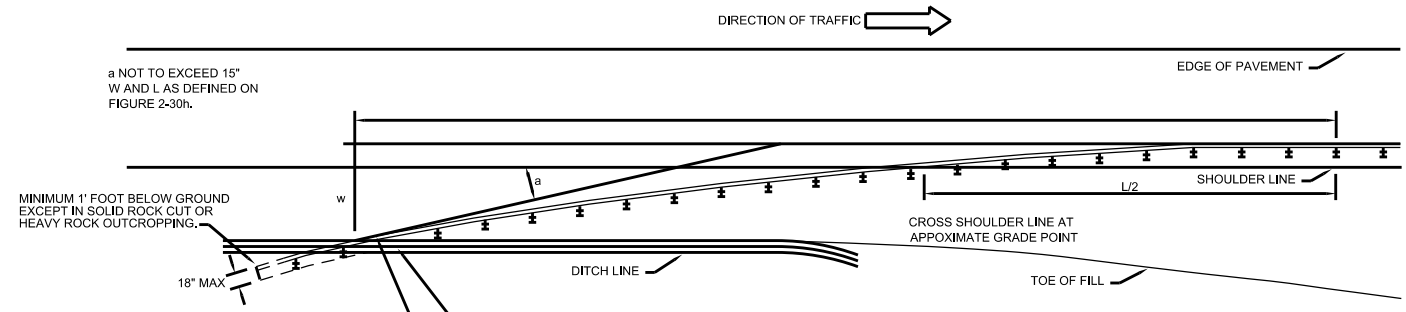
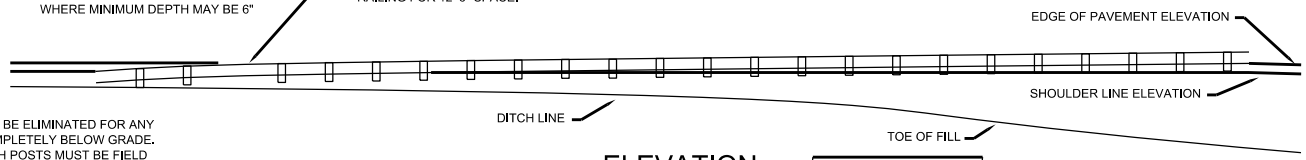


PLAN VIEW

GUARD RAIL IS TO BE EXTENDED A MINIMUM OF 2-6'-3" SPANS BEYOND DITCH LINE GUARD RAIL IS TO TERMINATE A MINIMUM OF 1'-0" BELOW GROUND ELEVATION OF THE BACK SLOPE, EXCEPT IN AREAS OF HEAVY ROCK OUTDROPPING WHERE MINIMUM DEPTH MAY BE 6"

IF APPROVED BY THE ENGINEER ELIMINATE ONE POST AT FLOW LINE OF DITCH, IF PAVED AND USE DOUBLE SECTION OF RAILING FOR 12'-6" SPACE.

A TRENCH NO GREATER THAN 18" IN WIDTH IS TO BE EXCAVATED INTO THE CUT SLOPE TO PROVIDE FOR THE GUARD RAIL POSTS AND BEAM THE CONTRACTOR IS TO ARRANGE HIS WORK SEQUENCE TO PROVIDE THAT EACH INSTALLATION IS TO BE EXCAVATED. POSTS DRIVEN, GUARD RAIL PLACED, BACKFILLED, AND DISTRUBED AREA SEEDED, IN ONE CONTINUOUS OPERATION.



ELEVATION

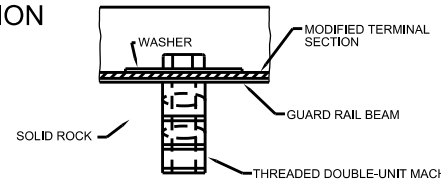
THE OFFSET BLOCK MAY BE ELIMINATED FOR ANY POST WHICH WIL BE COMPLETELY BELOW GRADE. THE ALIGNMENT OF SUCH POSTS MUST BE FIELD ADJUSTED.

ALT STEEL POST AND OFFSET BRACKETS DETAILED ON FIGURE 2-30g MAY BE SUBITITUTED FOR DESIGNS SHOWN HEREON.

BASIS OF PAYMENT TO BE LINEAR FEET OF TERMINAL TREATMENT COMPLETE IN PLACE POSTS ARE TO BE THE SAME TYPE USED ON NORMAL GUARD RAIL INSTALLATION. UNLESS OTHERWISE NOTED.

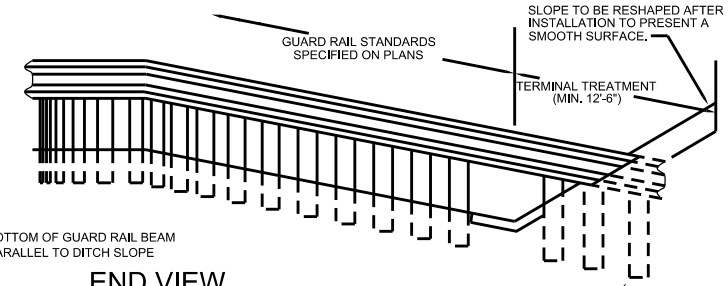
THIS TERMINAL TREATMENT MAY BE USED AT THE RUN-ON END OF DIVIDED HIGHWAYS (LEFT AND RIGHT OF TRAFFIC) AND AT THE RUN-ON AND RUN-OFF ENDS ON UNDIVDED HIGHWAYS.

THE RAIL ELEMENT SHALL BE 12 GAUGE UNLESS OTHERWISE NOTED ON PLAN. RAIL, BOLTS, NUTS, WASHERS, AND STEEL POSTS (WHEN SPECIFIED) ARE TO BE GALVANISED IN ACCORDANCE WITH THE SPECIFICATIONS.



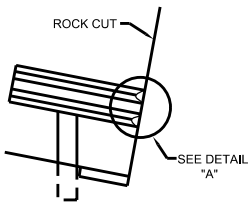
DETAIL A

COST OF DRILLING HOLES AND FURNINSHING AND PLACING BOLTS, WASHERS, AND CAULKING ANCHORS, AND MODIFIED TERMINAL SECTION TO BE INCLUDED IN PRICE BID PER LINEAR FOOT.

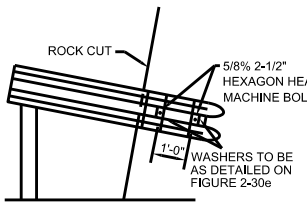


END VIEW
NORMAL INSTALLATION

ALL POSTS TO BE 5'-9" IN LENGTH EXCEPT W 6x8.5x2'-6" END POSTS MAY BE USED IN AREAS OF HEAVY ROCK OUTCROPPING.



END VIEW



END ELEVATION

SOLID ROCK CUT INSTALLATION

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

TYPICAL TERMINAL TREATMENT FOR WITH BEAM GUARD RAIL	DATE	FIGURE 2-30I