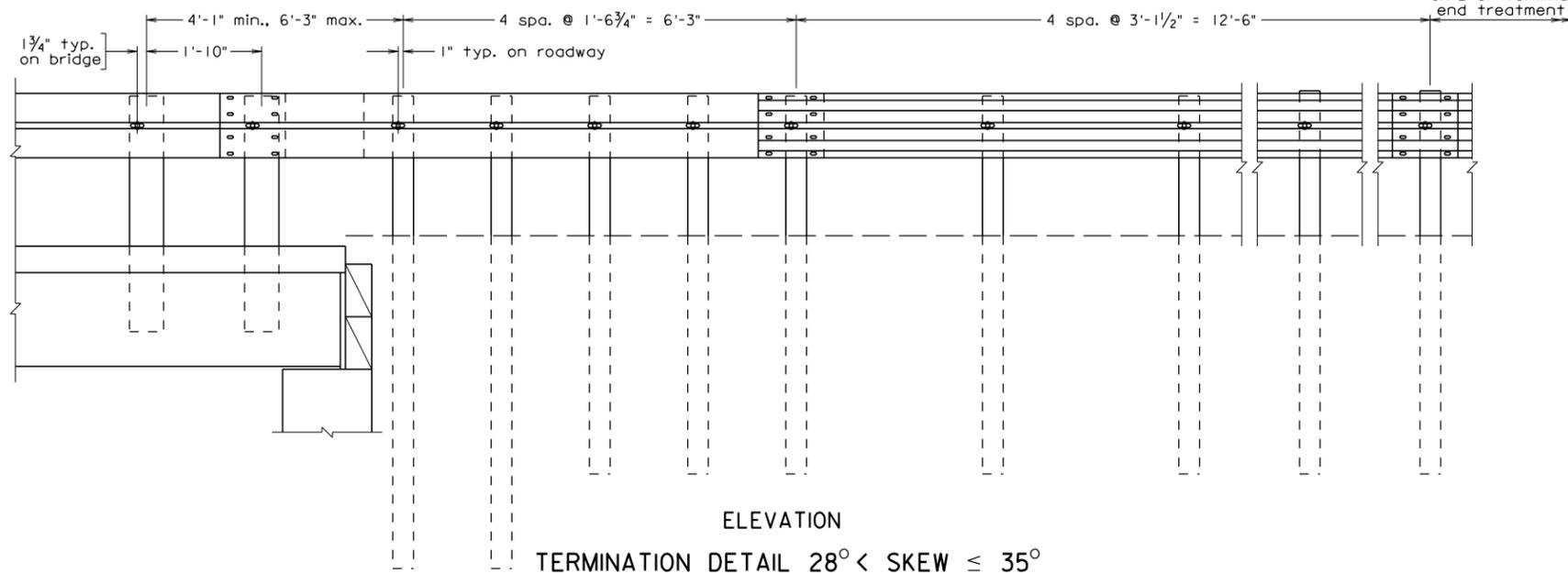
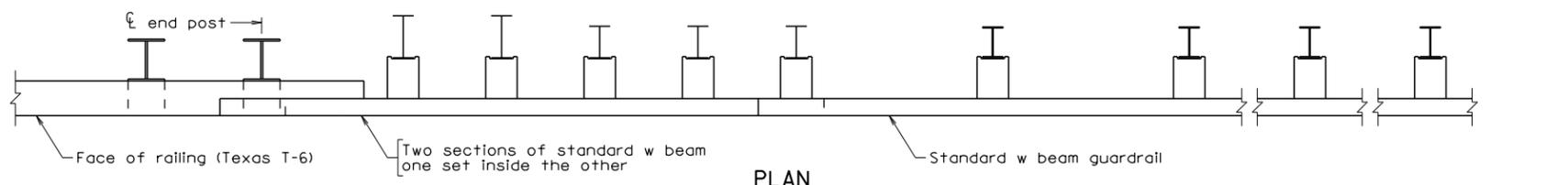
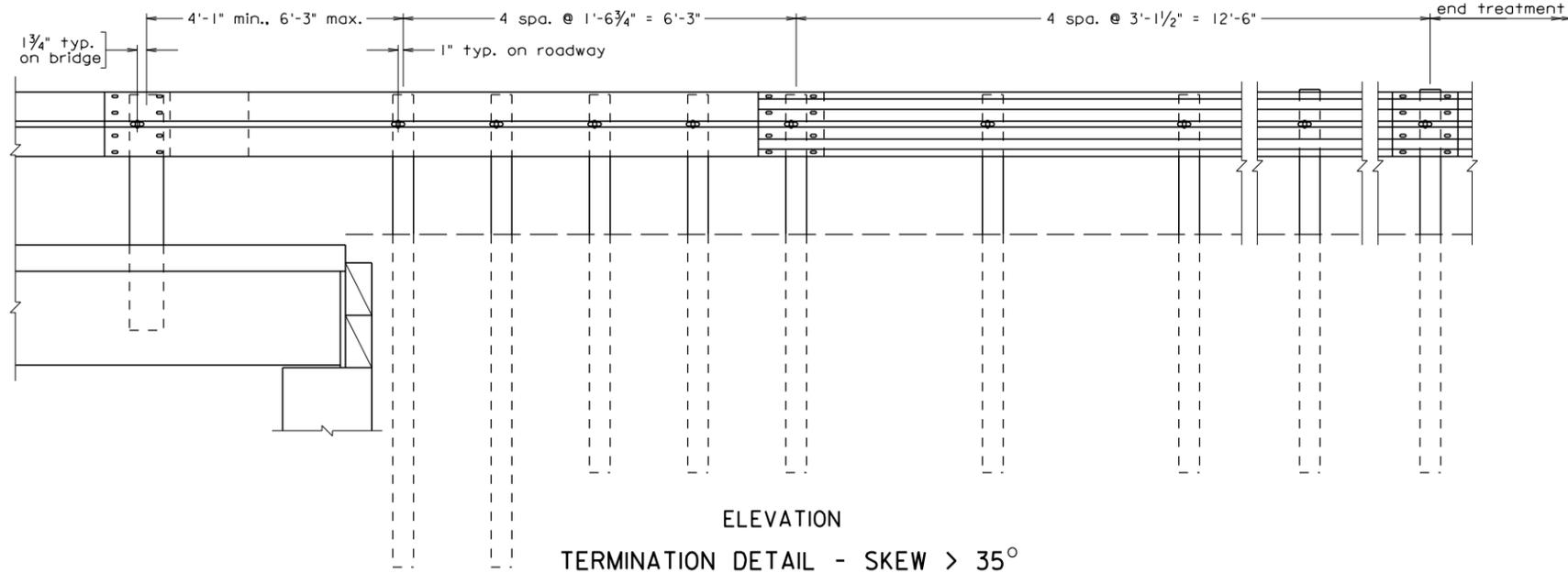
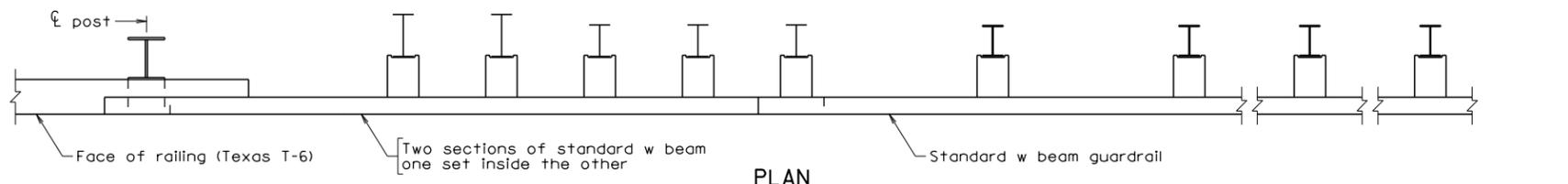


STATE	FEDERAL AID	STATE	SHEET
ROUTE	PROJECT	ROUTE	NO.
VA.			



ELEVATION
TERMINATION DETAIL 28° < SKEW ≤ 35°



ELEVATION
TERMINATION DETAIL - SKEW > 35°

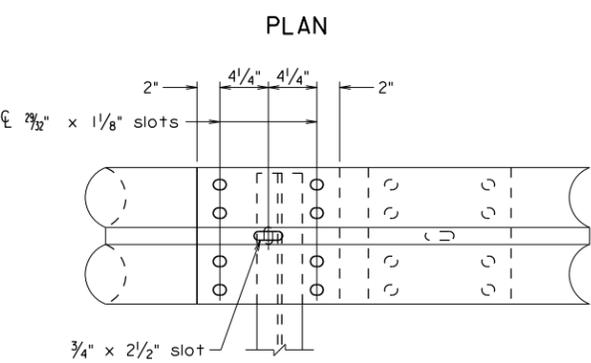
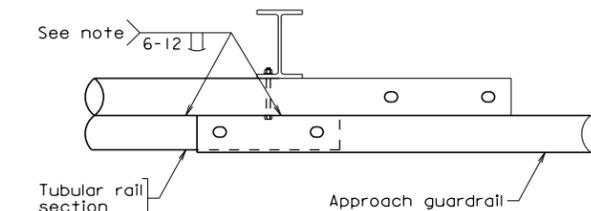
Notes:

Tubular w-beam rail member is to be fabricated from standard 25' nominal w-beam sections. Top and bottom seams shall be butt welded 6" at 12" spacing. Continuous seam welding is also acceptable. Welds shall be chipped and cleaned and the complete 25' tubular member shall be galvanized after fabrication. For tubular rail splice additional post mounting slots are to be made in each member 1'-3" from the standard slots at 6'-3" centers.

8 - 5/8" splice nuts shall be tack welded to a bent sheet metal positioner as shown. Other suitable positioning methods or devices may be substituted. The completed splice shall have 16 bolts. Each bolt will include a 1 3/4" x 3" x 3/8" plate washer or a 2" diameter washer.

Refer to Road and Bridge Standards, Section 500, for all details not shown. When railing cannot be terminated as per the Road and Bridge Standards, contact the Location and Design Special Design Section to obtain recommendations.

The details provided are shown at obtuse bridge corners. For details at acute bridge corners, see sheet .



ELEVATION
GUARDRAIL - TUBULAR RAIL SPLICE

SS805D.dgn

03-10-2015

SS8-5D

Sealed and Signed by:
Prasad L. Nallapareni
Lic. No. 033003
On the date of
March 10, 2015

A copy of the original
sealed and signed
standard drawing
is on file in the
Central Office.

VDOT S&B DIVISION
RICHMOND, VA
STRUCTURAL ENGINEER

Not to scale

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COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION					
STRUCTURE AND BRIDGE DIVISION					
STEEL BEAM WITH TIMBER DECK SUPERSTRUCTURE TERM. DETAILS - OBTUSE CORNER					
No.	Description	Date	Designed: S&B DIV	Date	Plan No.
			Drawn: S&B DIV		Sheet No.
			Checked: S&B DIV		SS8-5D
Revisions					

**SS-8 STEEL BEAM WITH TIMBER DECK SUPERSTRUCTURE STANDARD
RAILING TERMINATION DETAILS**

NOTES TO DESIGNER:

Include standards SS8-1, SS8-2, SS8-3C, SS8-4 and SS8-5B in the plans when using this standard. Include standard SS8-5D where skew is greater than 28° and end posts in obtuse corners would conflict with the abutment, backwall and/or lagging. Where skew $\leq 28^\circ$ or skew $> 28^\circ$ and end posts in obtuse corners **do not conflict** with the abutment, backwall and/or lagging, do not include this standard in the plan set and remove the bracketed note from standard SS8-5B..

Substitute standard SS8-3D for SS8-3C in the plans when bolted angles are used in lieu of welded plates to connect the diaphragm channels to the beam webs.

ADD THE FOLLOWING NOTES, DIMENSIONS, DETAILS, ETC. TO STANDARD:

NOTES:

Add the sheet number for reference to acute corner details.