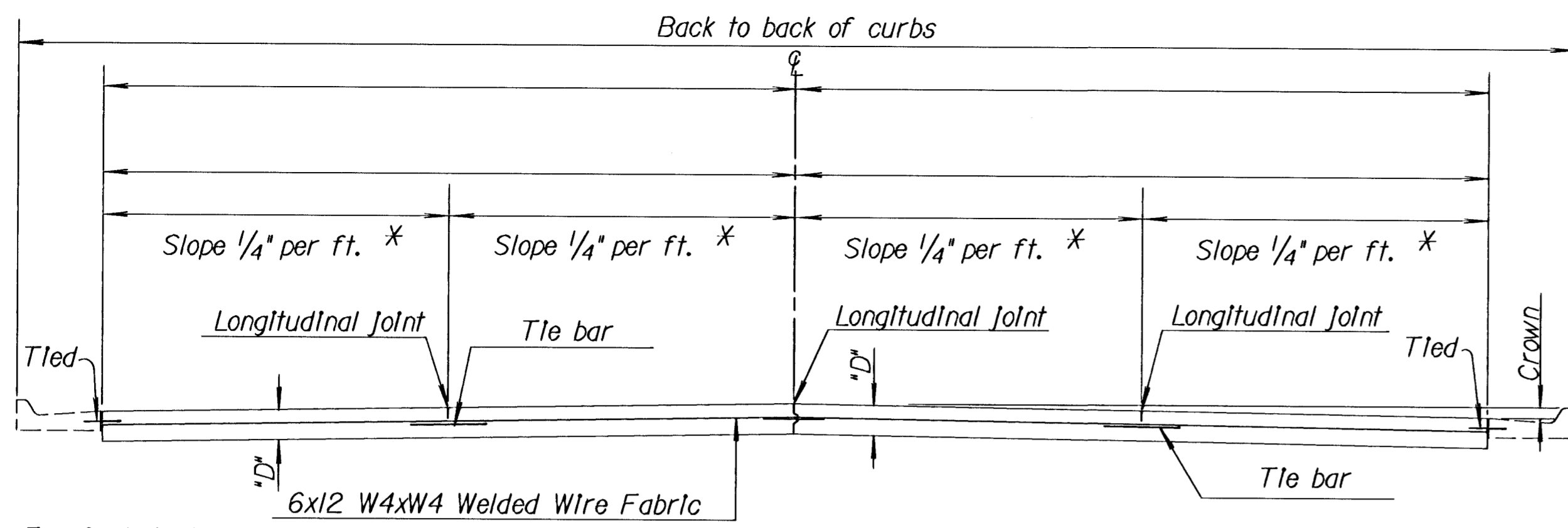
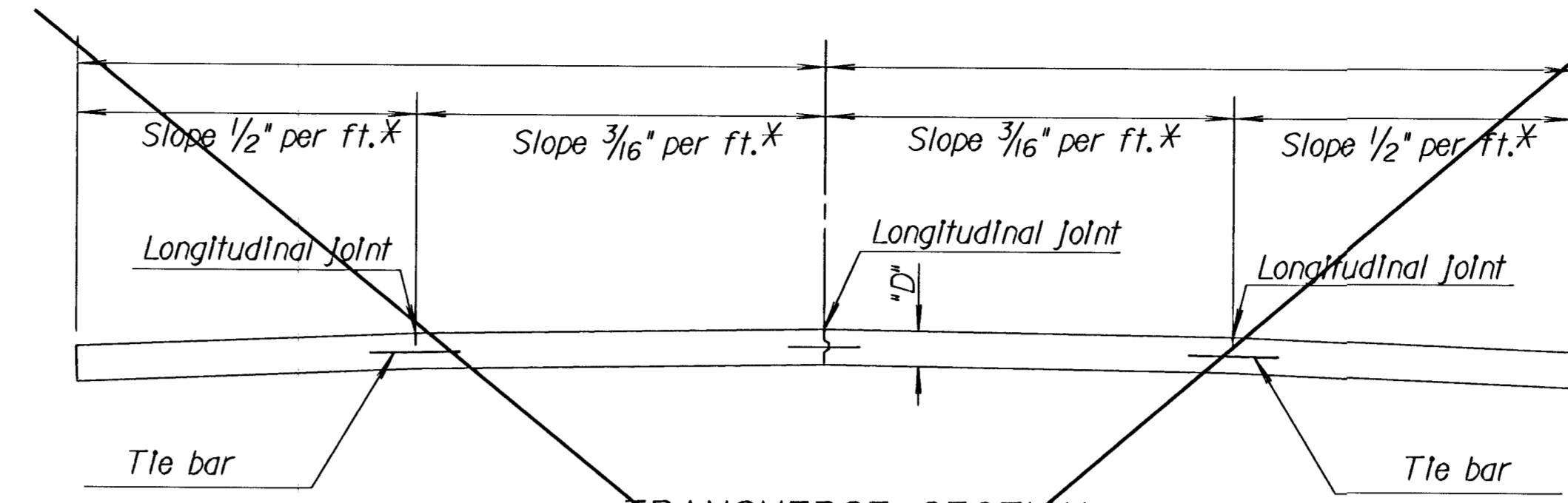


FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	472-82966	2001	31	87



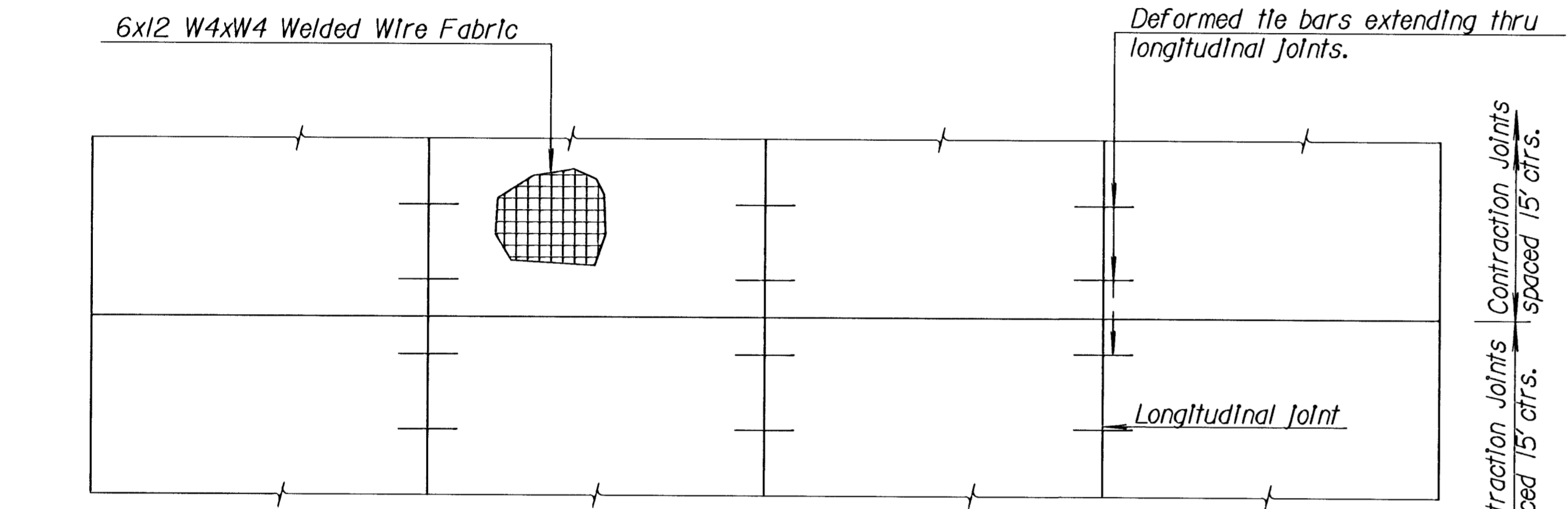
TRANSVERSE SECTION  
(4 - LANE WITH CURB & GUTTER)



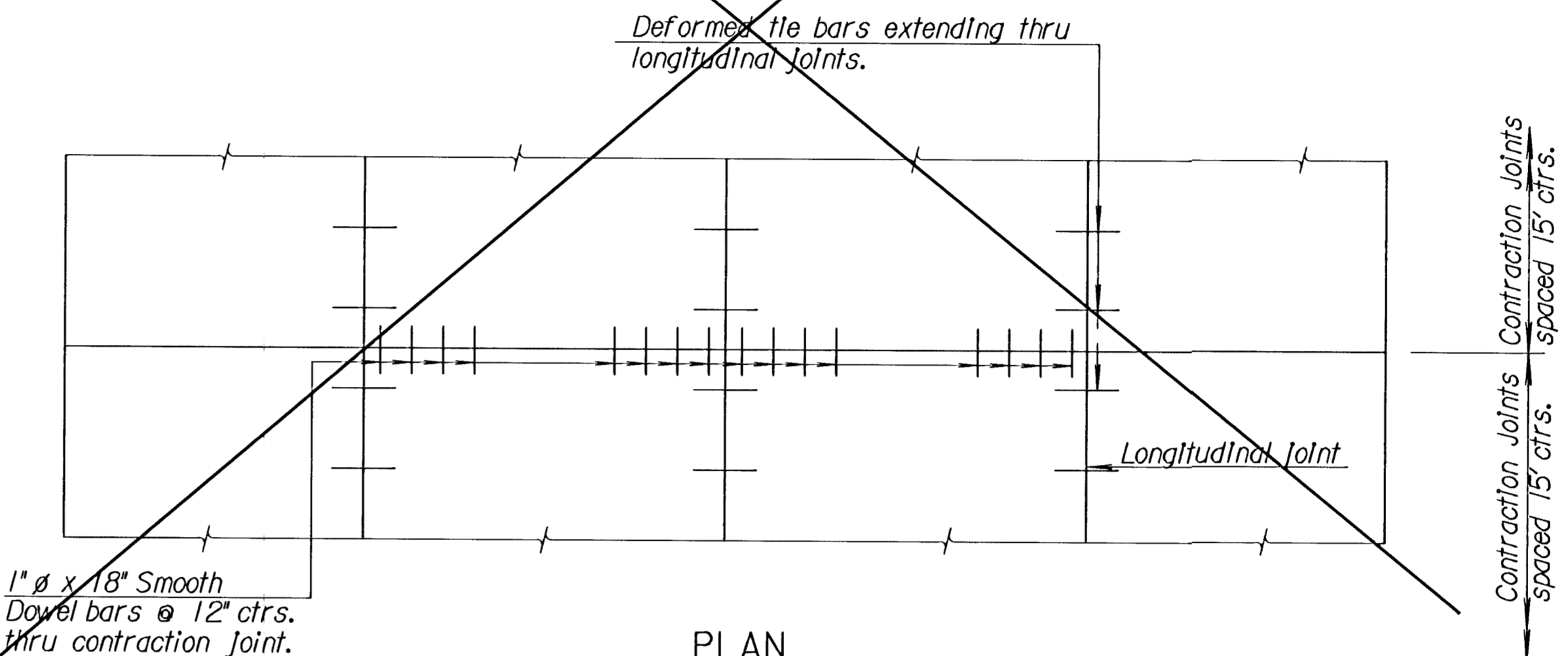
TRANSVERSE SECTION  
(2 - LANE WITH SHOULDERS)

**GENERAL NOTE**  
 All deformed tie bars shall be epoxy coated.  
 Deformed tie bars which require bending shall be billet steel reinforcing bars, Grade 40, and may be epoxy coated.  
 All longitudinal joints shall be tied.  
 All joints on this project shall be sawed and filled with sealant.  
 See specifications for type of sealant.  
 Shape of all keyed joints shall be similar to section of recessed form leg as shown on this sheet.

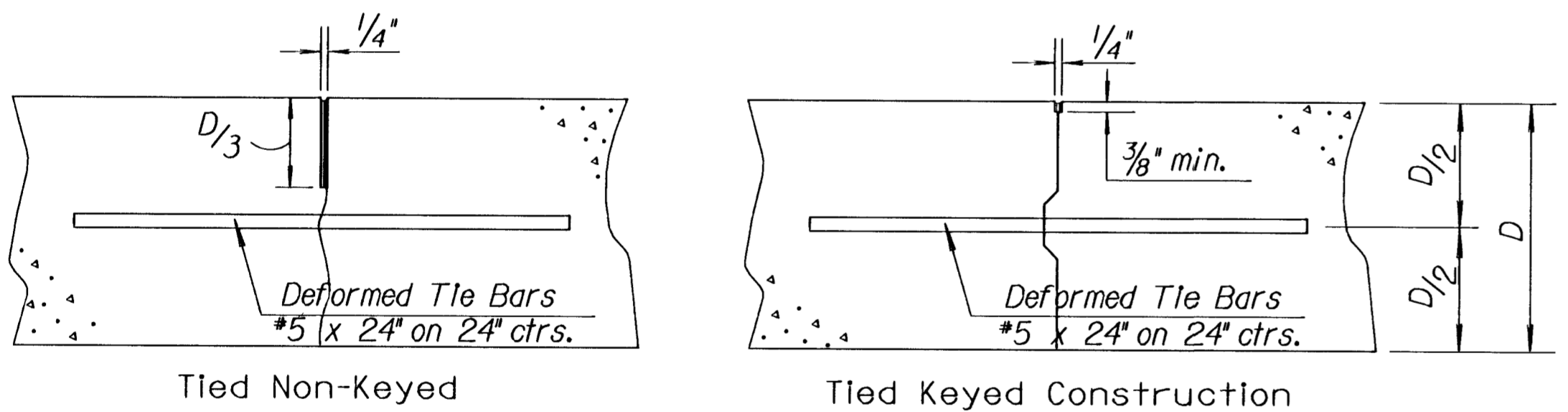
\* Normal cross slopes. See Typical Section or Cross Sections for variations.



PLAN  
(4 - LANE WITH CURB & GUTTER)

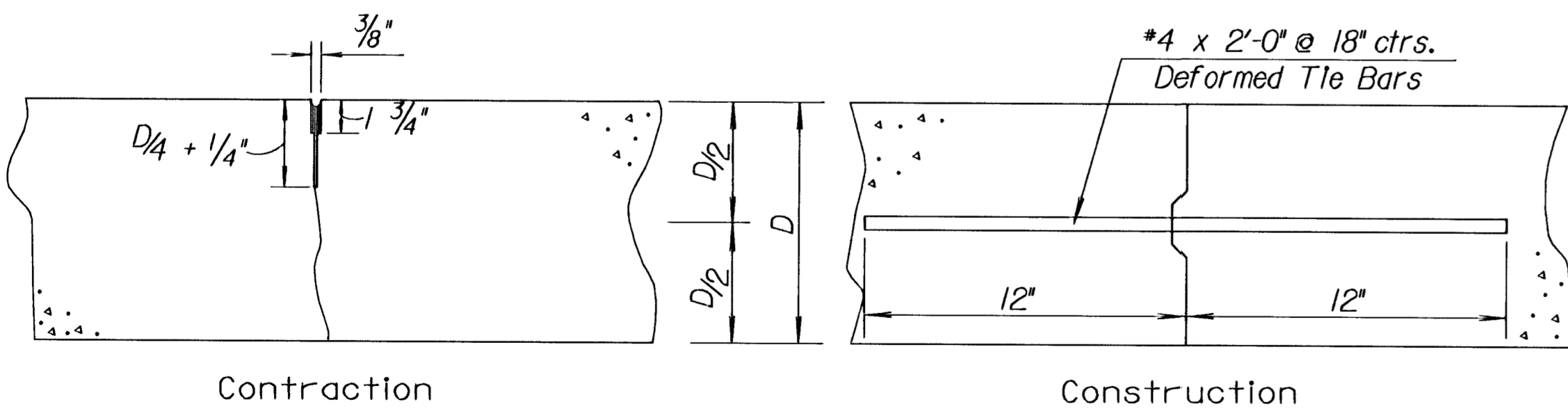


PLAN  
(2 - LANE WITH SHOULDERS)



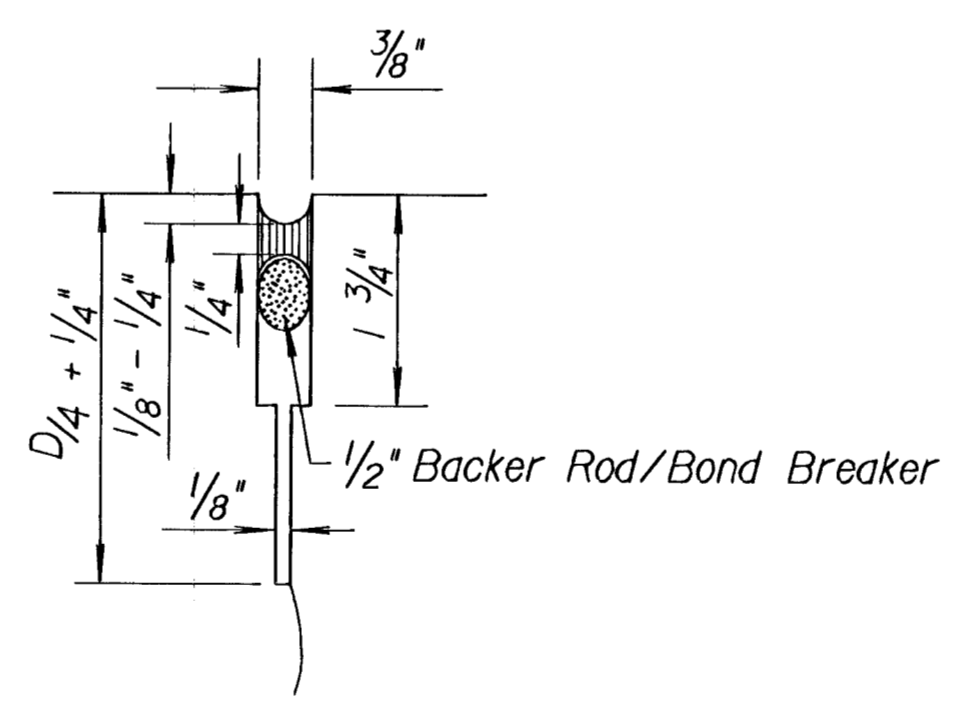
LONGITUDINAL JOINTS

Note: All sealant is 1/8" - 1/4" below surface and is a minimum of 1/4" thick. A backer rod may be used to limit the amount of sealant needed to fill reservoir.

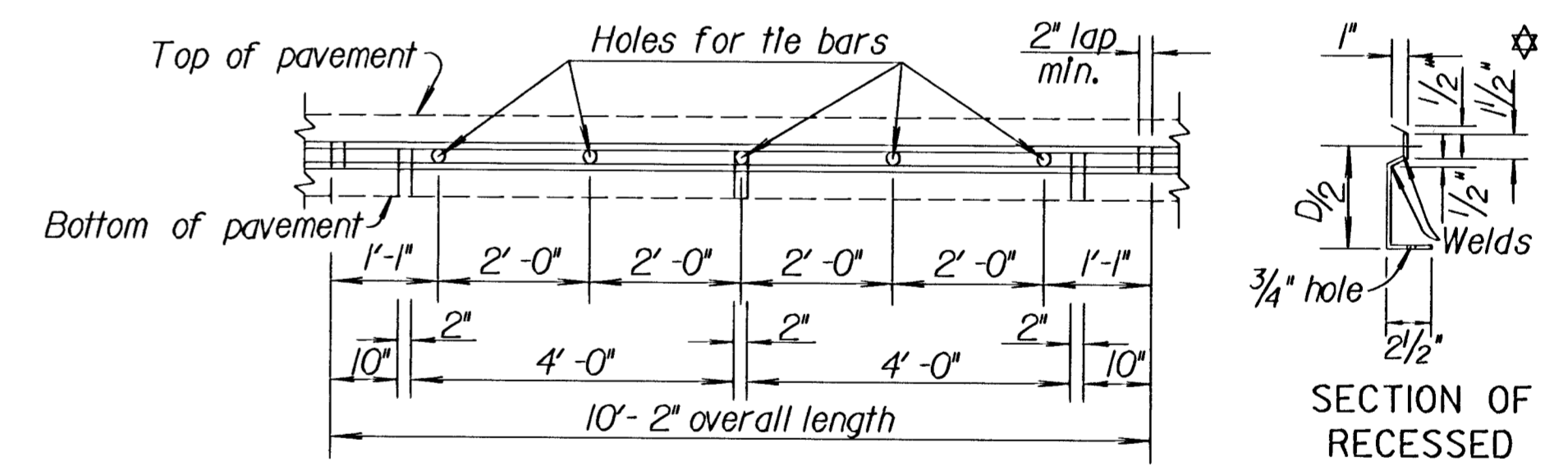


TRANSVERSE JOINTS

Note: Contraction Joints will be constructed at the planned location or as directed by the Engineer.  
 When necessary to interrupt continuous placement for a substantial length of time or at the end of a day's pour, the Contractor has the option of ending placement at a contraction joint or with a construction joint located a minimum of five (5) feet from a contraction joint. Either joint type may be constructed by placing a header at the end of the pour or by paving past the joint location, sawing the joint after the concrete has hardened, and drilling holes for the tie bars.



The 1/8" saw cut (D/4 + 1/4" depth) shall be done initially; the 3/8" saw cut shall be accomplished in a separate operation after concrete has gained sufficient strength to avoid spalling as determined by the Engineer.  
 At longitudinal construction joints where the adjacent slabs are at different elevations the depth of saw cut for the sealant reservoir should be measured from the top of the lower slab. This is to ensure that sufficient sealant is used in the joint.



METAL STRIP FOR LONGITUDINAL CONSTRUCTION JOINT

To be used only against forms. Shall not extend through contraction joints.  
 \* Snap-In leg or other approved designs may be used in lieu of welded leg.

NO.	DATE	REVISIONS	BY	APP'D
6	1-29-97	Revised Contraction Joint	RJS	JOB
5	9-26-96	Rev. Tied Non-Keyed Long. Jt. depth	RJS	JOB
4	9-20-95	Revised Metal Strip detail dimensions	RJS	JOB
3	7-20-94	Revised Joints, added table	RJS	JOB

KANSAS DEPARTMENT OF TRANSPORTATION

## CONCRETE PAVEMENT REINFORCED

**RD708**

FHWA APPROVAL	2-18-97	APP'D	James O. Brewer
DESIGNED	DETAILED	QUANTITIES	TRACED
DESIGN CR.	DETAIL CR.	QUAN. CK.	TRACE CR.

Note: Designer shall add applicable dowel sizes.

Drawn By: MKEC  
 File: 472-82966-02-Detail-SAD708.dgn  
 Plotted: 10/24/2001