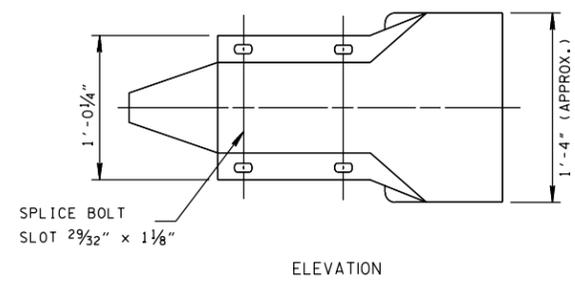
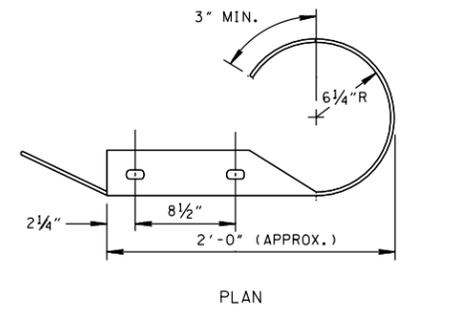
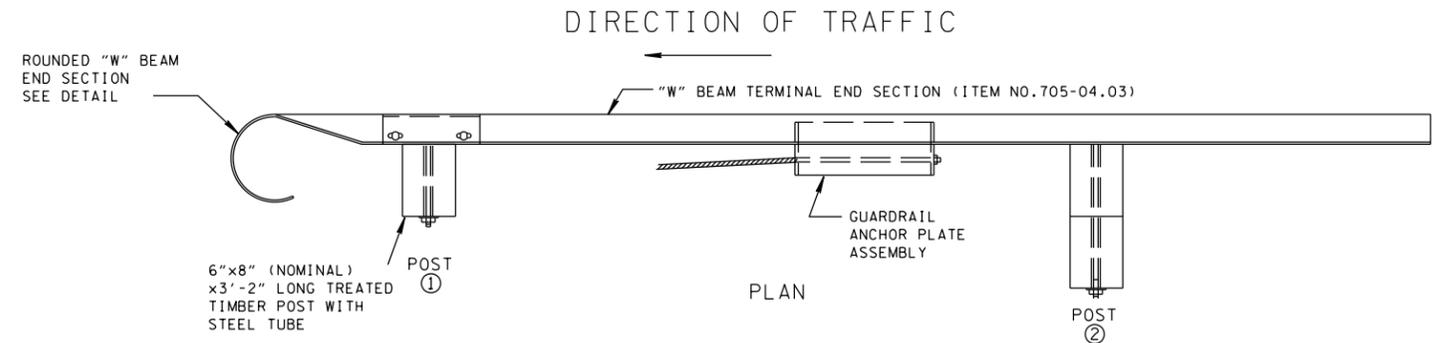
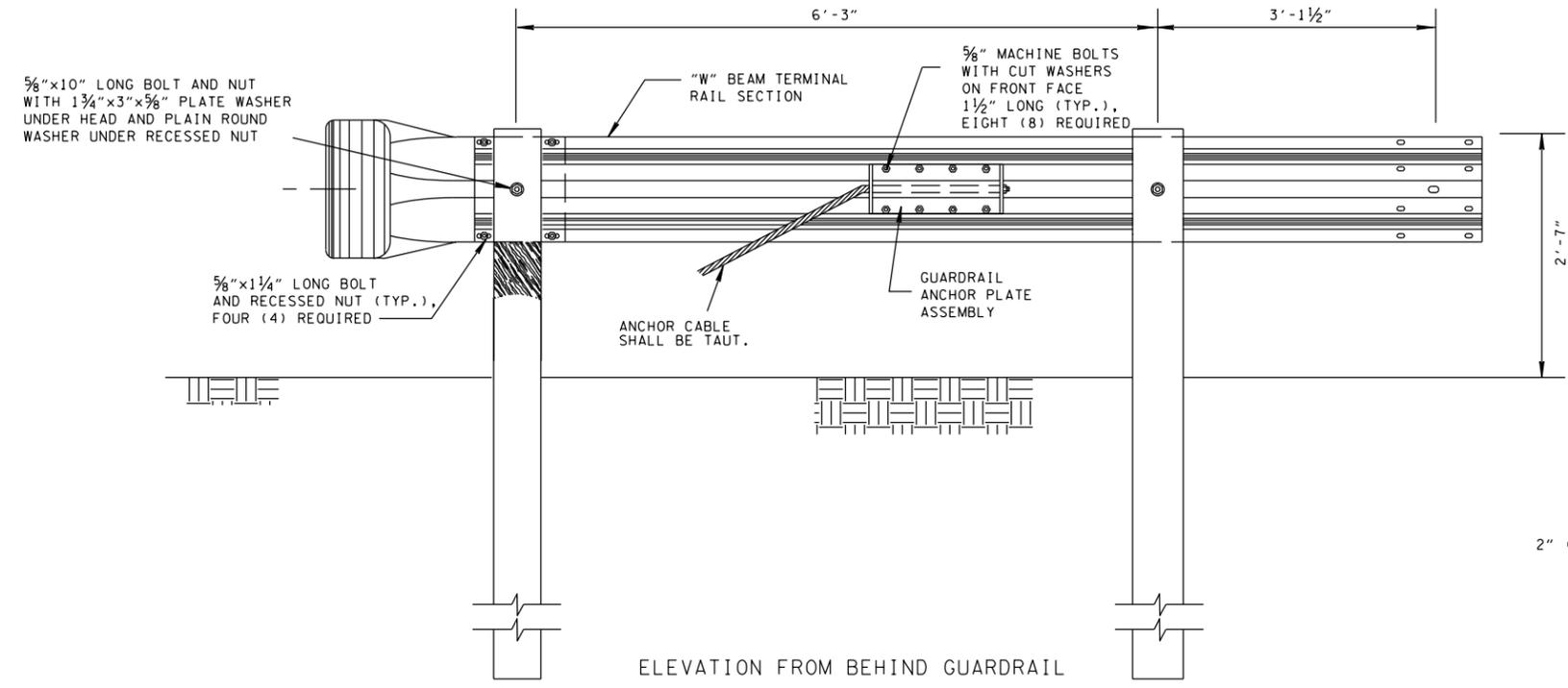


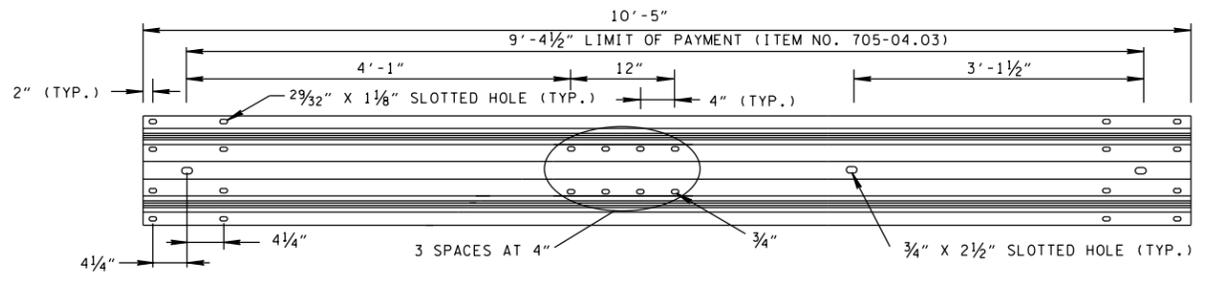
- REV. 11-06-14: EXTENDED GUARDRAIL TERMINAL PAY LIMITS.
- REV. 4-23-15: REVISED TERMINAL RAIL ELEMENT DETAILS. ADDED ALTERNATE DETAIL.



ROUNDED END ELEMENT  
(TO BE PERFORMED BY THE MANUFACTURER)

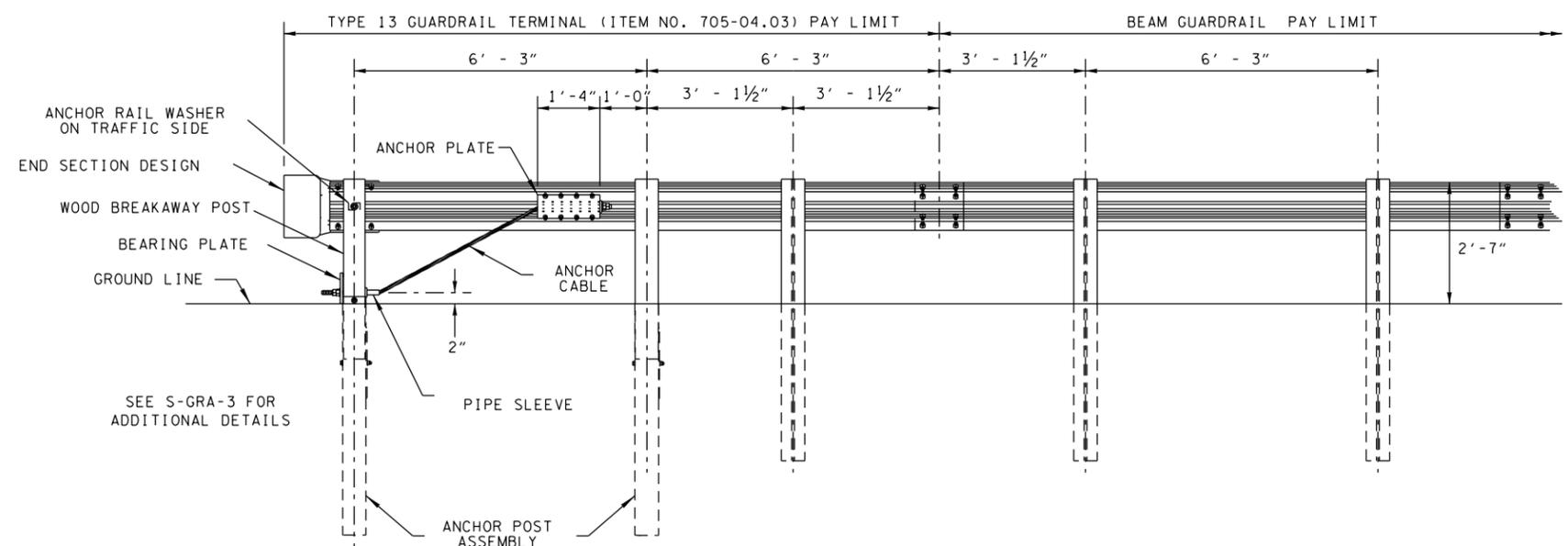


ELEVATION FROM BEHIND GUARDRAIL  
SEE S-GRA-3 FOR ADDITIONAL DETAILS



TERMINAL RAIL ELEMENT DETAILS

DO NOT USE WITHOUT ALSO REFERENCING S-GRA-3



ALTERNATE INSTALLATION DETAIL

- GENERAL NOTES**
- (A) THIS ANCHORAGE MAY ONLY BE USED ON THE TRAILING END OF A BARRIER WHICH IS NOT EXPOSED TO DIRECT VEHICULAR IMPACT OR OUTSIDE THE CLEAR ZONE (ONLY DIVIDED HIGHWAYS OR ROADS WITH ONE WAY TRAFFIC) USE S-PL-1 TO DETERMINE LENGTH OF NEED.
  - (B) GUARDRAIL SHALL MEET THE REQUIREMENTS OF AASHTO M 180, CLASS A, TYPE 1 UNLESS OTHERWISE DESIGNATED.
  - (C) ALL WOOD POSTS AND BLOCKOUTS SHALL BE TREATED TIMBER IN ACCORDANCE WITH TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
  - (D) PAY ITEM NO. 705-04.03 GUARDRAIL TERMINAL (TYPE13)