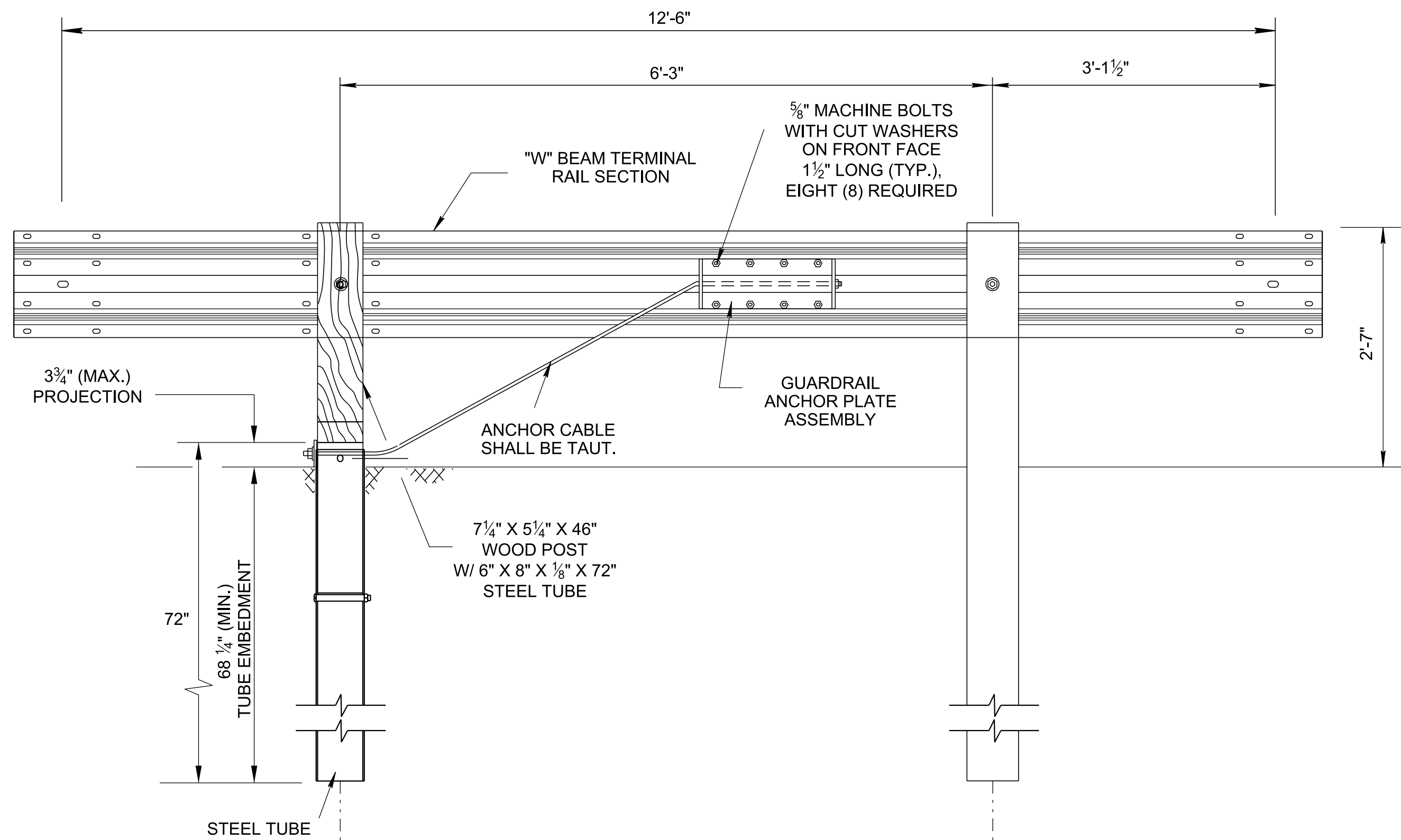
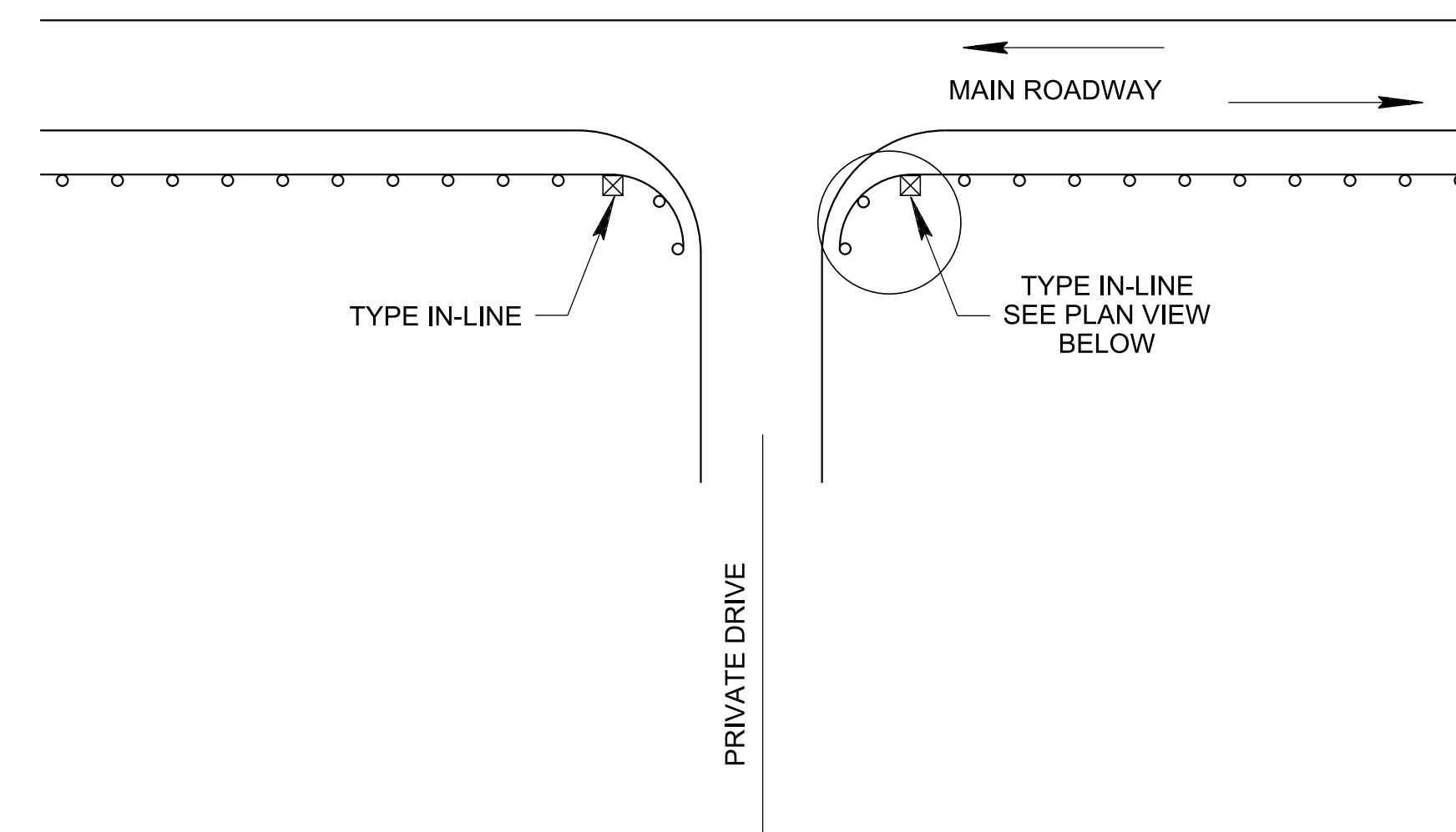


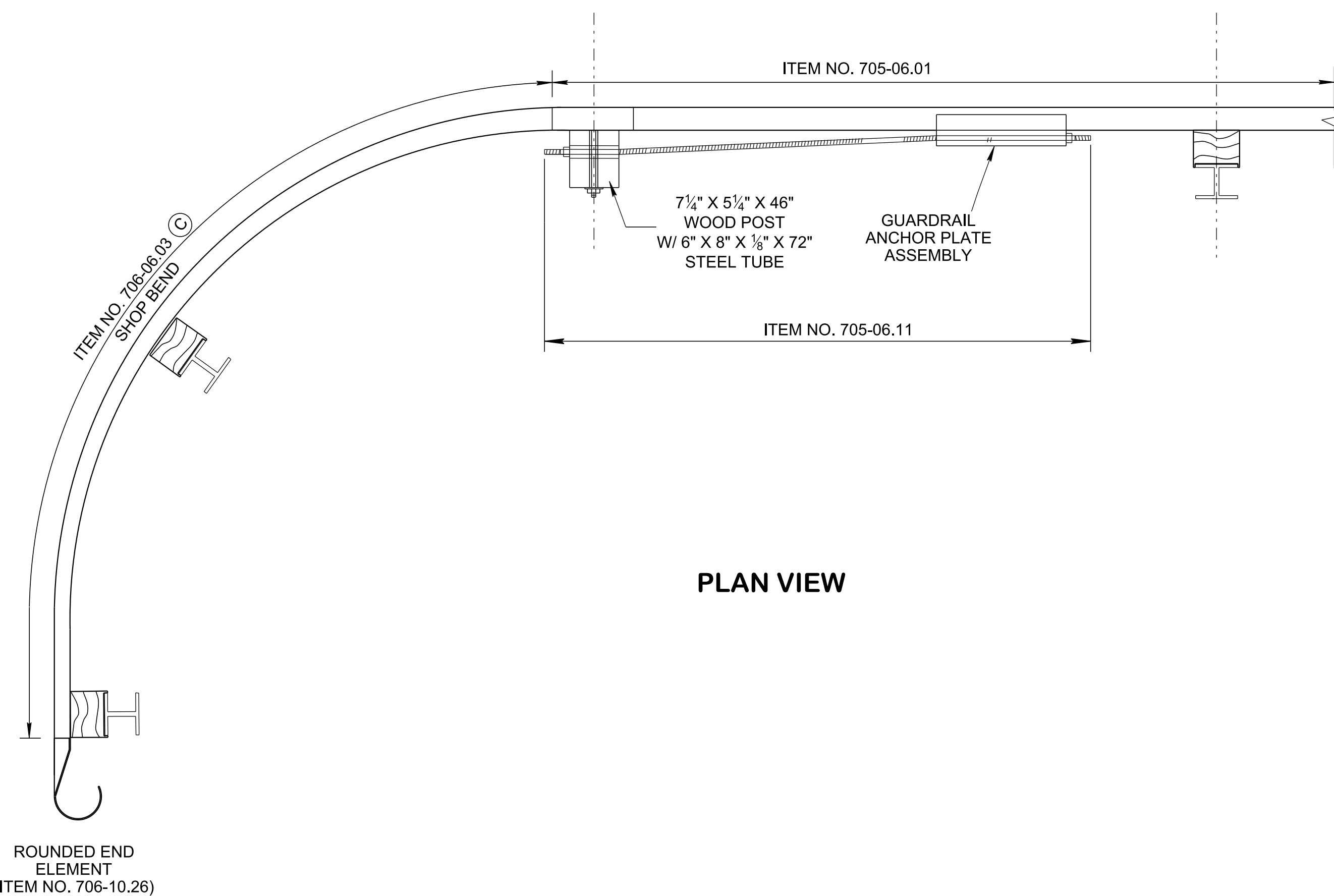
3/16/2023 2:47:37 PM P:\StandDraw\DESIGN STANDARDS\Standards Drawings\Standard Roadway Drawings - CURRENT\In Progress\10-106.00 Safety Design and Guardrails IP\106.08 Guardrail Anchors P\ISGRA4-20230301.d



ELEVATION VIEW FROM BEHIND GUARDRAIL
(SEE S-GRA-3 FOR HARDWARE DETAILS)



GUARDRAIL TERMINAL ANCHOR (TYPE IN-LINE) APPLICATION



PLAN VIEW

- REV. 5-27-16: REVISED POST SIZE IN PLAN VIEW. ADDED DIMENSIONS, REVISED DETAIL, REVISED NOTES.
- REV. 3-28-17: CHANGED PAY ITEM NUMBER.
- REV. 7-5-17: COMBINED THE TWO PLAN VIEWS. ADDED (A) DIMENSION TO THE ELEVATION VIEW.
- REV. XX-XX-18: ADJUSTED LIMITS OF PAY ITEM NUMBER 705-06.11.
- REV. 06-28-2019: REDREW SHEET.
- REV. 03-01-2023: REVISED NOTE TO DESIGNER NOTE. ADDED GENERAL NOTE (C). ITEM NUMBER FOR SHOP BENT W-BEAM RAIL WAS CHANGED ON THE PLAN VIEW.

NOTE TO DESIGNER

DO NOT USE ON NATIONAL HIGHWAY SYSTEM (NHS), USE S-GRS-7 & 7A ON NHS
DO NOT USE WITHOUT ALSO REFERENCING S-GRA-3 .

- 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 IS OUTSIDE THE CLEAR ZONE (ONLY DIVIDED HIGHWAYS OR ROADS WITH ONE WAY TRAFFIC) USE S-PL-1 TO DETERMINE LENGTH OF NEED.
 - (B) IN-LINE GUARDRAIL TERMINAL TO BE PAID FOR UNDER ITEM NUMBER: PAY ITEM NO. 705-06.11 GR TERMINAL (IN-LINE) MASH TL3 PER EACH COST TO INCLUDE WOOD POST, STEEL TUBE, ANCHOR CABLE, AND GUARDRAIL ANCHOR PLATE ASSEMBLY.
 - (C) FOR RADIUS LESS THAN OR EQUAL TO 150', USE SHOP BENT W-BEAM ITEM NO. 706-06.03 INSTEAD OF ITEM NO. 705-06.01.

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED

STATE OF TENNESSEE
STANDARD DRAWING
DEPARTMENT OF TRANSPORTATION

IN-LINE GUARDRAIL ANCHOR TO PRIVATE DRIVE