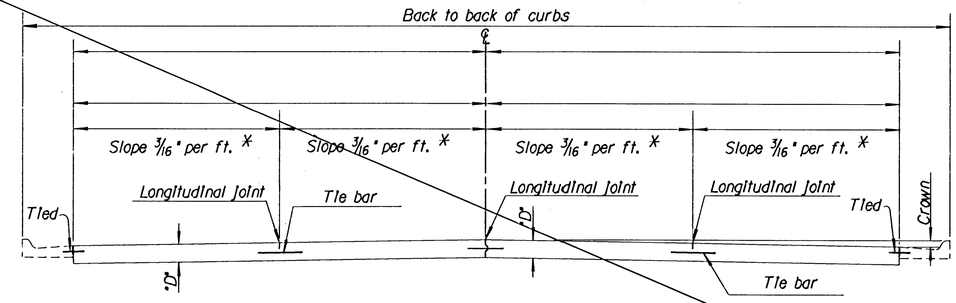
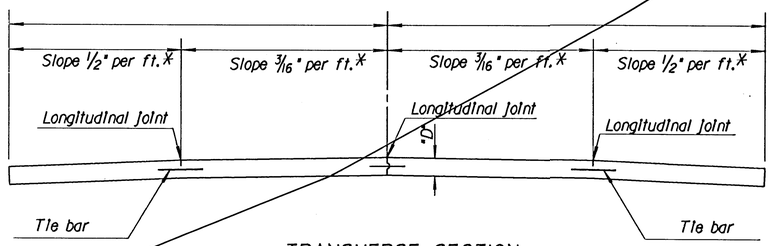
FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87-N-0033-01	1995	9	34



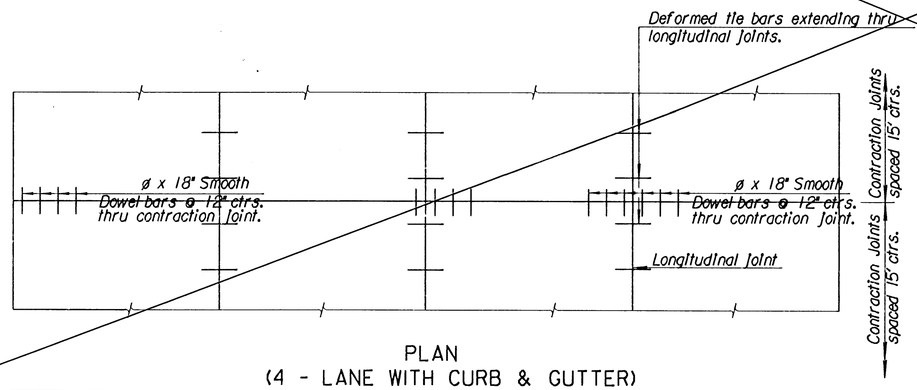
For Curb & Gutter details
See Std. Sh. No. 635.1

TRANSVERSE SECTION
(4 - LANE WITH CURB & GUTTER)

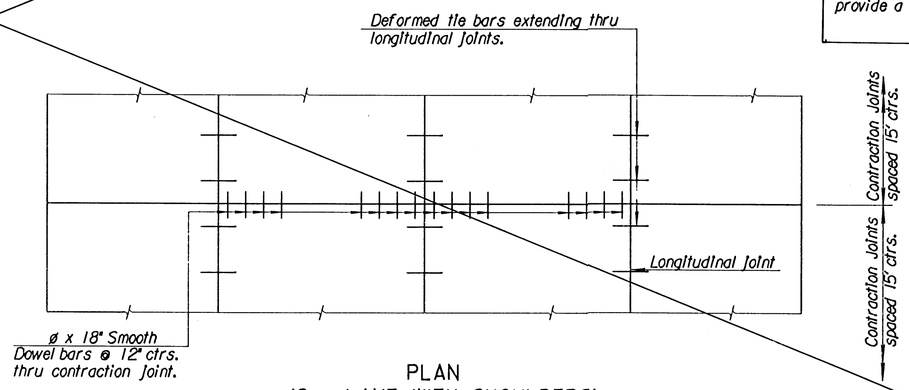


TRANSVERSE SECTION
(2 - LANE WITH SHOULDERS)

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



PLAN
(4 - LANE WITH CURB & GUTTER)



PLAN
(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.

Pressure relief joints (without load transfer devices) shall be placed at the end of the bridge approach pavement slab. For details of pressure relief joint, see Concrete Bridge Approach Standard.

Unless otherwise noted, load transfer devices as shown in detail shall be used at all contraction joints on mainline pavement. No dowels will be on shoulder contraction joints.

All joints on this project shall be sawed and filled with sealant. See special provision for type of sealant.

Shape of all keyed joints shall be similar to section of recessed form leg as shown on this sheet.

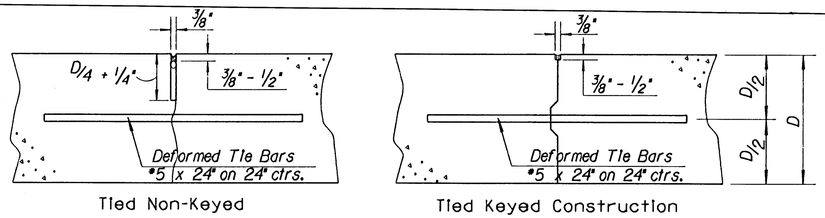
See Std. 722.1 for concrete shoulder details and corrugation details.

All longitudinal joints shall be tied.

At each planned transverse joint location, a 4 to 6 inch wide strip of the pavement surface shall be protected from the texturing operation to provide a transverse textureless surface centered over the joint sawcut.

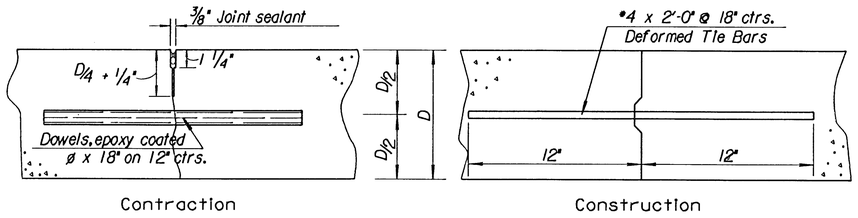
PAVEMENT DEPTH

D= 8"



LONGITUDINAL JOINTS

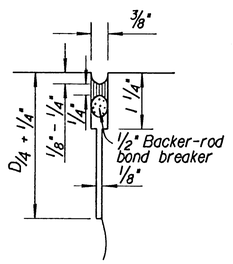
Note: All sealant is 1/8"-1/4" below surface and is 1/4" thick.



Note: Contraction joints will be constructed at the planned location or as directed by the Engineer.

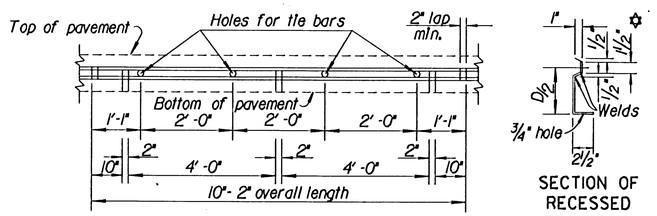
When necessary to interrupt continuous placement for a substantial length of time or at the end of a day's pour, the Contractor has the option of ending placement at a contraction joint or with a construction joint located a minimum of five (5) feet from a contraction joint. Either joint type may be 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 or dowels.

TRANSVERSE JOINTS



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 the contractors option this detail may be used for the Tied Non-Keyed Joint.

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

SECTION OF RECESSED FORM LEG

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.

Note: Designer shall add applicable dowel sizes.

NO.	DATE	REVISIONS	BY	APP'D
4				
3				
2	12-22-92	Added long. const. jt. sealant note	RJS	JOB
1	2-24-92	Protect joint from texturing.	RJS	JOB

KANSAS DEPARTMENT OF TRANSPORTATION

CONCRETE PAVEMENT DOWEL JOINTED NON-REINFORCED

STD. NO. 708

FHWA APPROVAL	1-20-93	APP'D James O. Brewer	
DESIGNED	DETAILED	QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.	QUAN.CK.	TRACE CK.