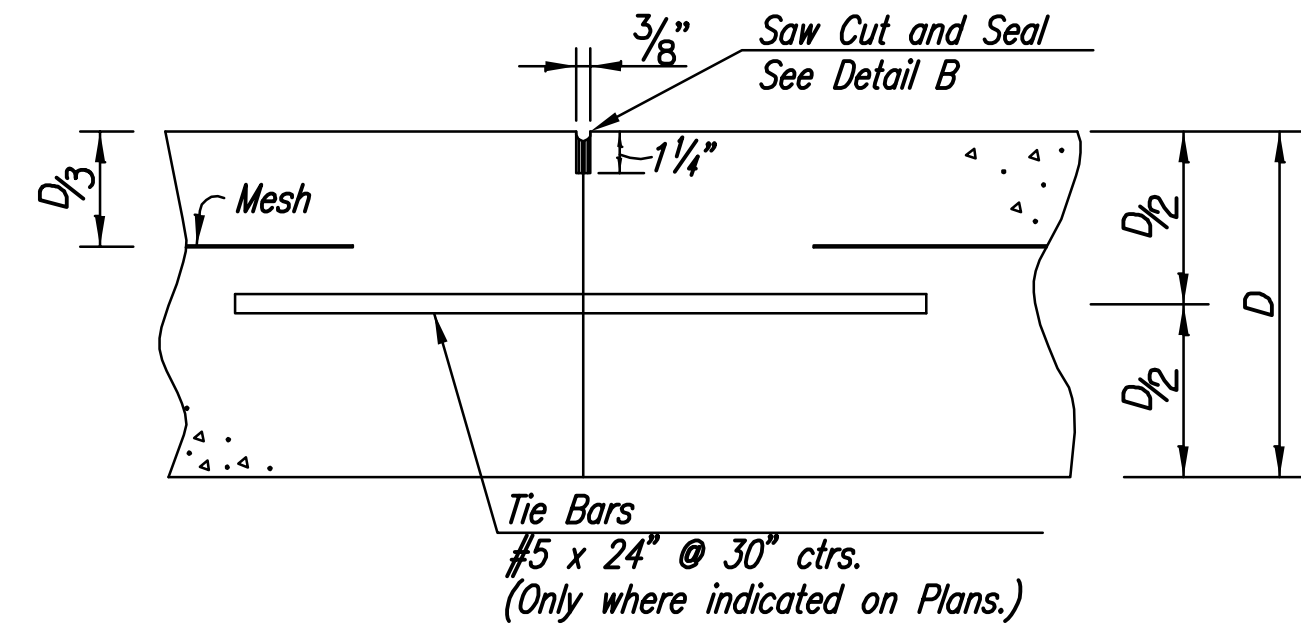
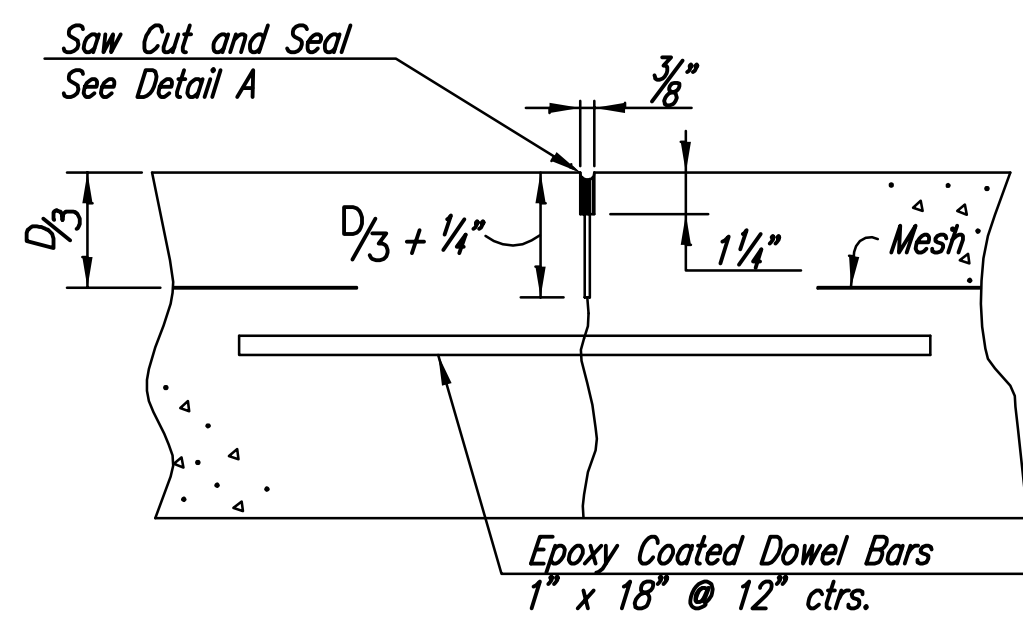


Contraction **LONGITUDINAL JOINT DETAILS (L.J.)**

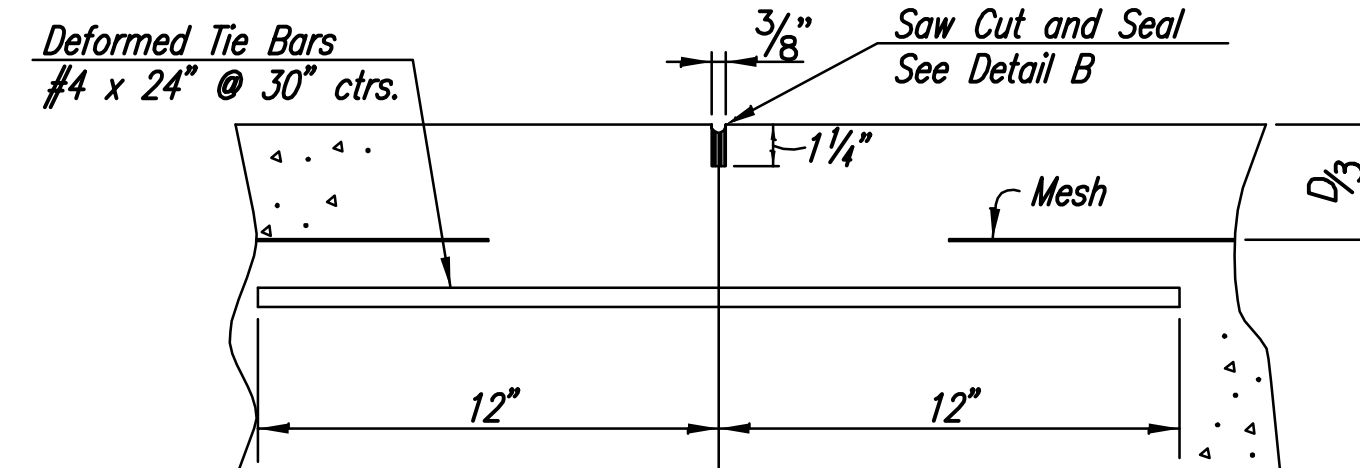


Construction

Note: Contraction joints will be constructed at the planned location or as directed by the Engineer. No transverse construction joint shall be placed within ten (10) feet of a contraction joint.

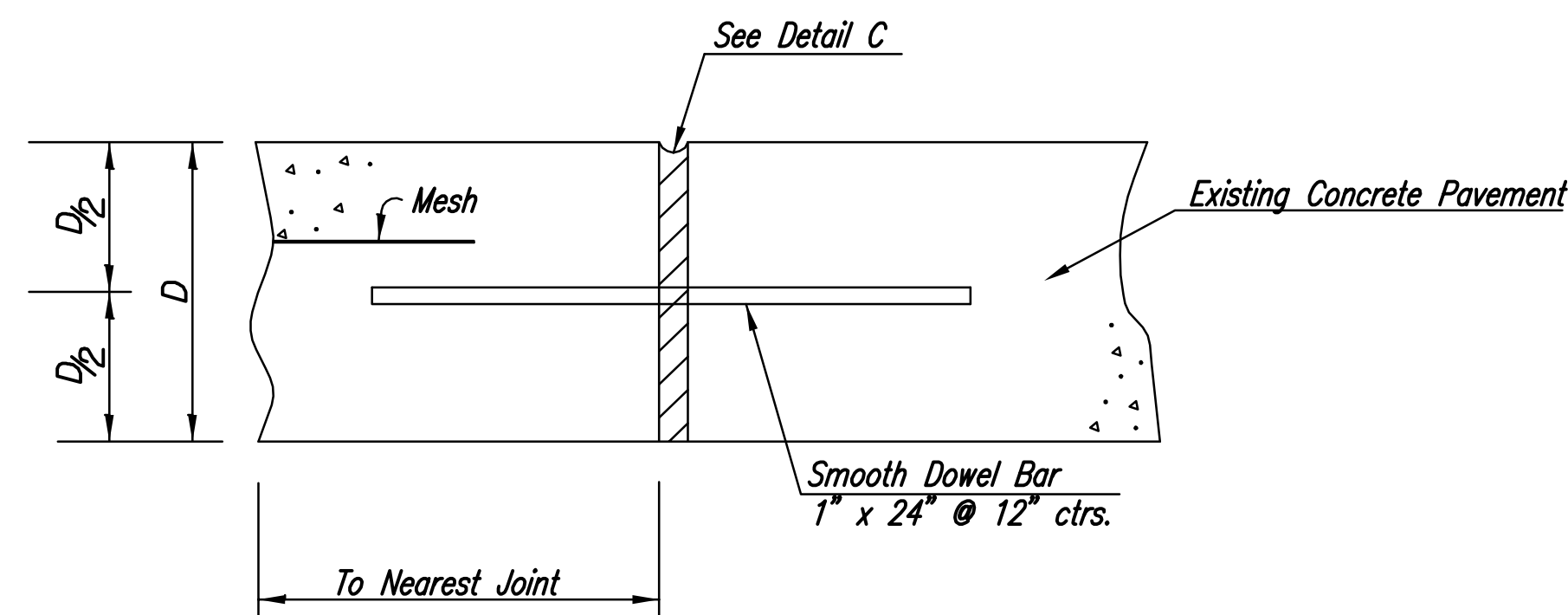


Contraction **TRANSVERSE JOINT DETAILS (T.J.)**

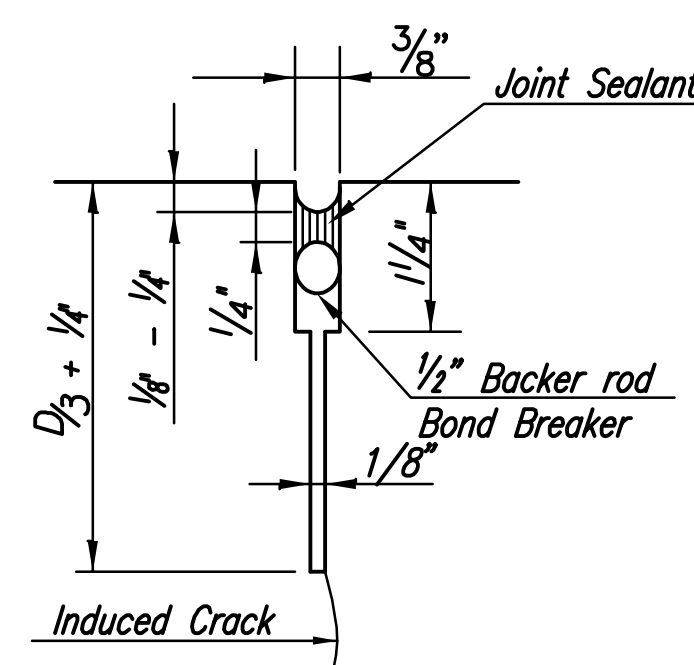


Construction

Note: A construction joint is required when the concrete placement has been interrupted for a substantial length of time or at the end of a days placement.



Abutting Existing Pavement

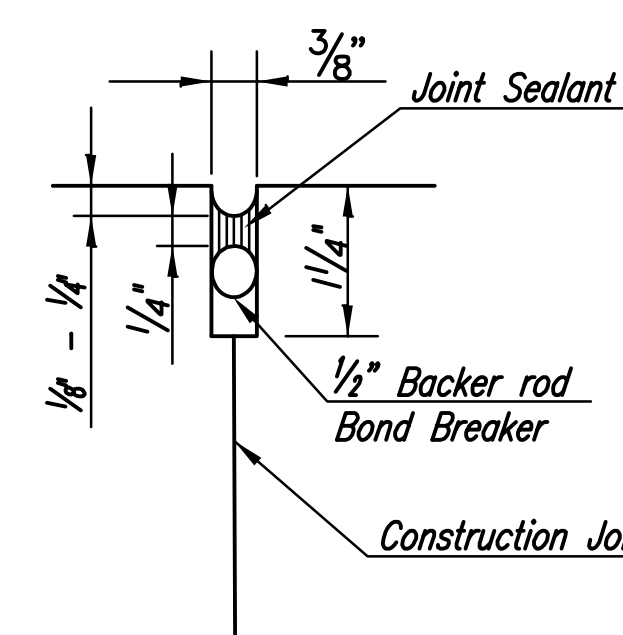


DETAIL A

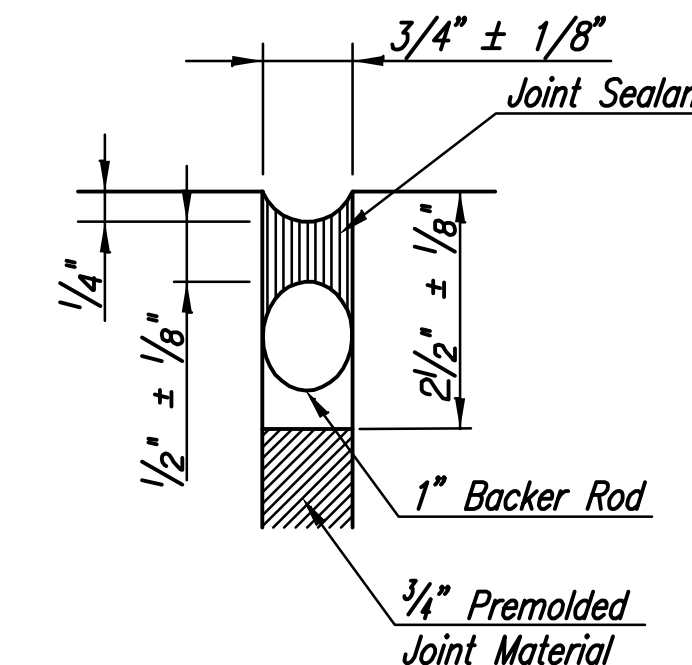
The 1/8 inch saw cut (D/3 + 1/4 inch depth) shall be done initially; the 3/8 inch saw cut shall be accomplished in a separate operation after concrete has attained sufficient strength to avoid spalling as determined by the Engineer.

Note: All sealant shall be 1/8 inch - 1/4 inch below surface and a minimum 1/4 inch thick.

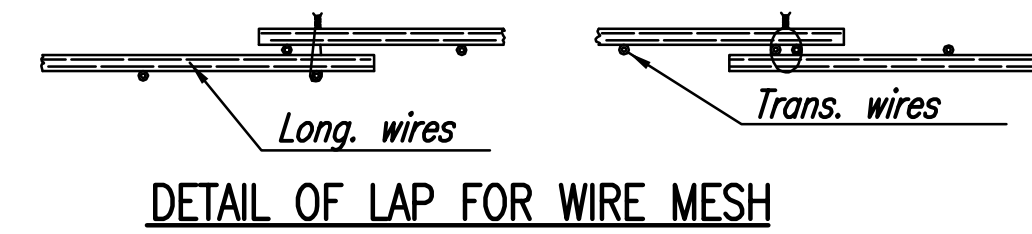
Joints shall be sealed with Hot Joint Sealing Compound conforming to the requirements of Subsection 1501 of standard specifications for State Road and Bridge Construction, Kansas Department of Transportation, 2007 Edition.



DETAIL B



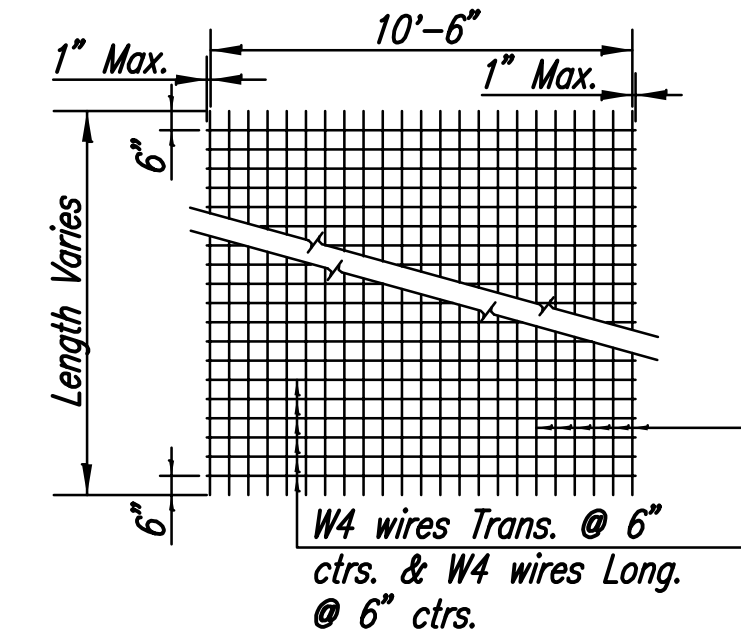
DETAIL C



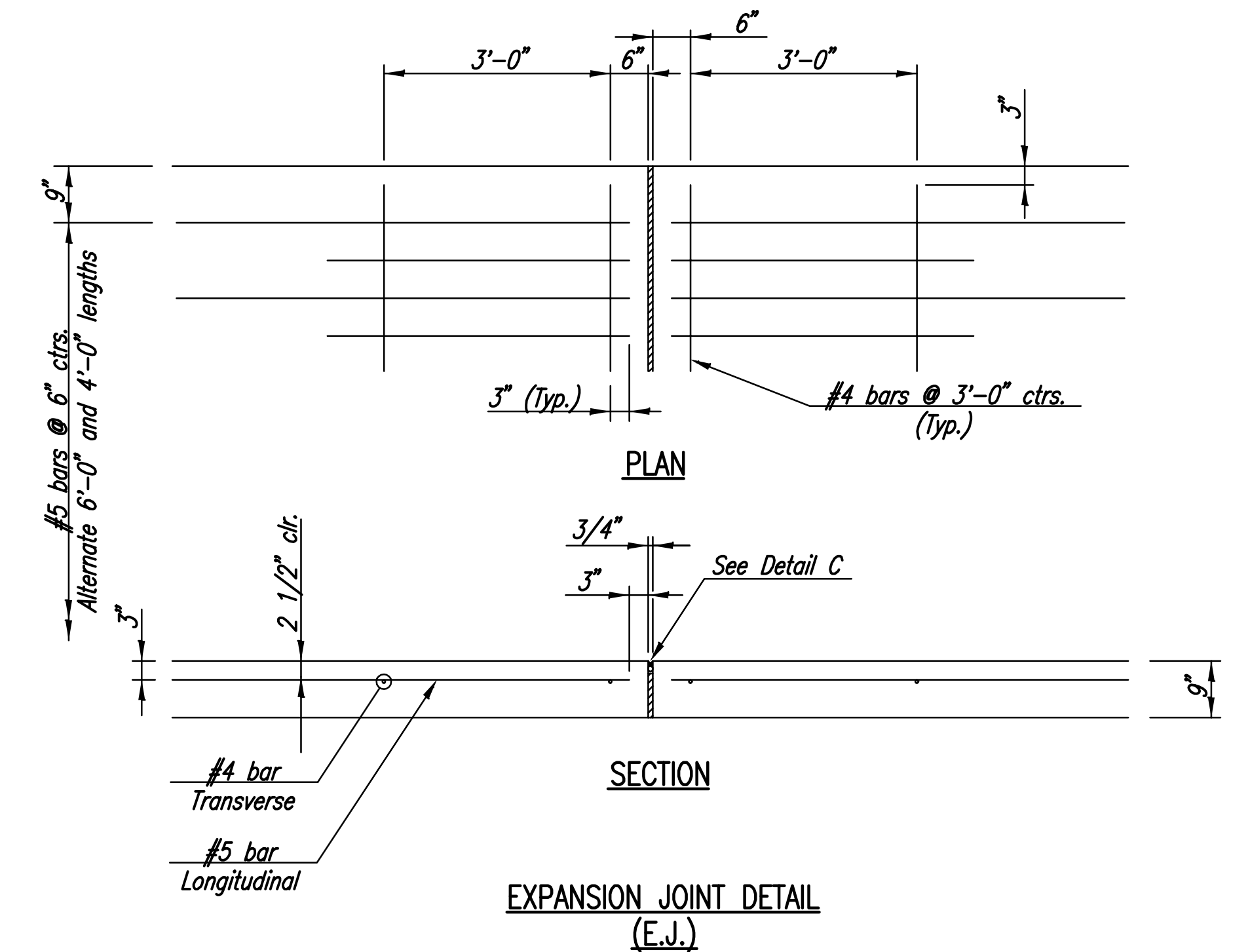
DETAIL OF LAP FOR WIRE MESH

The lap shall extend beyond the first transverse or longitudinal wire of each sheet. The sheet shall be wired securely at the edges and at intervals not to exceed 2'-6" for the full width of the sheet. Approximate weight of wire mesh = 58 lbs. per 100 sq. ft. Other methods for fastening the sheets of wire mesh at the laps may be used with the approval of the Engineer.

Wire mesh shall be discontinued 6" from joint.



TYPICAL SHEET OF WELDED WIRE MESH (Not to Scale) (11'-6" Lane Width Shown, Joints Widths Vary, See Plan)

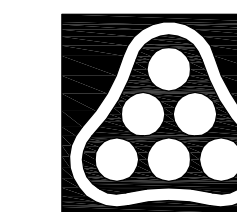


EXPANSION JOINT DETAIL (E.J.)

GENERAL NOTES

Deformed tie bars which require bending shall be billet steel reinforcing bars, Grade 40 and may or may not be epoxy coated. Unless otherwise noted, load transfer devices as shown in detail shall be used at all contraction joints. Unless otherwise noted, all joints shall have either dowels or tie bars. All joints on this project shall be sawed and filled with sealant. Shape of all keyed joints shall be similar to the section of recessed form leg as shown on this sheet.

This sheet was adapted from KDOT Standard Sheet RD707.



No.	Revision	By	Date
HEARTLAND PREPAREDNESS CENTER PAVING AND DRAINAGE IMPROVEMENTS CONCRETE PAVEMENT JOINT DETAILS JAMES L. ARMOUR, P.E. - CITY ENGINEER CITY OF WICHITA PROJ. NO. 472-84898 Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	BMM	Job No.	35-09307
Drawn by	BJS	Date	December 2009
			Sheet 18 of 59