



**NOTES**

NUTS, BOLTS, AND WASHERS SHALL BE GALVANIZED

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

THE GUARD RAIL, FITTINGS PARTS ECT ARE TO BE IN ACCORDANCE WITH THE ROAD AND BRIDGE SPECIFICATIONS

THE GUARD RAIL COMPONENTS DEPICTED IN A R B A TECHNICAL BULLETIN NUMBER 288 MAY BE SUBSTITUTED IF INTERCHANGABLE WITH THIS STANDARD AND IF APPROVED BY THE ENGINEER

THE RAIL ELEMENT SHALL BE 12 GAUGE UNLESS OTHERWISE NOTED ON PLAN AND SHALL BE GALVANIZED IN ACCORDANCE WITH SPECIFICATIONS

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 SHALL INCLUDE THE COST OF ALL CURVED SECTIONS

THE SPACING OF POSTS IS TO BE ADJUSTED TO FIT THE CHORD LENGTH OF ALL CURVED RAIL SECTIONS

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

FOR DETAILS OF GUARD RAIL INSTALLATION METHODS SEE FIGURE 3-32h

BASIS OF PAYMENT 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 FURNISH AND PLACING OF ALL COMPONENTS DETAILED HEREON

NORMAL POST SPACING TO BE 12' 6"

HOLE IN POST MAY BE ± 1/16 OF INDICATED DIMENSIONS

**TYPICAL WITH BEAM GUARD RAIL**

**DATE** **FIGURE 3-30e**