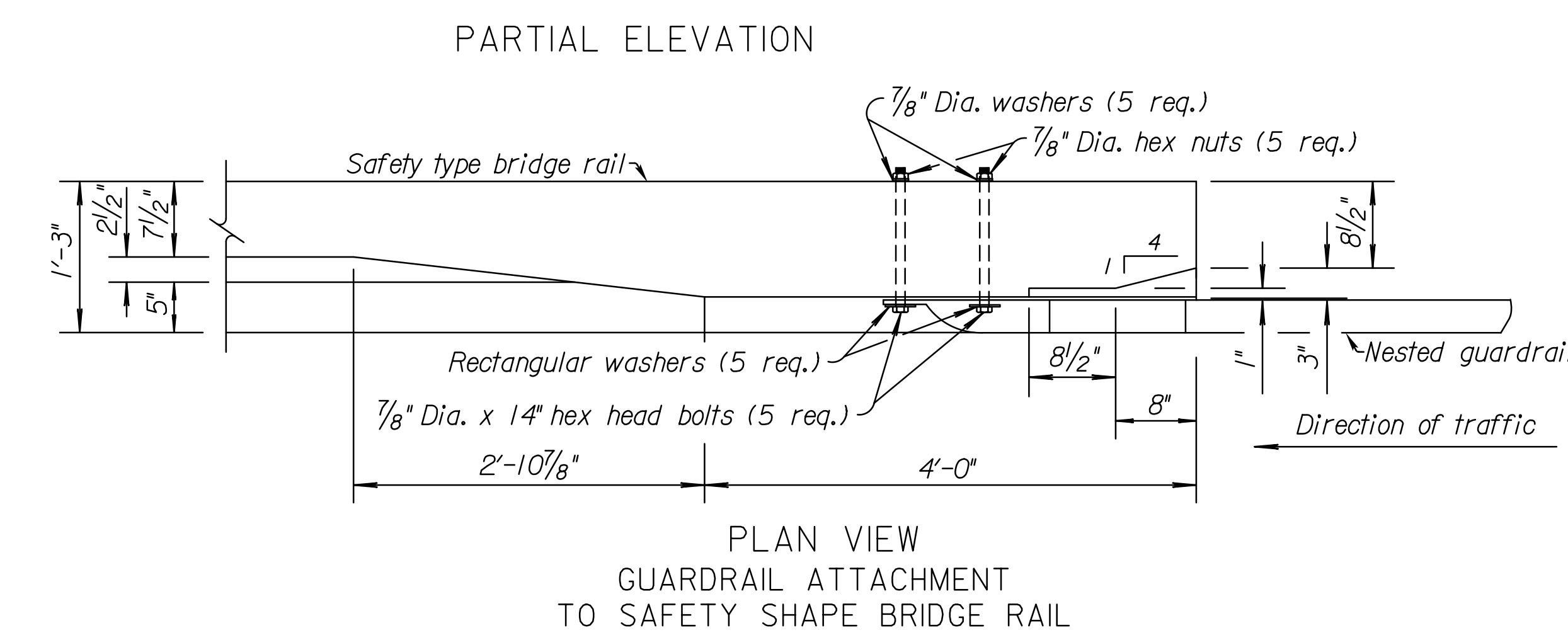
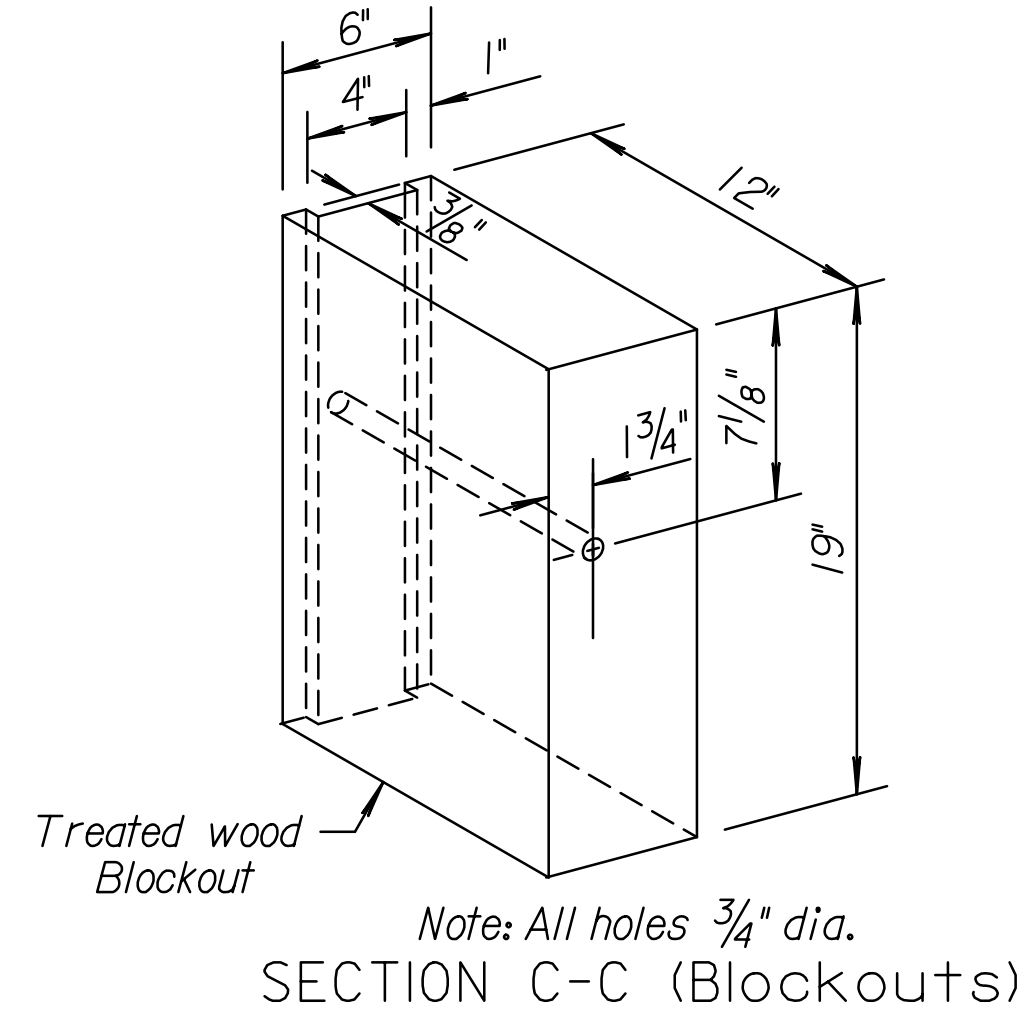
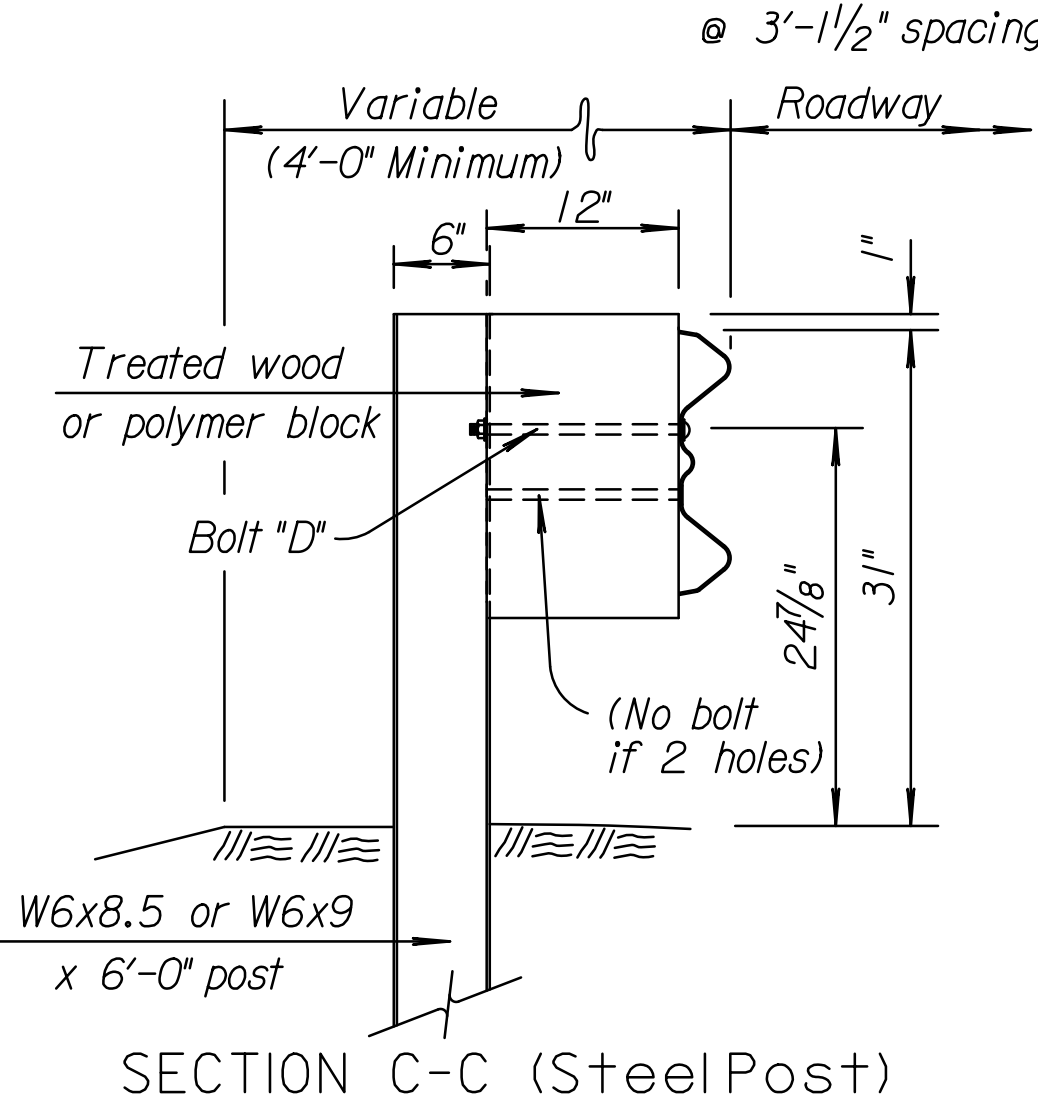
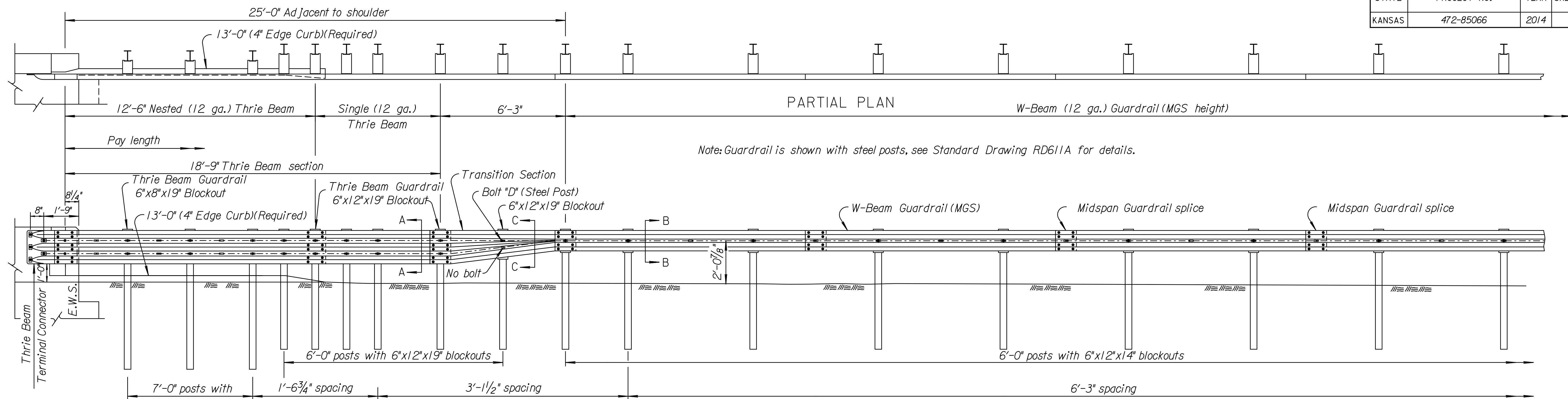


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85066	2014	82	388

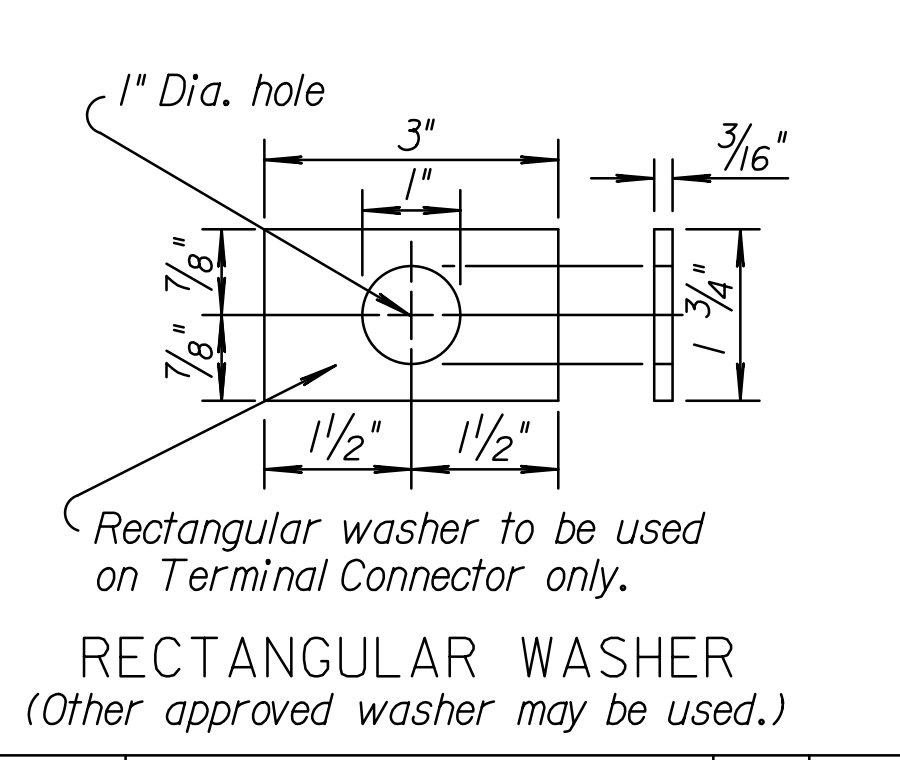
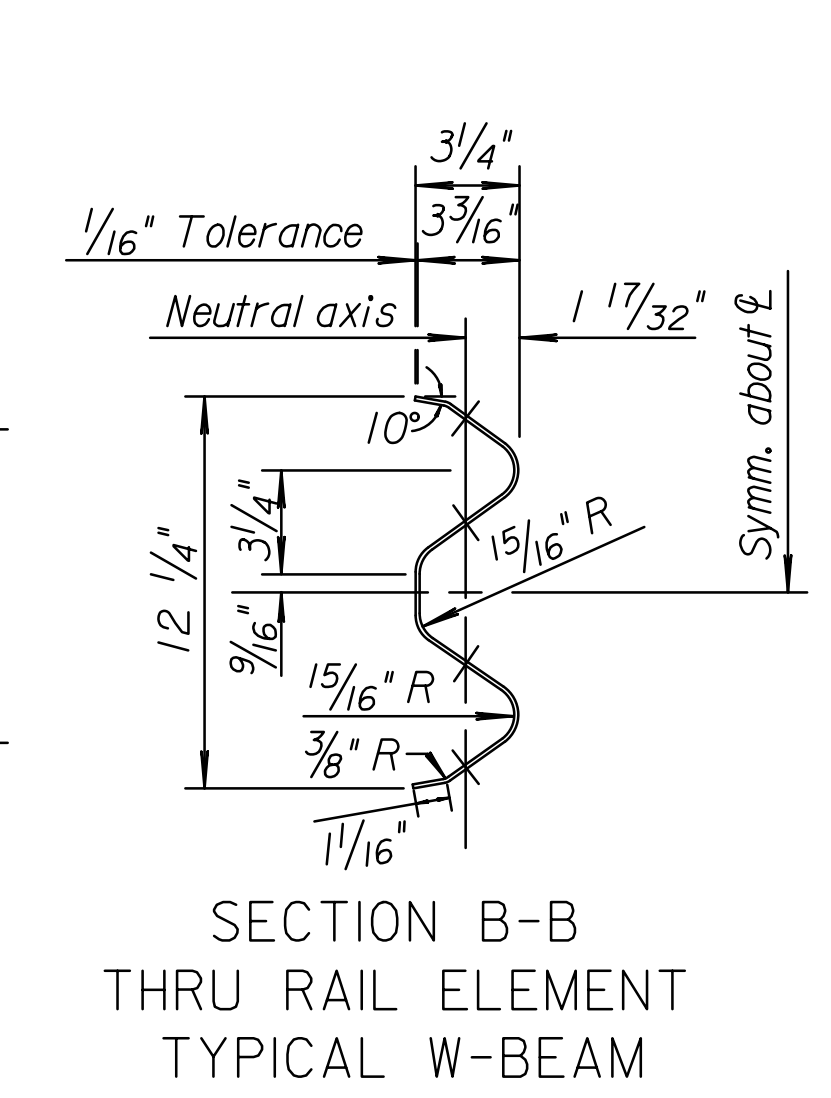
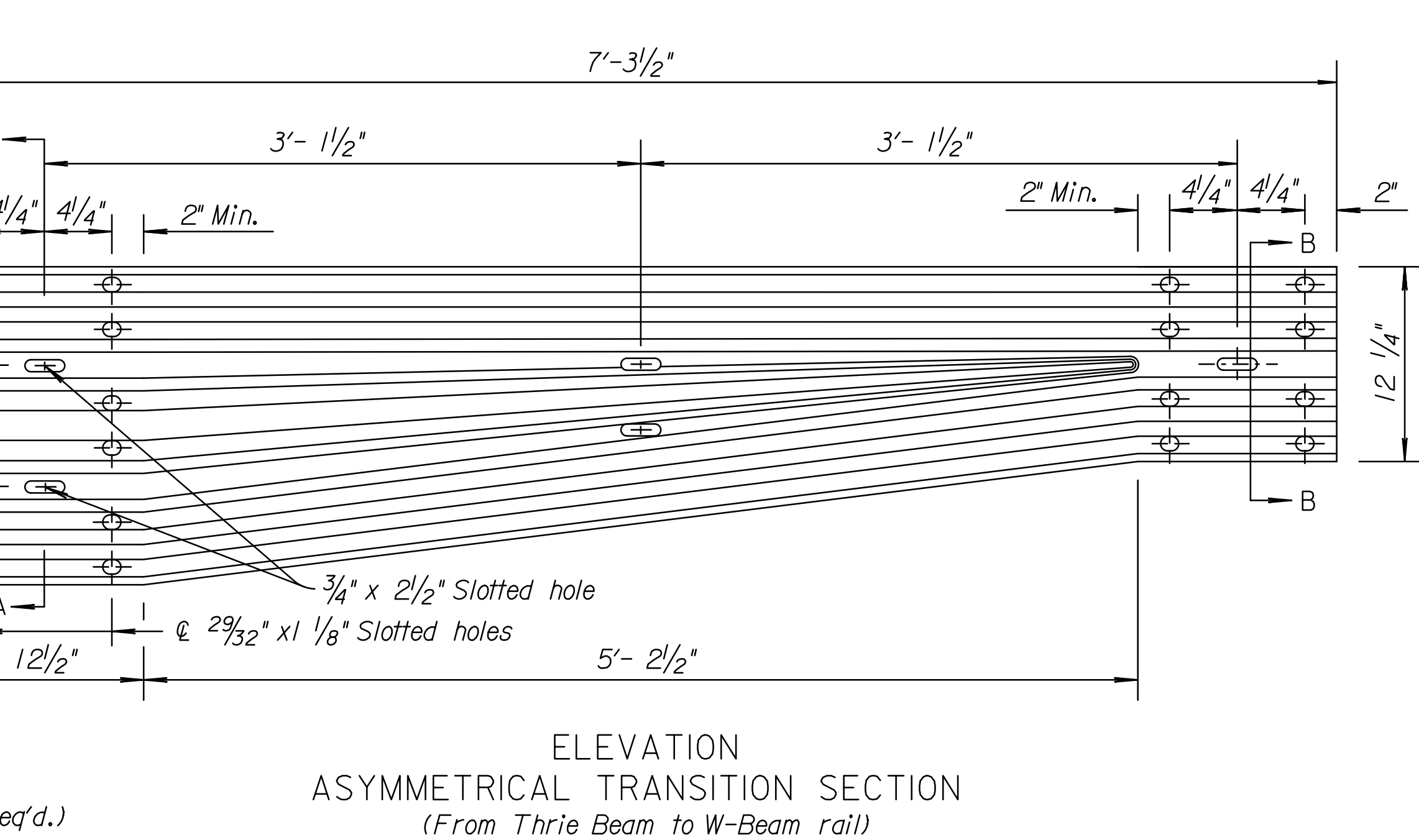
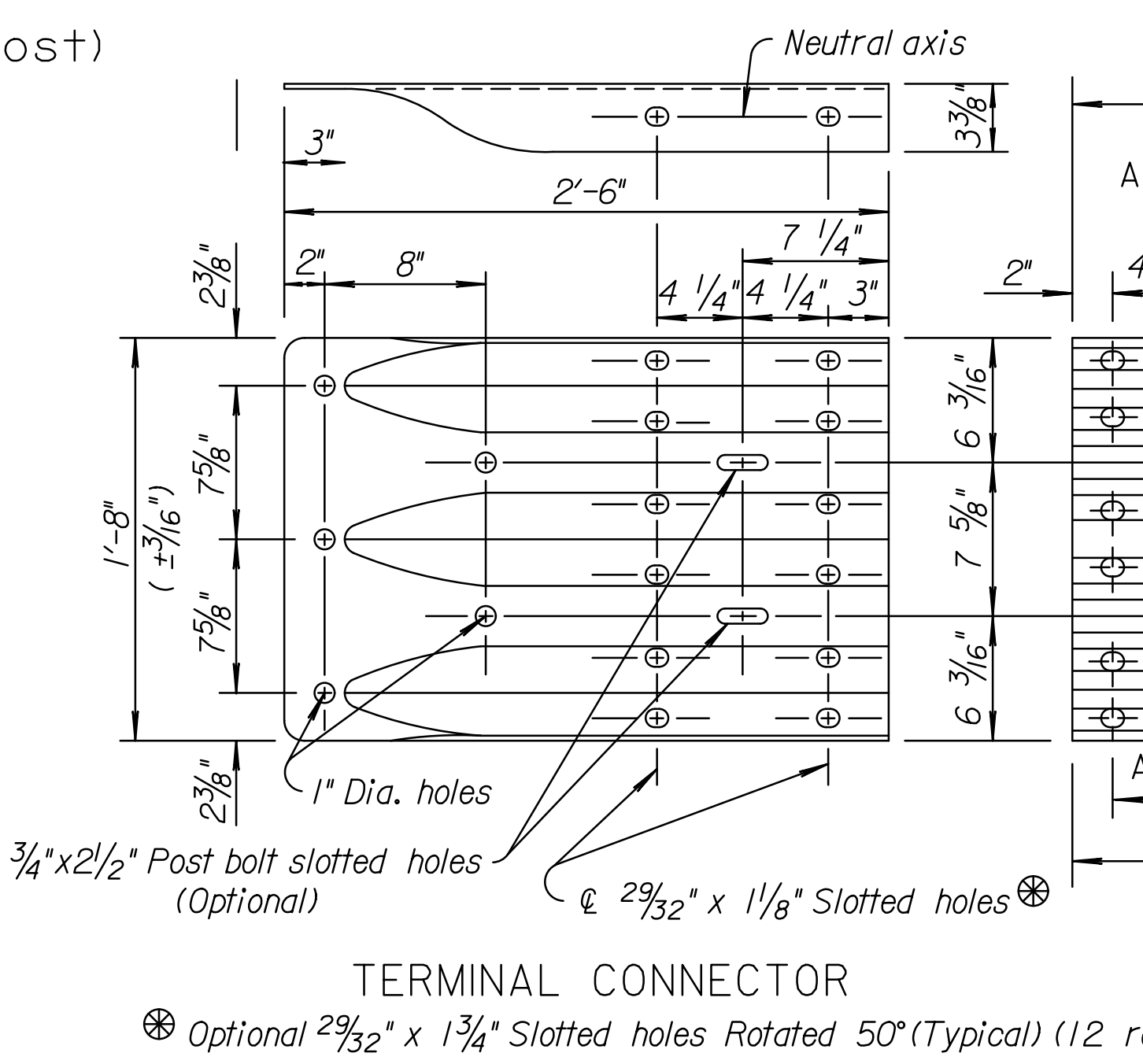
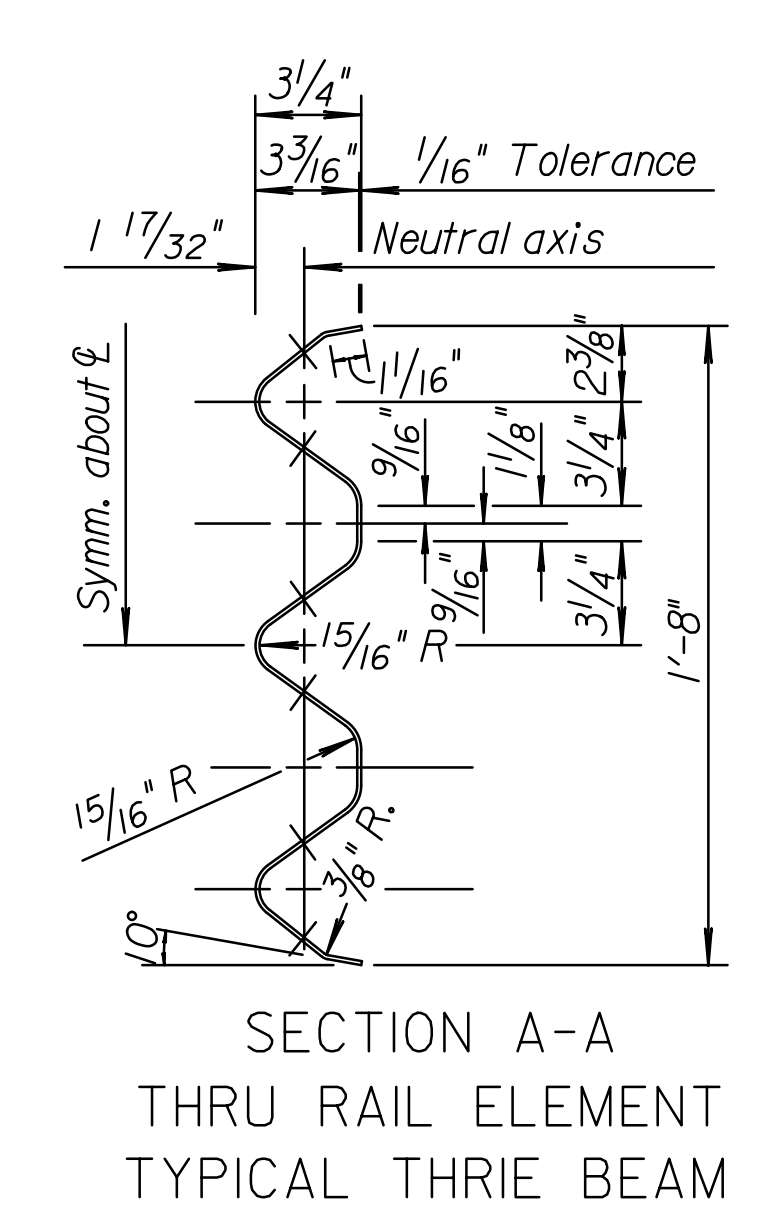


**GENERAL NOTE**

Use galvanized 12 gauge steel rail elements unless otherwise noted. Use galvanized anchor bolts and post rail fittings, see Standard Specifications regardless of source or manufacturer. Fabricate Terminal Connector from 10 gauge steel, see Standard Specification. The connector has the same section as thrie beam guardrail. Terminal connector is subsidiary to the bid item "Guardrail, Steel Plate".

Shop curve rails when radius is less than 150'. Lap guardrail splices, including terminal connector, in the direction of traffic. Where traffic is temporarily carried in the opposite direction of final configuration, lap rail splices in the direction of permanent traffic. Bridge to guardrail transition consists of 1- 18'-9" thrie-beam with 1- 12'-6" thrie-beam section nested in back of 18'-9" section (See Layout), 1- Thrie beam to W-beam Asymmetrical transition section, use associated hardware with post sizes and location shown. For the remainder of installation use (MGS) W-beam guardrail with only one post/blockout type used within (MGS) guardrail run.

All material and work required for this construction are included in the bid item "Guardrail, Steel Plate".



Drawn By: cp  
 Plotted: 30-DEC-2013 13:33  
 File: I:\2009\09521\Standards\09521-rd613a.dgn

KANSAS DEPARTMENT OF TRANSPORTATION				
NO.	DATE	REVISIONS	BY	APP'D
1	1-25-12	Revised Details, Thrie-Beam	S.W.K.	J.O.B.
DESIGNED	QUANTITIES	TRACED	Bowser	
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK. King	
<b>RD613A</b>				
<b>DETAILS OF THRIE BEAM TO (MGS) GUARDRAIL TRANSITION</b>				
FHWA APPROVAL 4-25-12 APP'D. James O. Brewer				
DESIGNED BY: S.W.K. QUANTITIES: J.O.B. TRACED BY: Bowser				
DESIGN CK.: DETAIL CK.: QUAN. CK.: TRACE CK.: King				