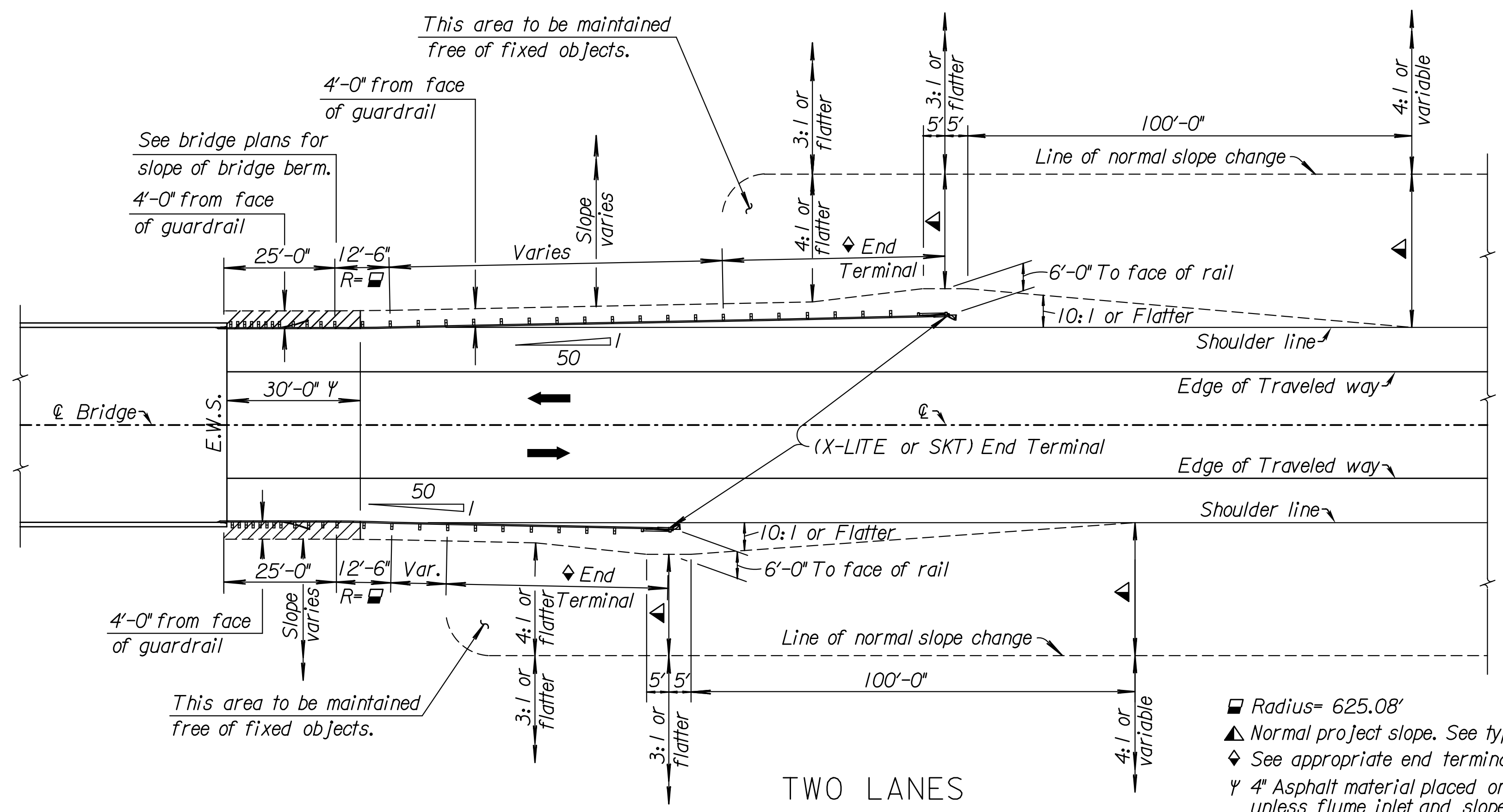
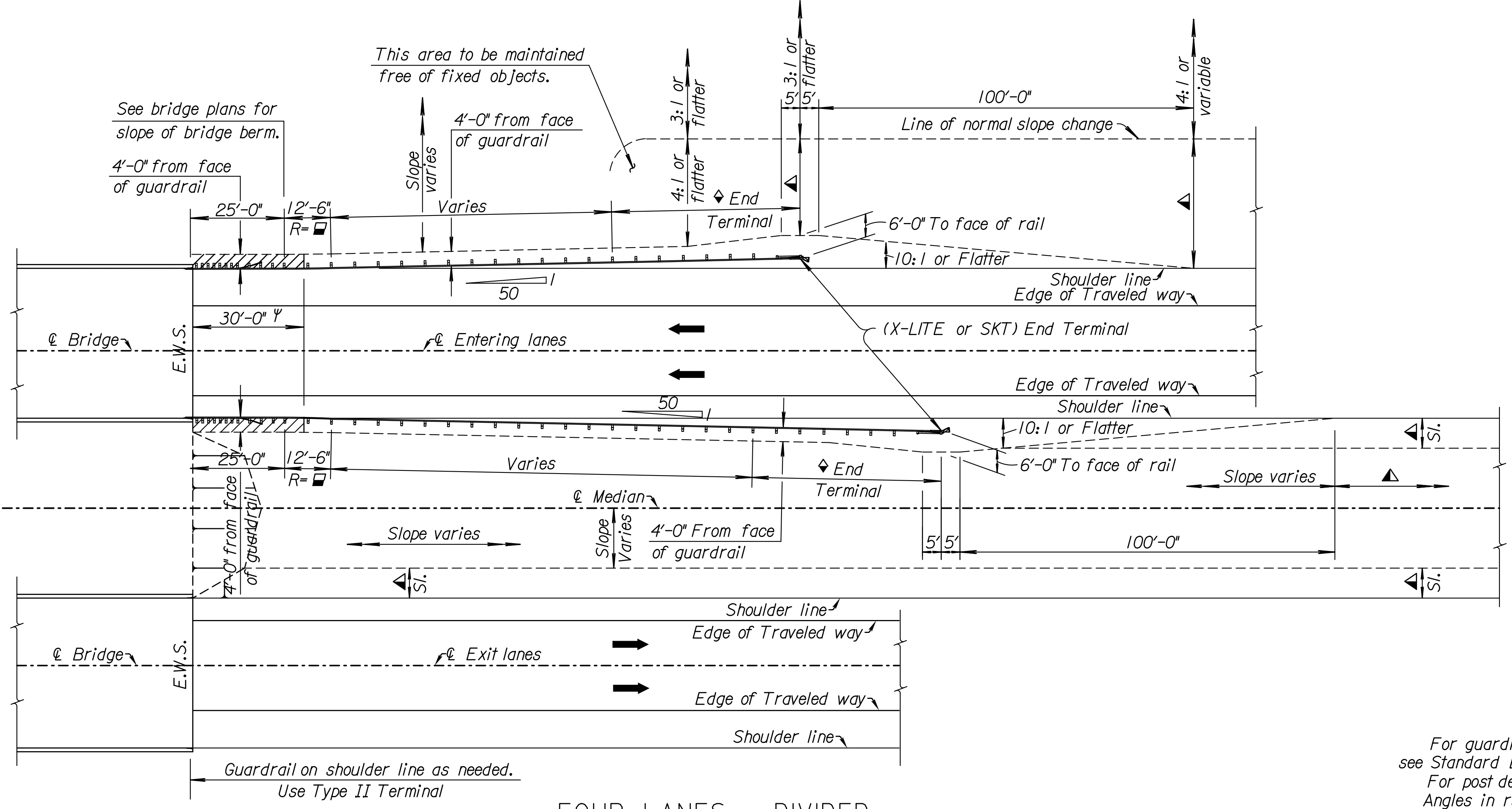


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS				

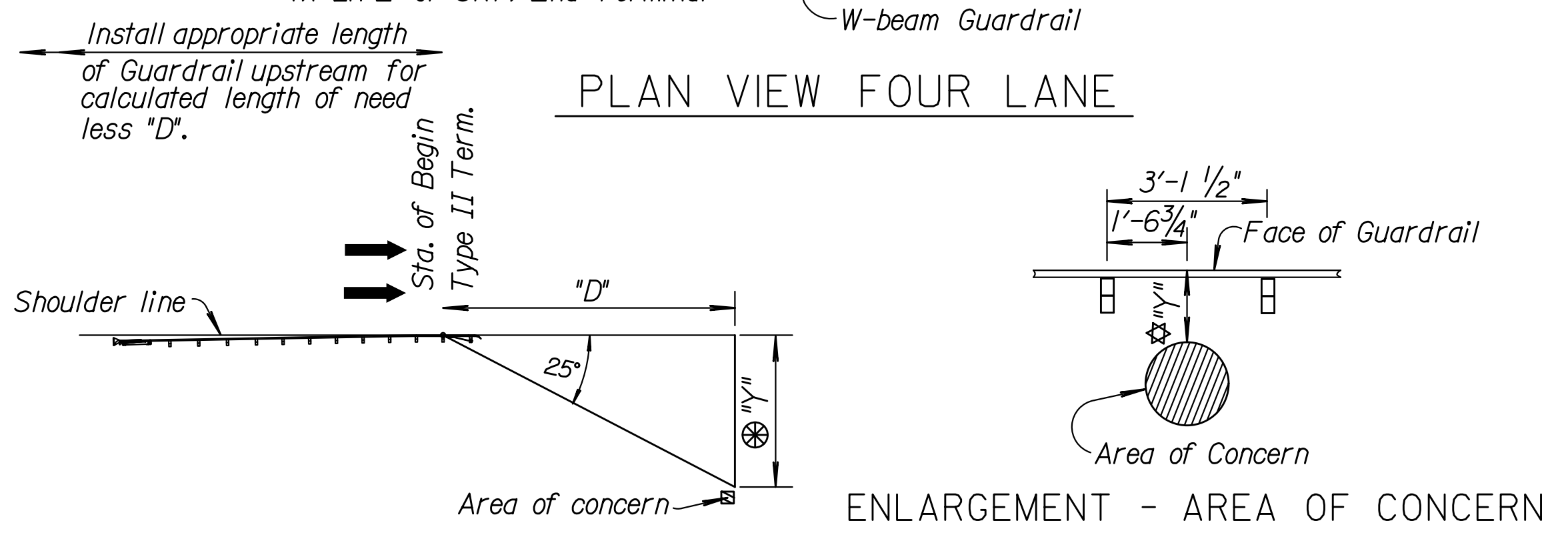
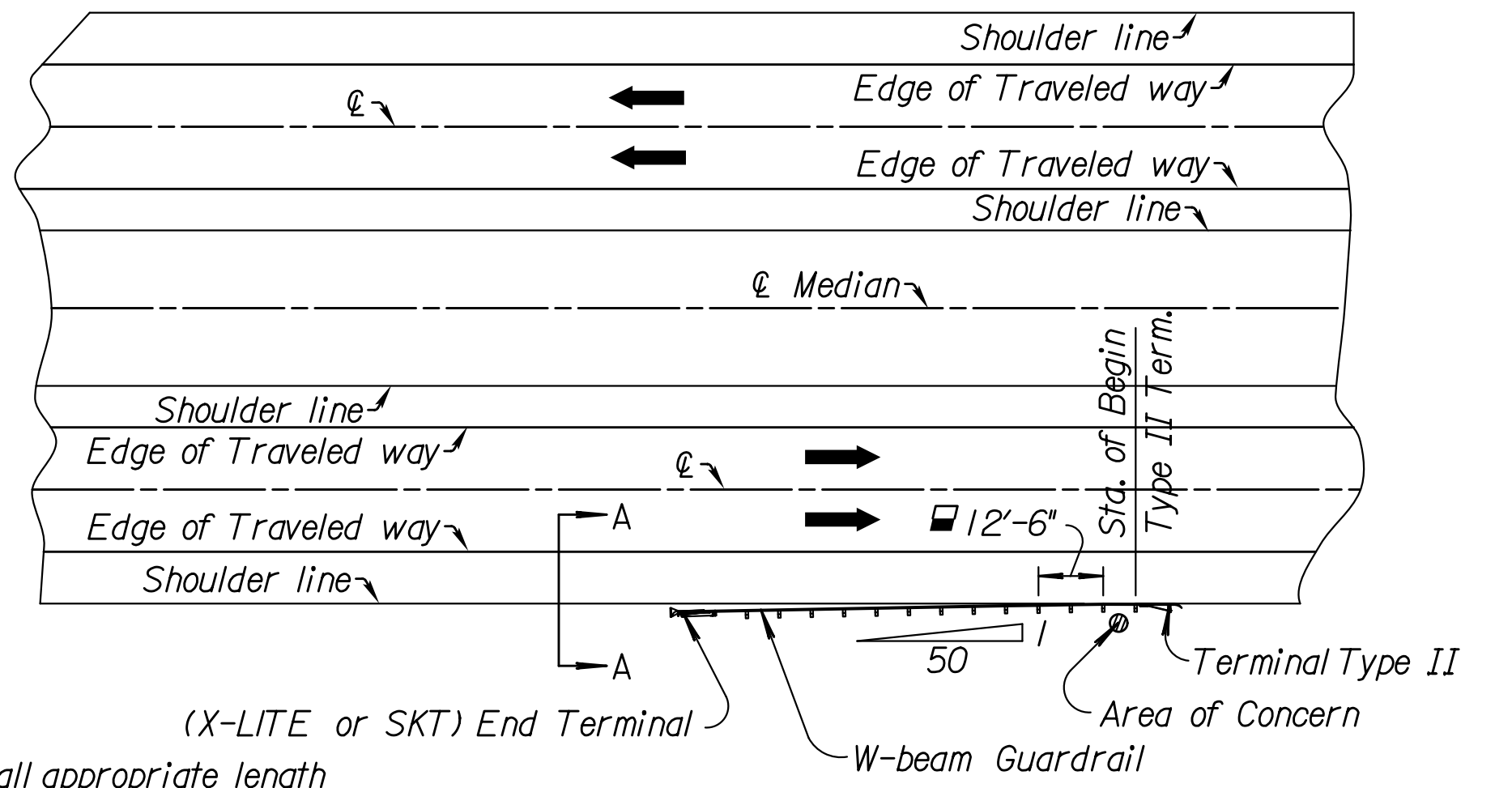
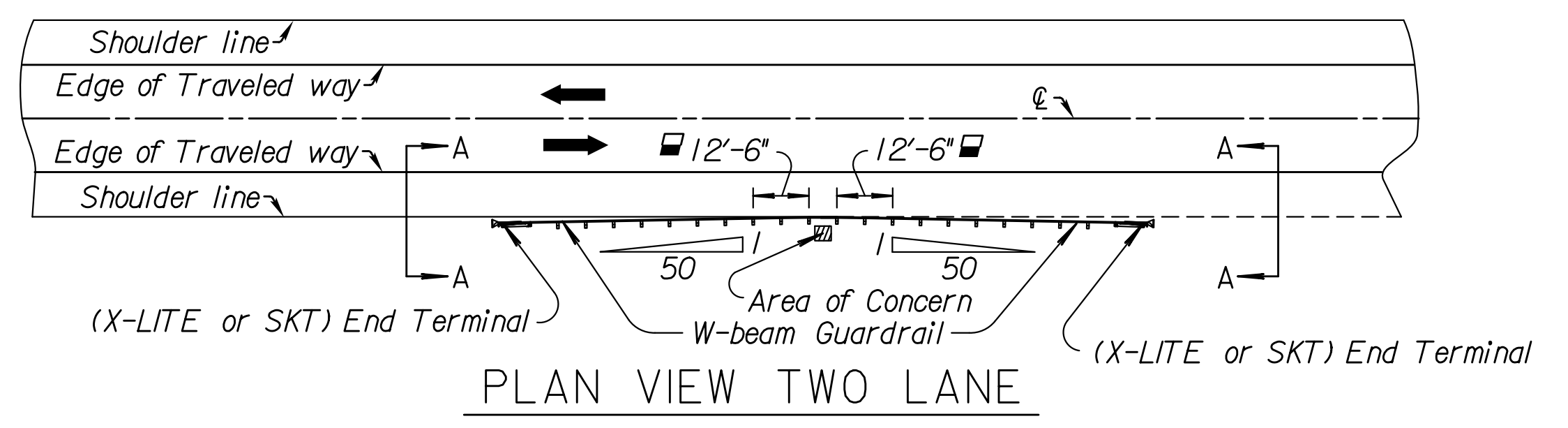
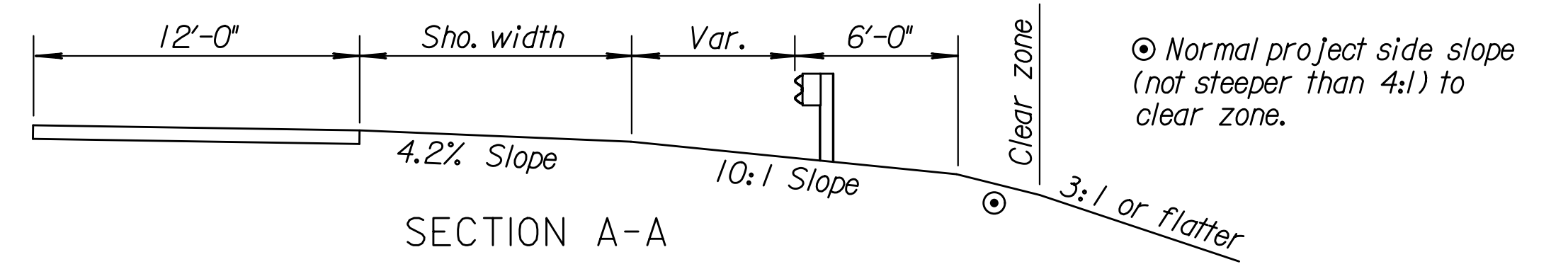
Notes to Designer: Guardrail length of need shall be in accordance with the Roadside Design Guide. L₁ for length of need calculation on typical alignment shown is 31.25'. Under certain conditions, the designer may elect to reduce the length of flare to include only the end terminal. This sheet shall be used when the parallel guardrail design (X-LITE/SKT) is selected. Material for asphalt guardrail widening shall be included in the plan quantities.



- Radius= 625.08'
- ▲ Normal project slope. See typical sections.
- ◆ See appropriate end terminal details.
- Ψ 4" Asphalt material placed on 4'-0" embankment widening unless flume inlet and slope drain is constructed.



FOUR LANES - DIVIDED



DETAILS OF GUARDRAIL PROTECTION AT ROADSIDE OBSTACLE

NO.	DATE	REVISIONS	BY	APP'D
13	7-2-09	Added Roadside obstacle details	S.W.K.	J.O.B.
12	1-10-07	Changed bituminous to asphalt	S.W.K.	J.O.B.
11	2-4-04	Revised end terminal, sheet layout	S.W.K.	J.O.B.
10	10-24-00	Revised Bituminous widening length	R.J.S.	J.O.B.

KANSAS DEPARTMENT OF TRANSPORTATION

**W-BEAM WITH RUBRAIL
BRIDGE APPROACH TRANSITION
TYPICAL ALIGNMENTS (PARALLEL)**

RD615

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

KDOT Graphics Certified 01-21-2015

GENERAL NOTES

For guardrail and rubrail sections, details, and general notes see Standard Drawing RD616.

For post details see Standard Drawing RD611.

Angles in rubrail may be formed by either shop bending or shop welding. See Standard Drawing RD616 for details of options.

Plotted: 21-JAN-2015 13:40
 Drawn By: trroads
 File: rd615.dgn