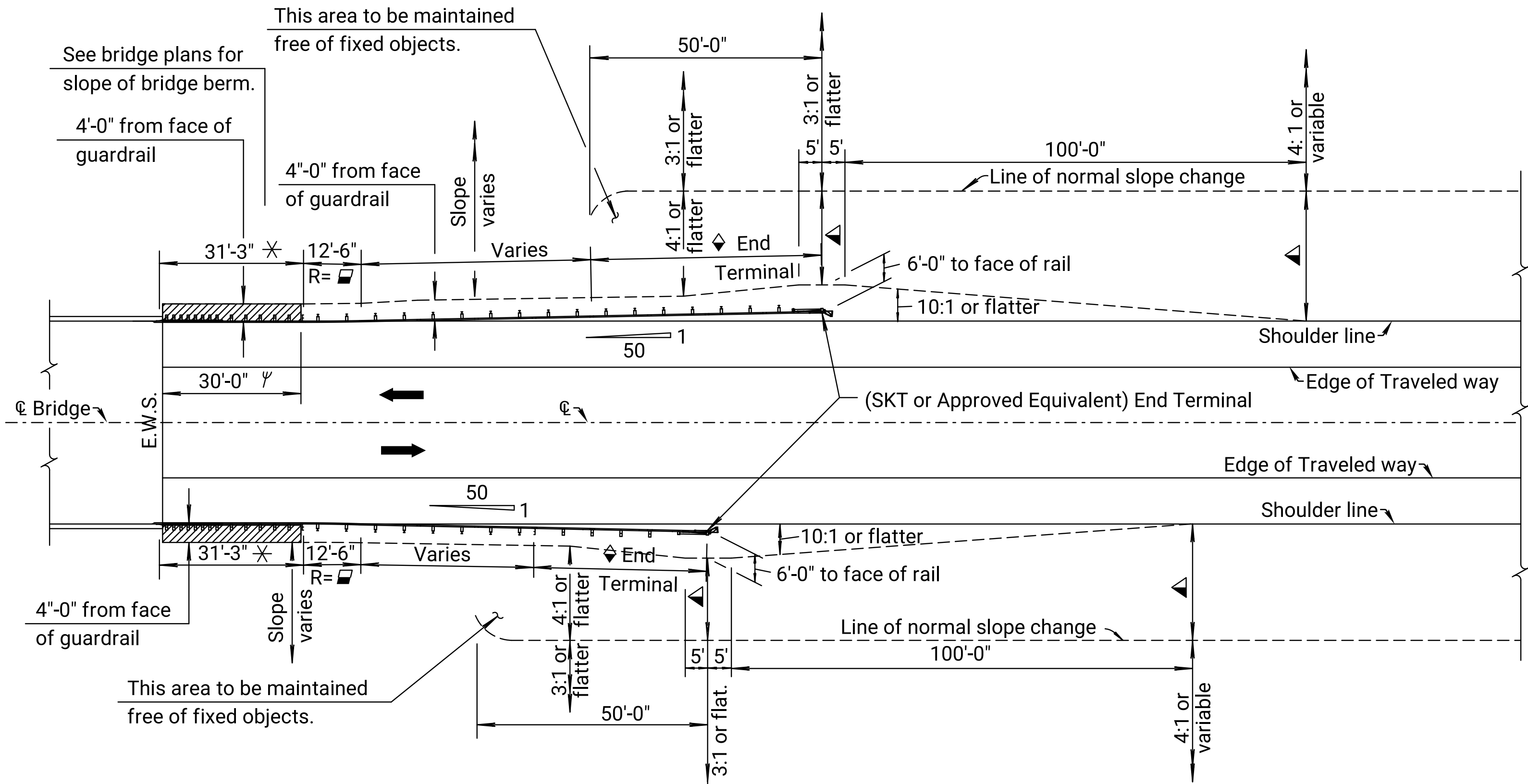


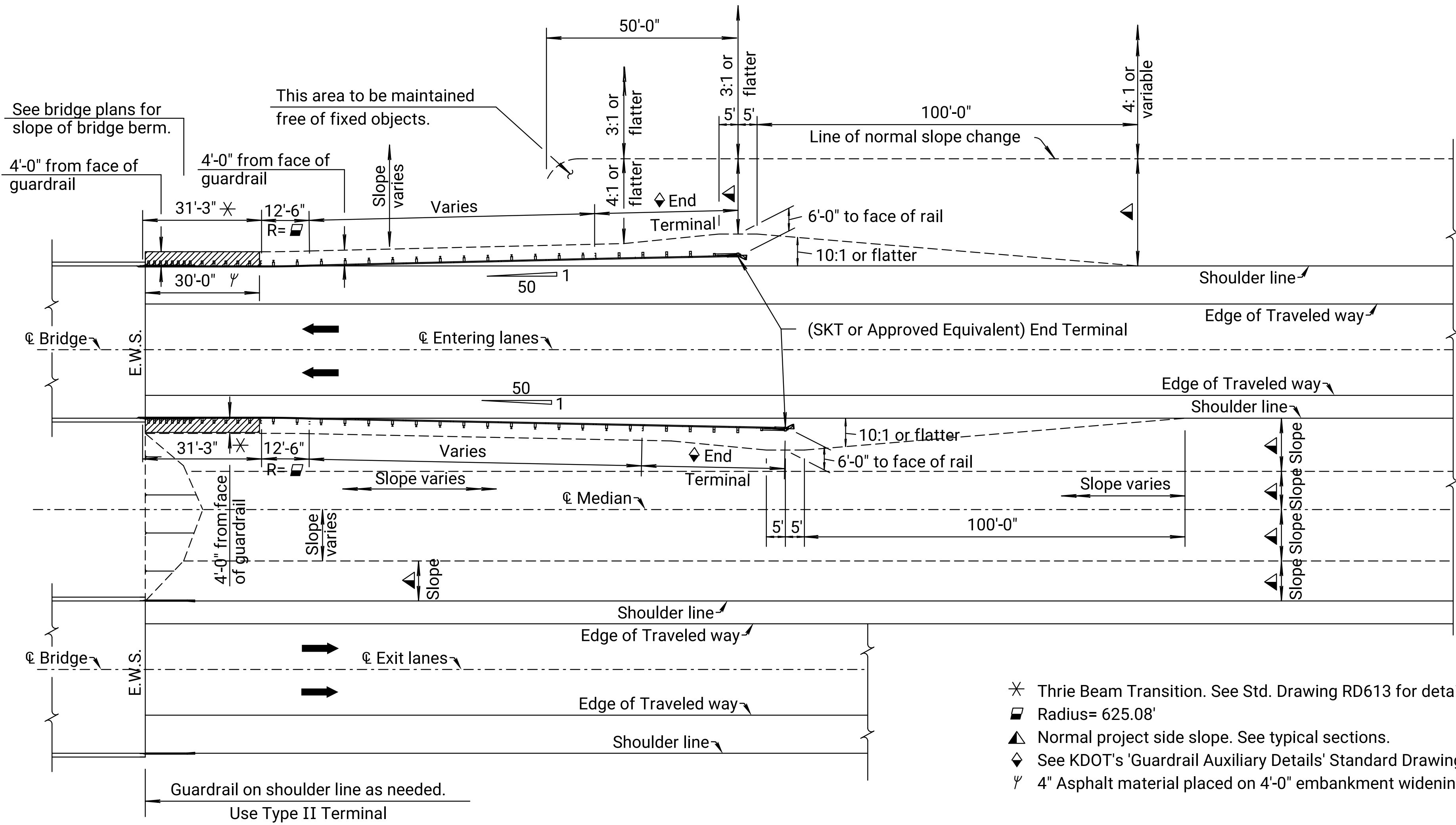
Note to Designer: Guardrail length of need shall be determined in accordance with the AASHTO Roadside Design Guide, L₁ for length of need calculation on flared alignment shown is 37.5'. Under certain conditions, the designer may elect to reduce the length of flare to include only the end terminal. This sheet shall be used when the parallel guardrail design is selected. Material for asphalt guardrail widening shall be included in the plan quantities.

Plotted by : KDOT#CADD.Support_Lks.gov 11-JUN-2022 00:48
File : rd612.dgn

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS		0	0	

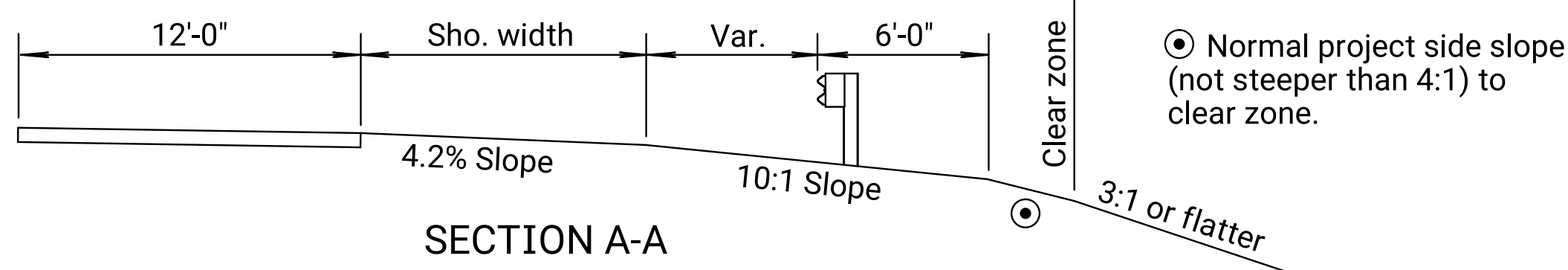


THRIE BEAM TRANSITION - TWO LANES

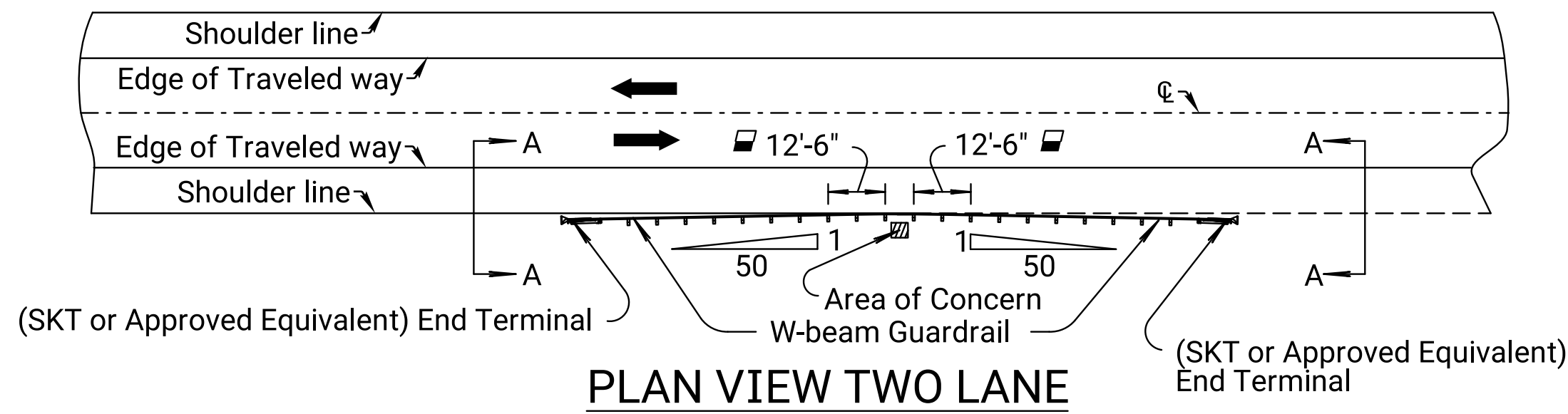


THRIE BEAM TRANSITION - FOUR LANES (DIVIDED)

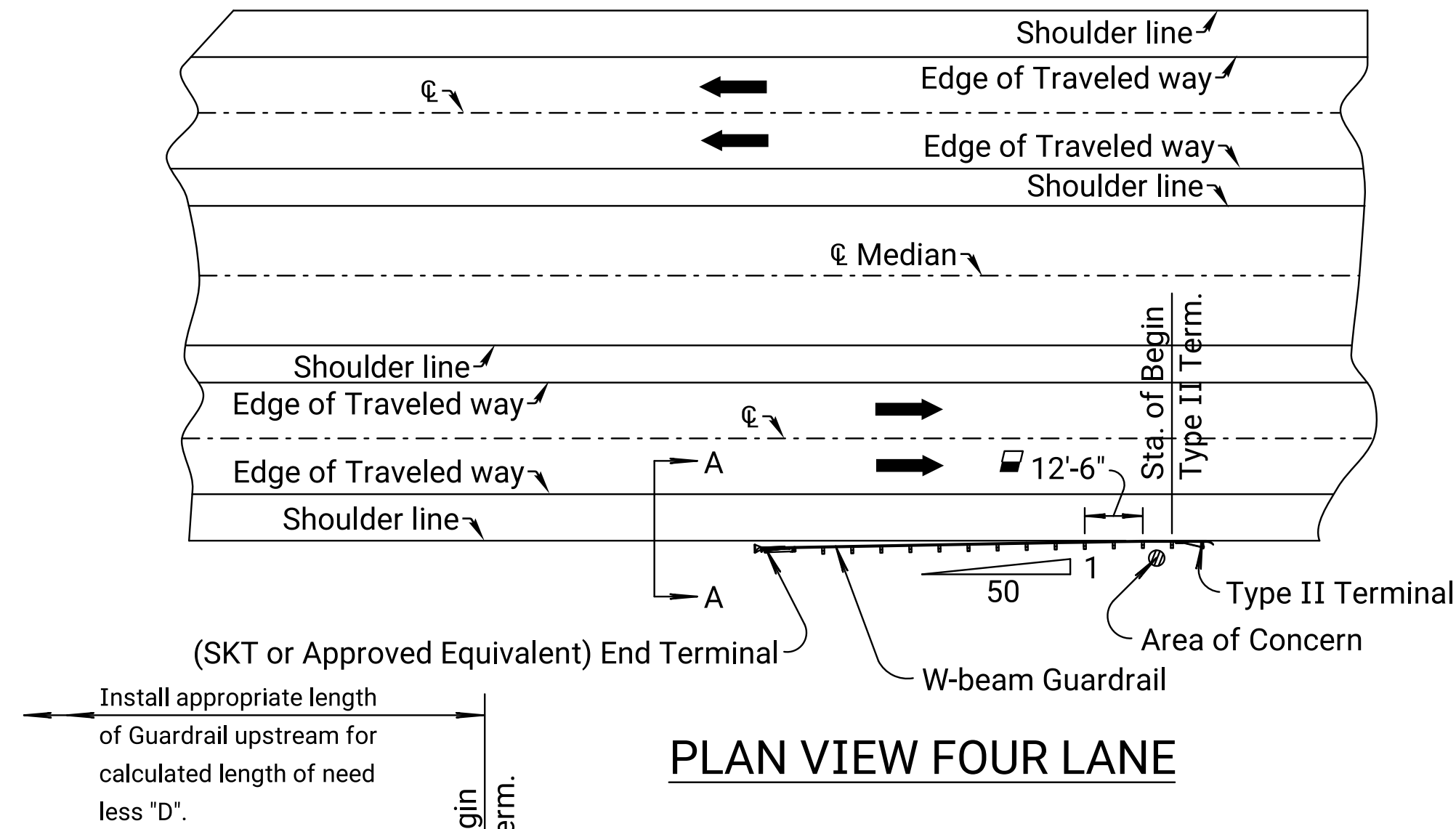
- ✱ Thrie Beam Transition. See Std. Drawing RD613 for details and general note.
- Radius= 625.08'
- ▲ Normal project side slope. See typical sections.
- ◆ See KDOT's 'Guardrail Auxiliary Details' Standard Drawing.
- ⌞ 4" Asphalt material placed on 4'-0" embankment widening unless flume inlet and slope drain is constructed.



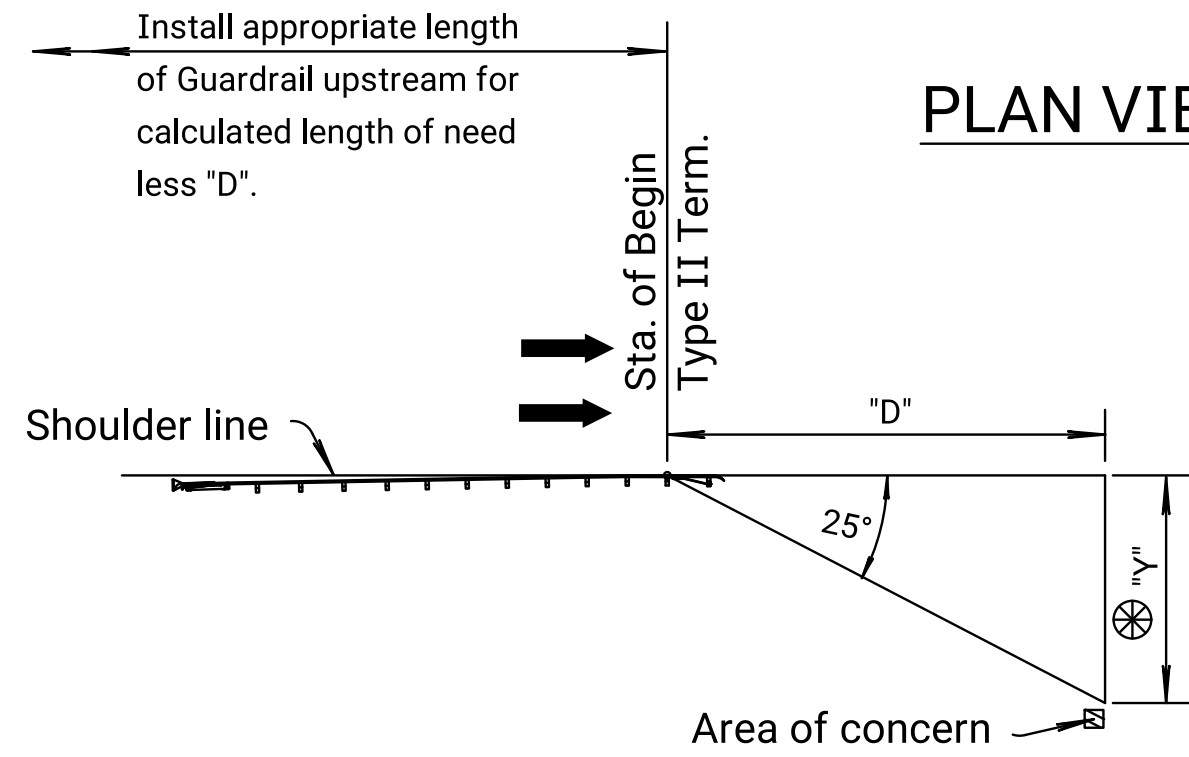
SECTION A-A



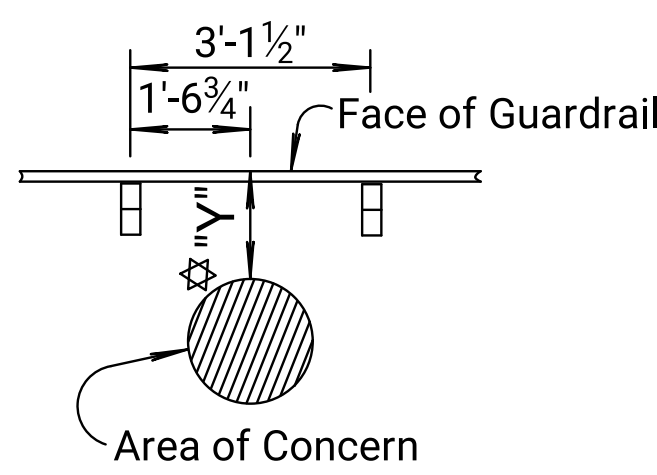
PLAN VIEW TWO LANE



PLAN VIEW FOUR LANE



DETAILS OF GUARDRAIL PROTECTION AT ROADSIDE OBSTACLE



ENLARGEMENT - AREA OF CONCERN

☆ Guardrail shall be nested and post spacing reduced to one half of normal spacing when "Y" is less than 5'. Rigid barrier shall be used when "Y" is less than 3'-3".

13	05-15-17	Removed X-LITE	A.L.R.	S.W.K.
12	07-02-09	Added Roadside obstacle details	S.W.K.	J.O.B.
11	01-10-07	Changed Bituminous to Asphalt	S.W.K.	J.O.B.
NO.	DATE	REVISIONS	BY	APPD
KANSAS DEPARTMENT OF TRANSPORTATION				
THRIE BEAM GUARDRAIL BRIDGE APPROACH TRANSITION TYPICAL ALIGNMENTS (PARALLEL)				
RD612				
FHWA APPROVAL		10-12-17	APPD.	Scott, W. King
DESIGNED	DETAILED	QUANTITIES	TRACED	
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK.	