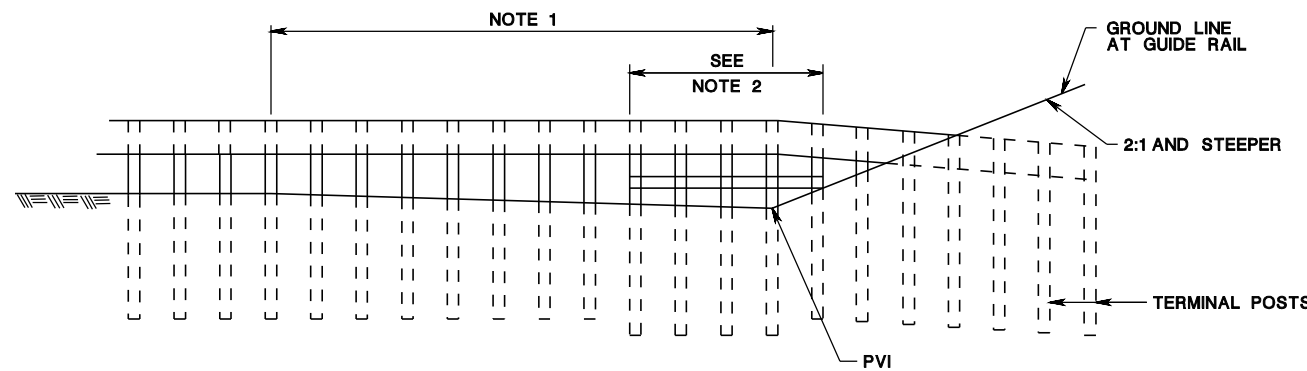
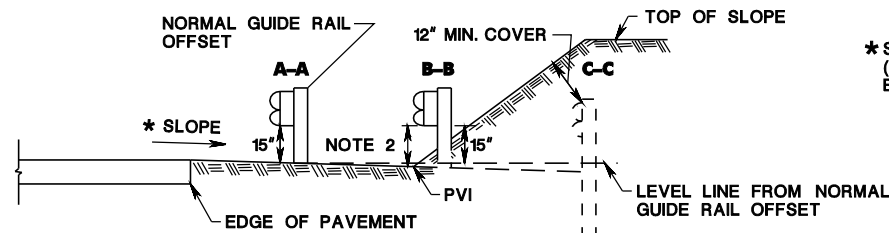


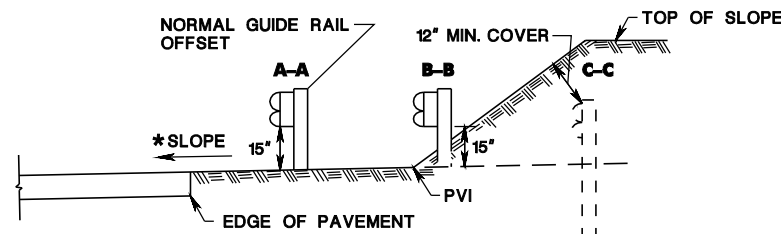
PLAN VIEW



FORESLOPE GRADED AWAY FROM SHOULDER - ELEVATION VIEW



FORESLOPE GRADED AWAY FROM SHOULDER - SECTION VIEW

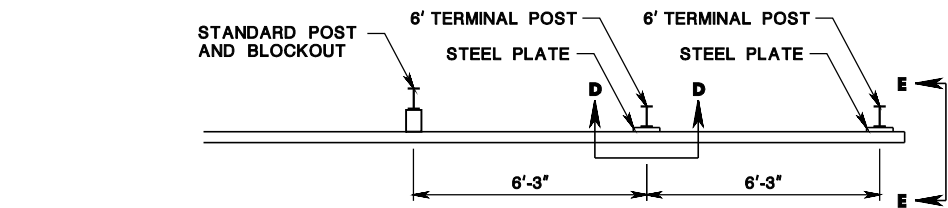


FORESLOPE GRADED TOWARD SHOULDER - SECTION VIEW

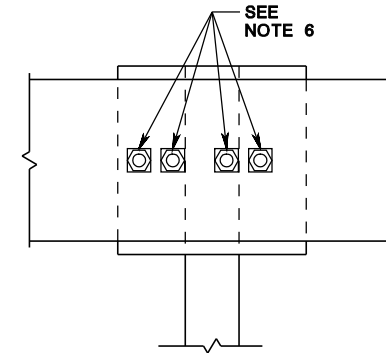
*SLOPE AS SHOWN ON PLANS.
(THE SLOPE ON APPROACH SHOULD
BE NO GREATER THAN 4:1).

NOTES:

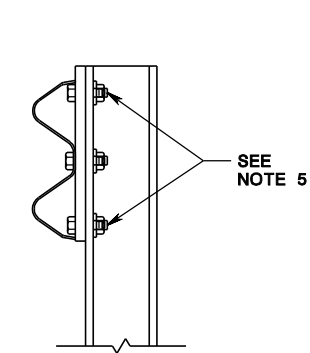
1. TOP OF GUIDE RAIL TO BE PARALLEL TO ROADWAY GRADE WHERE FORESLOPE IS GRADED AWAY FROM SHOULDER.
2. WHEN CLEARANCE FROM BOTTOM OF RAIL TO GROUND EXCEEDS 18", ADD RUB RAIL AND 8' LONG POSTS.
3. TAPER GUIDE RAIL HEIGHT TO PROVIDE 1' MINIMUM COVER AT LAST POST.
4. FLARE AS SHOWN ON CONSTRUCTION PLAN.
5. ATTACH STEEL PLATE TO POST WITH FOUR - 5/8" x 1 1/2" LONG HEX HEAD BOLTS WITH HEX HEAD NUTS.
6. ATTACH RAIL TO STEEL PLATE WITH FOUR - 5/8" x 2" LONG HEX BOLTS WITH SQUARE WASHER AND NUT.
7. DRILL 3 - 1" DIA. HOLES IN BEAM GUIDE RAIL.



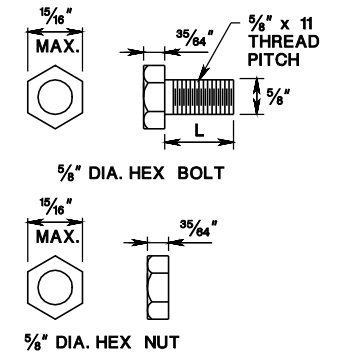
DETAIL A



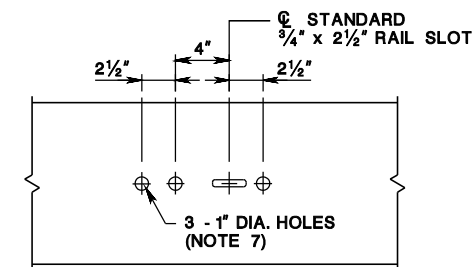
SECTION D-D



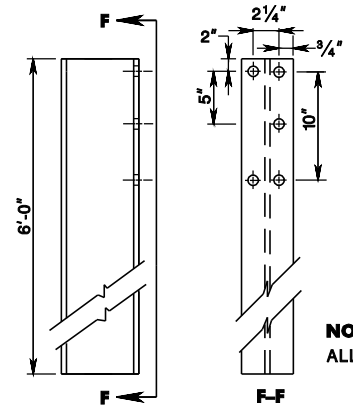
SECTION E-E



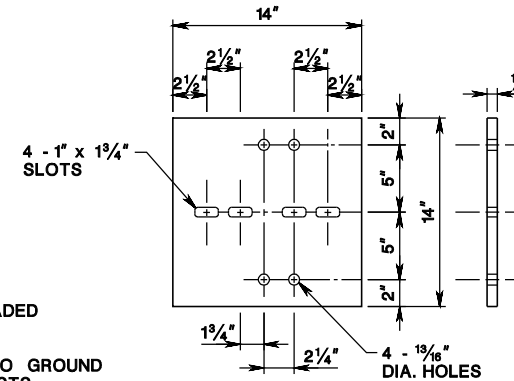
NUT AND BOLT



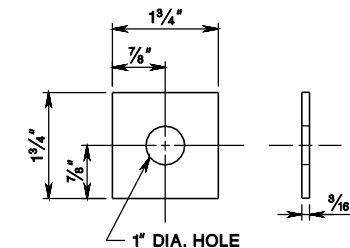
BEAM GUIDE RAIL
TERMINAL HOLES



W6 x 8.5 OR W6 x 9 STEEL POST
6' TERMINAL POST



STEEL PLATE



SQUARE WASHER

BURIED GUIDE RAIL
TERMINAL

N.T.S.

CD-609-9

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

CD-609-9.1