AND WASHERS ARE TO BE GALVANIZED.

GUARD RAIL LOCATIONS SHOWN ON PLAN ARE APPROXIMATE ONLY AND CAN BE ADJUSTED DURING CONSTRUCTION IF AND AS DIRECTED BY THE ENGINEER.

GUARD RAIL INSTALLATIONS HAVING A RADIUS OF 125' OR LESS SHALL BE CONSIDERED RADIAL, WHERE THE FACE OF GUARD RAIL IS CONSTRUCTED ON A RADIUS OF 75' OR LESS THE BEAM SHALL BE SHOP CURVED. THE PRICE BID PER LINEAR FOOT OF RADIAL GUARD RAIL SHALL INCLUDE THE COST OF ALL CURVED SECTIONS.

NORMAL SPACING OF POSTS IS TO BE 6'-3" c-c POST SPACING IS TO BE ADJUSTED TO FIT CHORD LENGTH OF ALL CURVED RAIL SECTIONS.

BASIS OF PAYMENTS TO BE PER LINEAR FOOT OF STEEL BEAM GUARD RAIL AND PER LINEAR FOOT OF RADIAL STEEL BEAM GUARD RAIL COMPLETE, IN PLACE, AND IS TO INCLUDE THE FURNISHING AND PLACING OF ALL COMPONENTS DETAILED HEREON.

HOLES IN POSTS AND OFFSET BRACKETS MAY BE ± 1/16" OF INDICATED DIMENSIONS

FOR DETAILS OF GUARD RAIL INSTALL METHODS SEE FIGURES 3-32h AND 3-32i

REFERENCE: FOR MORE INFORMATION ON GUARD RAILS SEE AASHTO "GUIDE FOR SELECTING, LOCATING AND DESIGNING TRAFFIC BARRIERS"

TYPICAL OFFSET WITH BEAM GUARD RAIL

DATE

FIGURE 2-30f