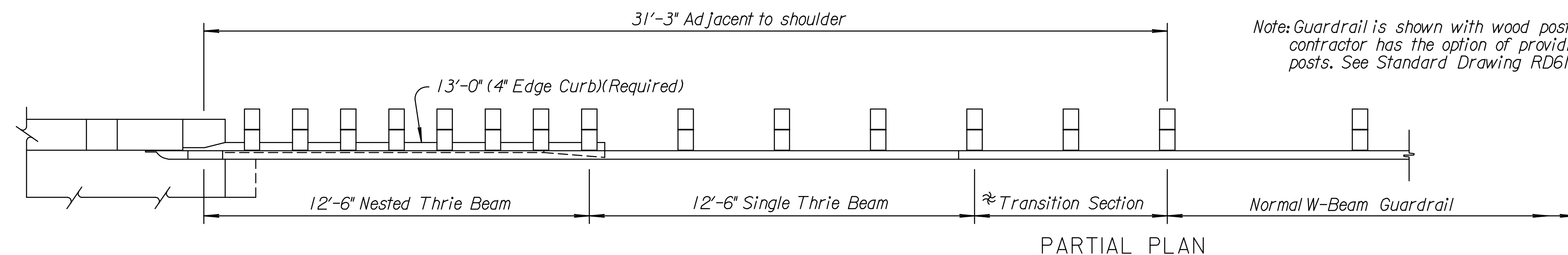
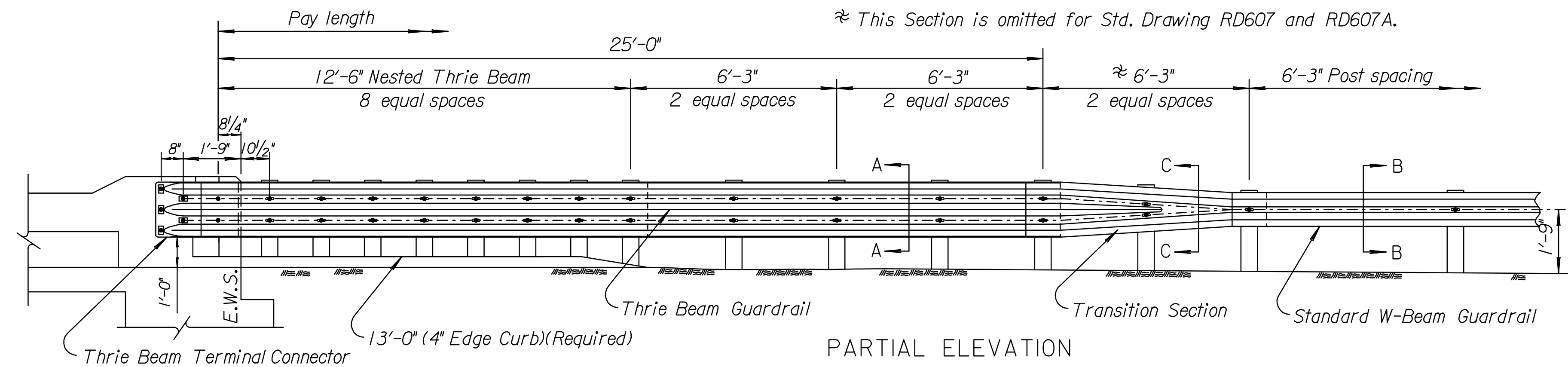


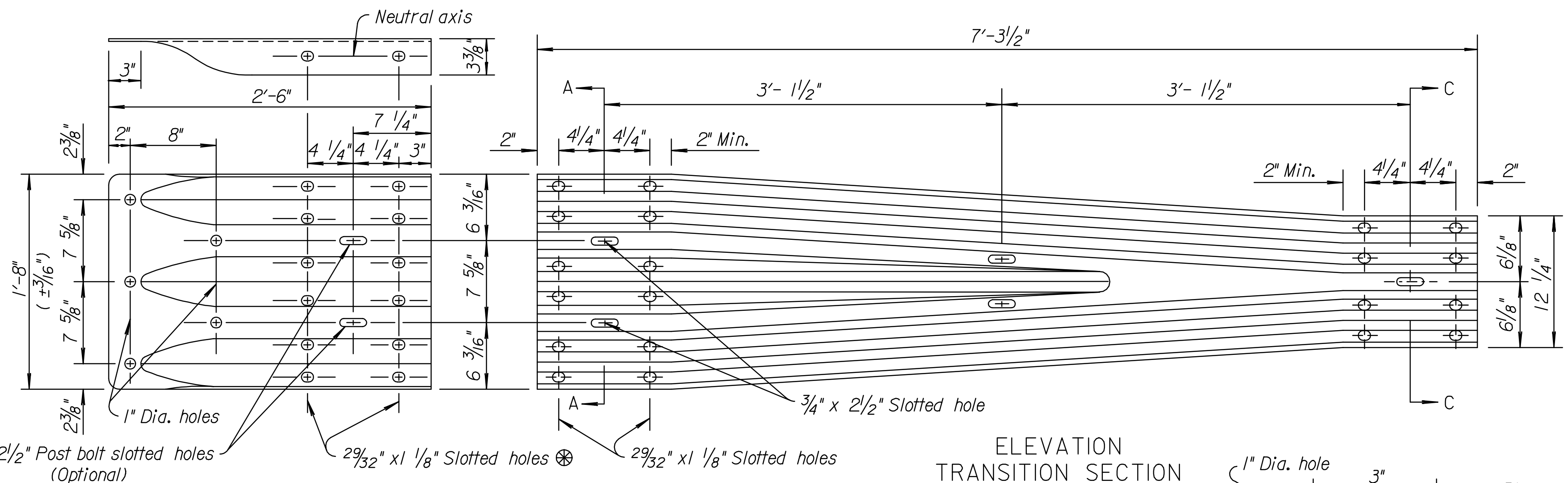
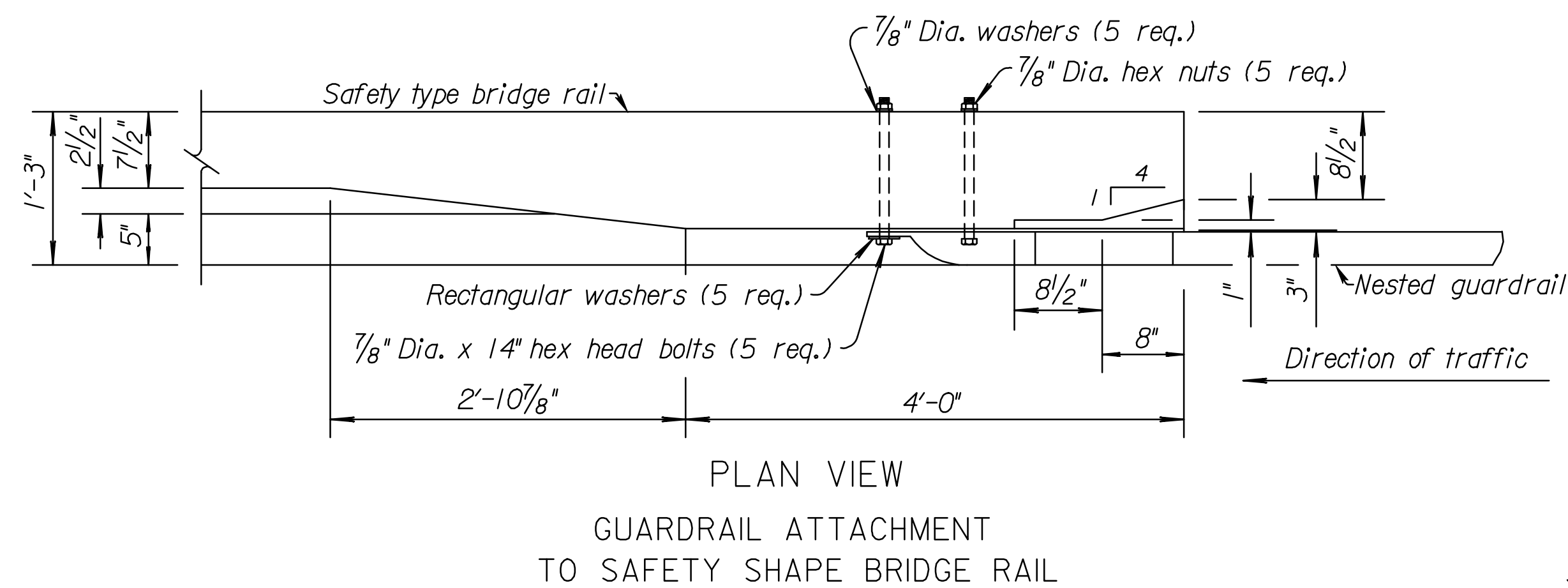
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-84923	2011	5	42



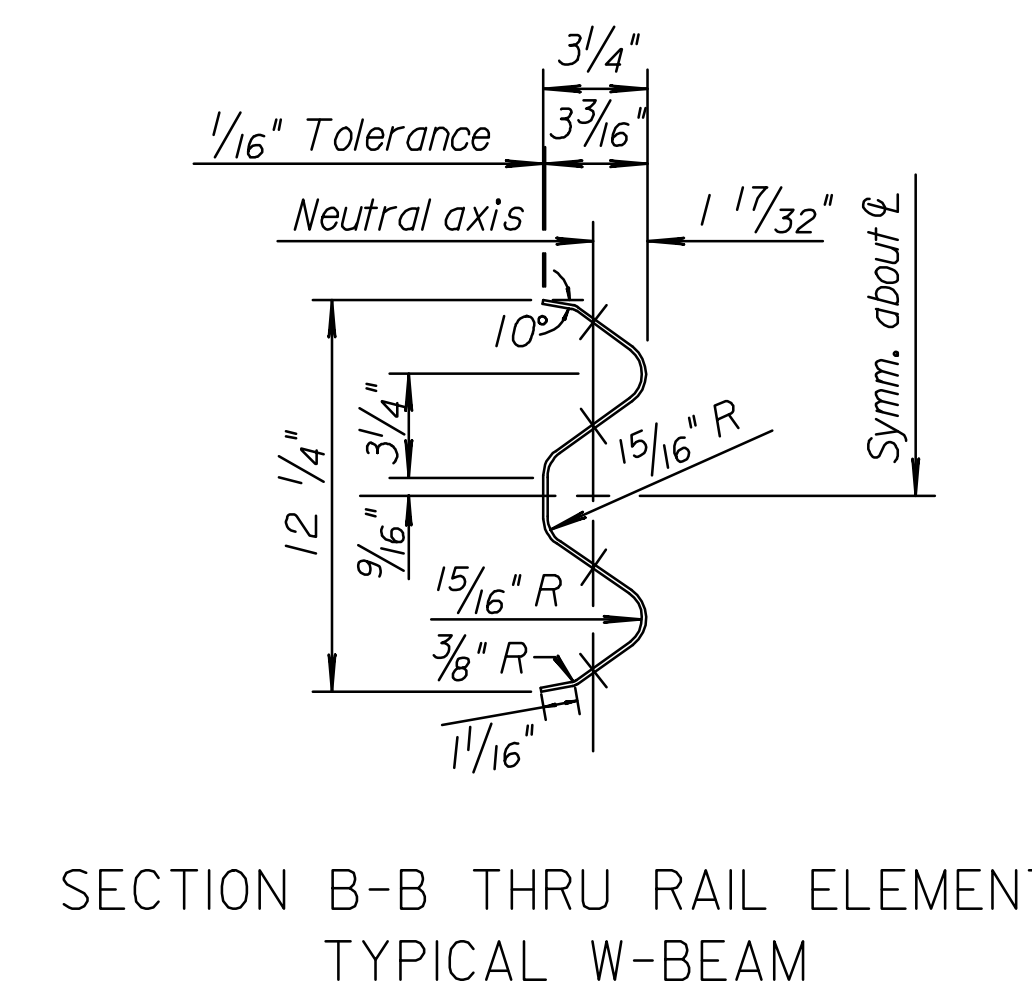
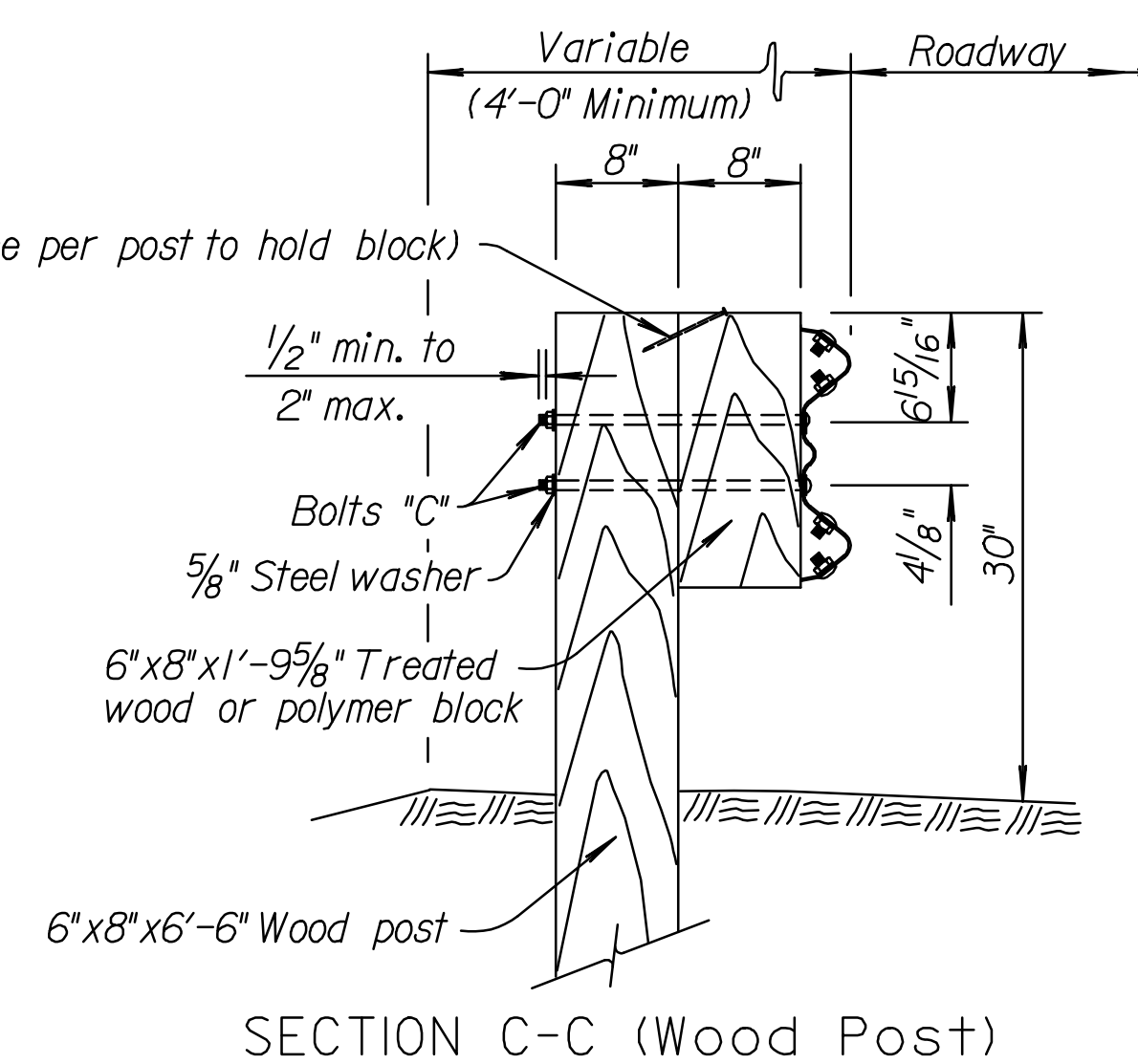
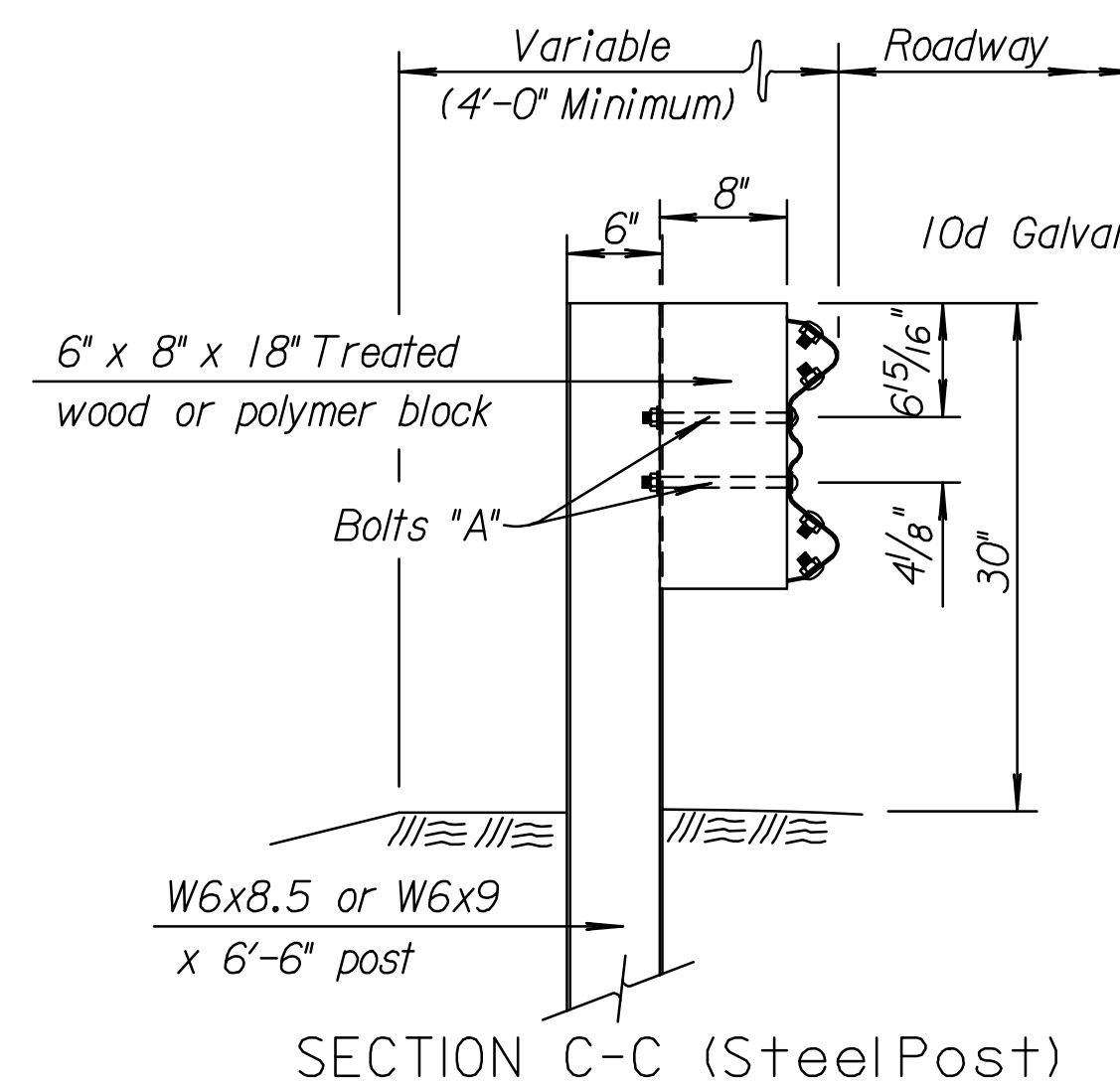
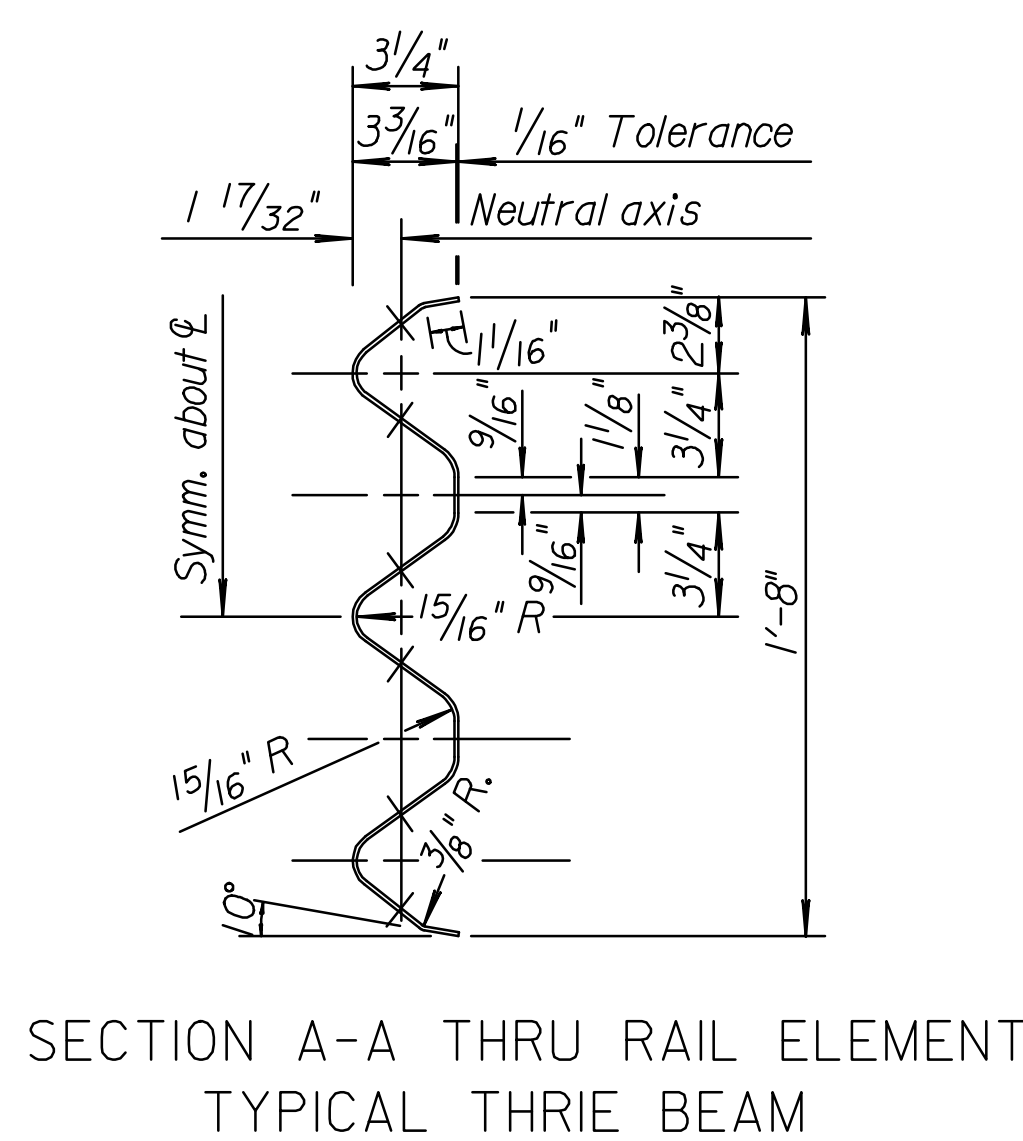
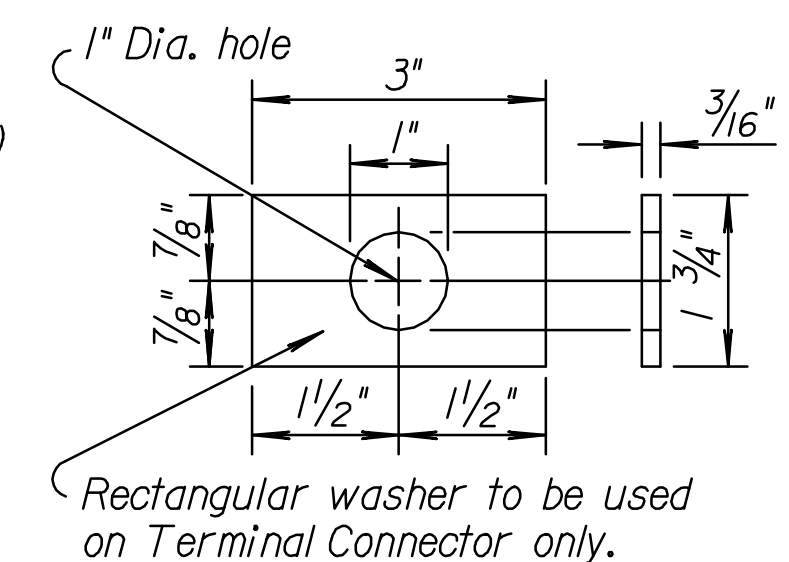
Note: Guardrail is shown with wood posts. However the contractor has the option of providing wood or steel posts. See Standard Drawing RD611 for details.



GENERAL NOTE
 Rail Element shall be #10 or #12 U.S. Standard Gauge except where specific gauge is required, such as at end terminal or bullnose sections. Galvanized steel rail elements shall be used. All post rail fittings and anchor bolts shall be galvanized in accordance with Standard Specifications.
 Guardrail parts furnished under this specification shall be interchangeable with similar parts regardless of the source or manufacturer. When radius is less than 150', rails are to be shop curved. Terminal connector shall be 10 gauge steel and shall be fabricated in accordance with the KDOT Standard Specification. The connector has the same section as thrie beam guardrail. Terminal connector shall be subsidiary to the bid item "Steel Plate Guardrail".
 All guardrail splices, including special end shoes, shall be lapped in the direction of traffic. Where traffic is temporarily carried in the direction opposite of the final configuration, the rail splices shall be lapped in the direction of the permanent traffic.
 Bridge rail transition shall consist of one 25'-0" Thrie beam section, one 12'-6" Thrie beam section nested in back of 25'-0" section, and one Thrie beam to W-beam transition section, posts located as shown, and all associated hardware. The remainder of the guardrail shall be W-beam with 6'-3" post spacing and may be furnished in either 12'-6" or 25'-0" sections.
 All material and work required for this construction shall be included in the pay item "Steel Plate Guardrail".



Optional 29 3/32" x 1 3/4" Slotted holes Rotated 50° (Typical) (12 req'd.)



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NO.	DATE	REVISIONS	BY	APP'D
12	7-2-09	Rev. Safety Shape Bridge Rail detail	S.W.K.	J.O.B.
11	1-5-04	Added 4" Edge Curb, revised notes	S.W.K.	J.O.B.
10	11-20-02	Revised post spacing and layout	S.W.K.	J.O.B.
9	5-18-00	Added note for temporary traffic	R.J.S.	J.O.B.

KANSAS DEPARTMENT OF TRANSPORTATION

DETAILS OF THRIE BEAM GUARDRAIL TRANSITION

RD613

DESIGNED	12-18-09	APP'D. James O. Brewer
DESIGN CK.	DETAIL CK.	QUANTITIES
		TRACED
		QUAN. CK.
		TRACE CK. R.J.S.