

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	435379	2010	8	19

GENERAL NOTE

All deformed tie bars and smooth dowel bars shall be epoxy coated. Deformed tie bars which require bending shall be billet steel reinforcing bars, Grade 40.

Tie bars shall be placed parallel to the pavement surface with a tolerance of one half inch in 18 inches in the vertical direction. Care should be taken to assure that tie bars are placed approximately perpendicular to the joint in the horizontal plane.

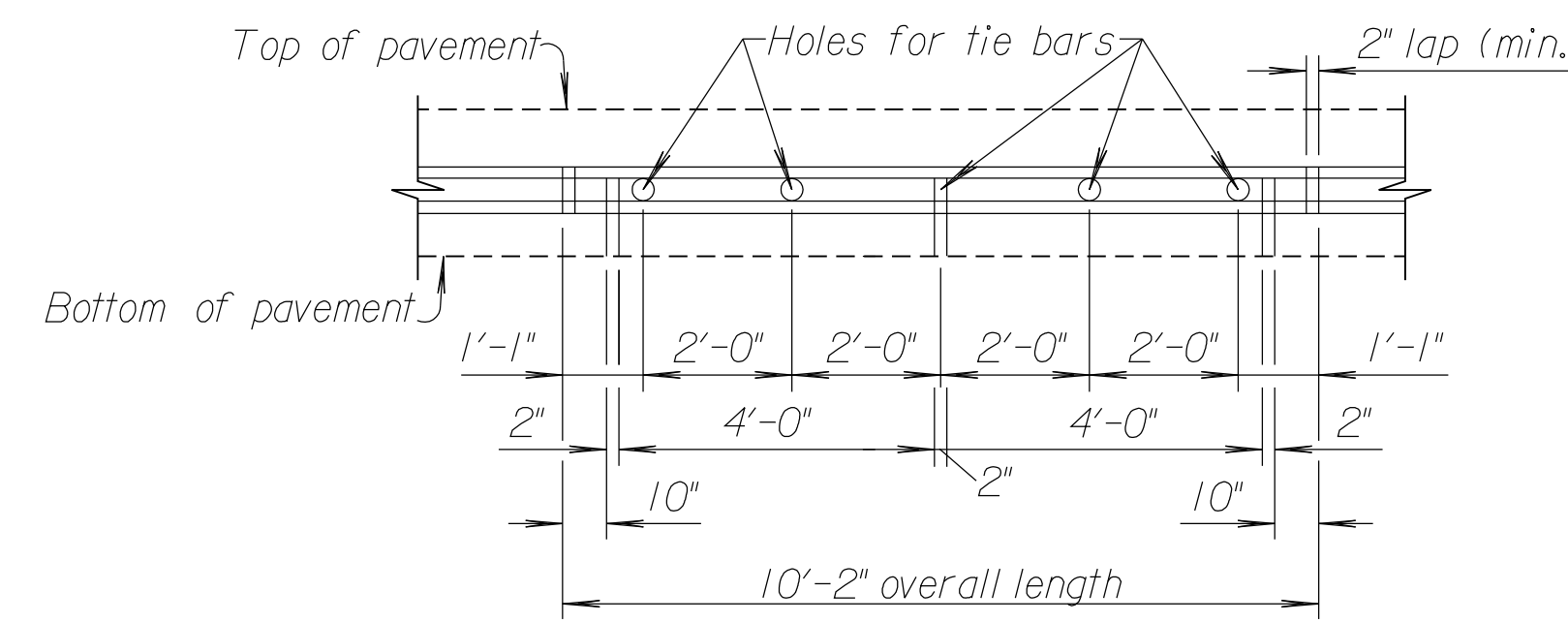
Unless otherwise noted, load transfer devices as shown in detail shall be used at all contraction joints.

Unless otherwise noted, all joints shall have either dowels or tie bars.

All joints on this project shall be saw filled with sealant.

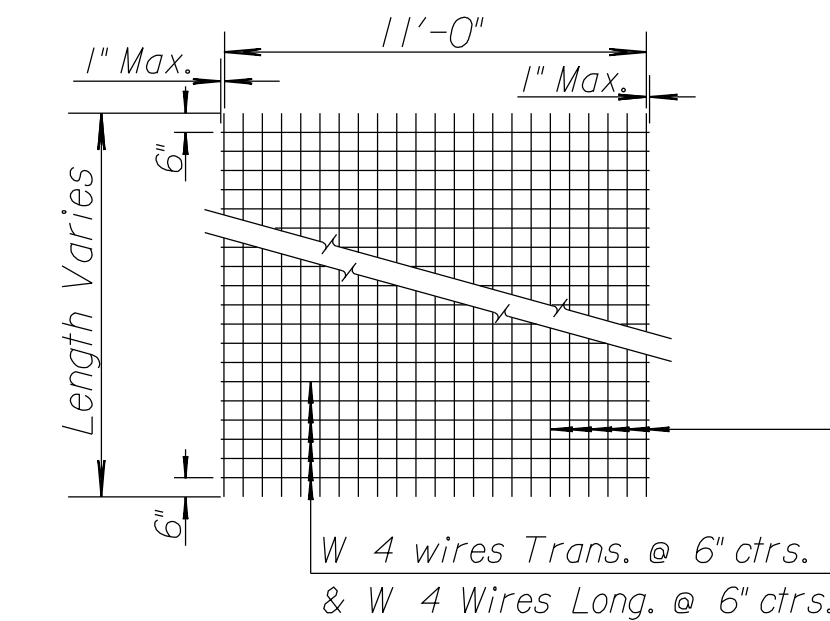
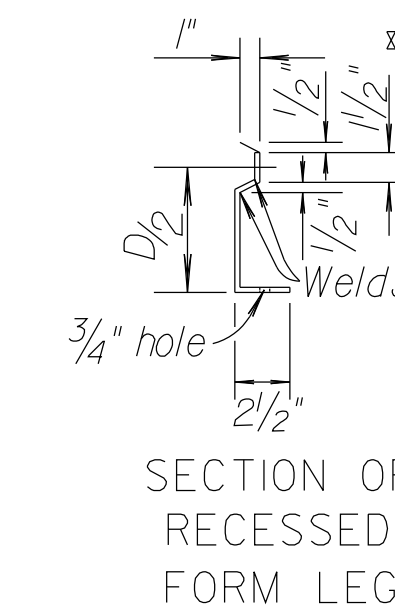
Shape of all keyed joints shall be similar to the section of recessed form leg as shown on this sheet.

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



METAL STRIP FOR LONGITUDINAL CONSTRUCTION JOINT

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



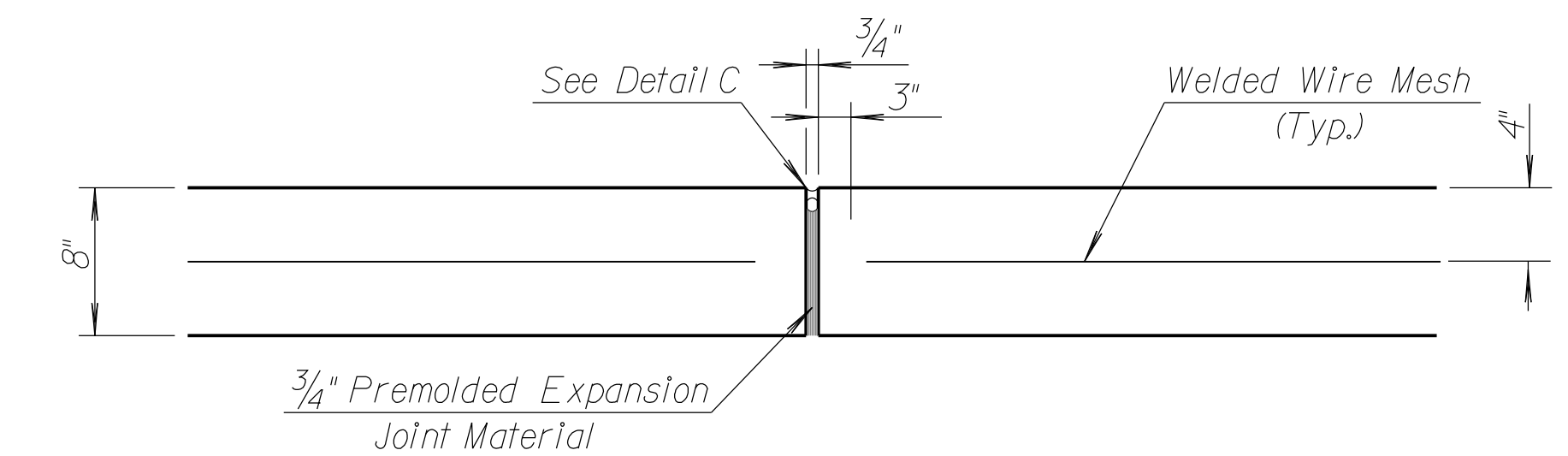
TYPICAL SHEET OF WELDED WIRE MESH (NOT TO SCALE)



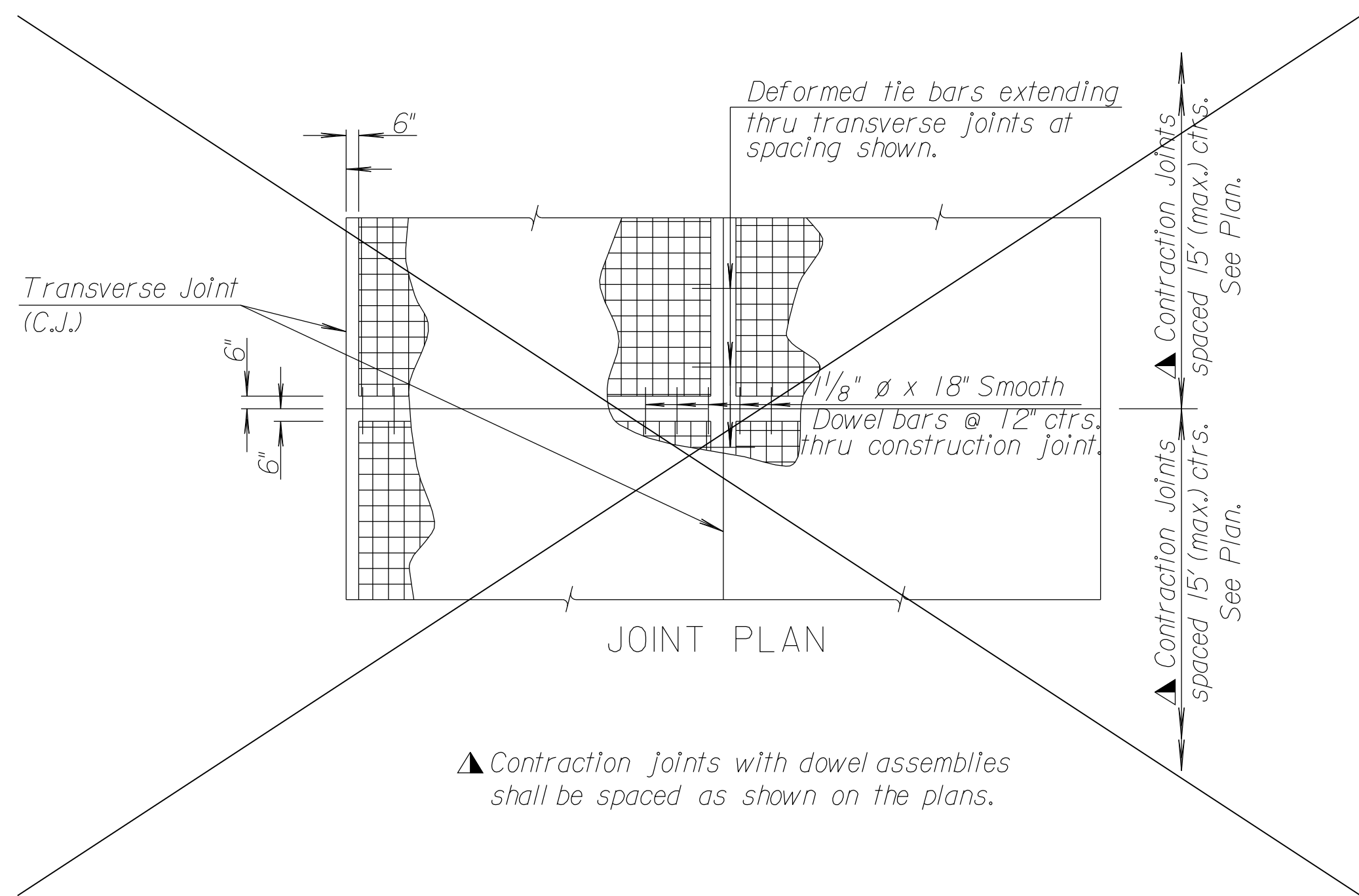
DETAIL OF LAP FOR WIRE MESH

The lap shall extend beyond the first transverse or longitudinal wire of each sheet.

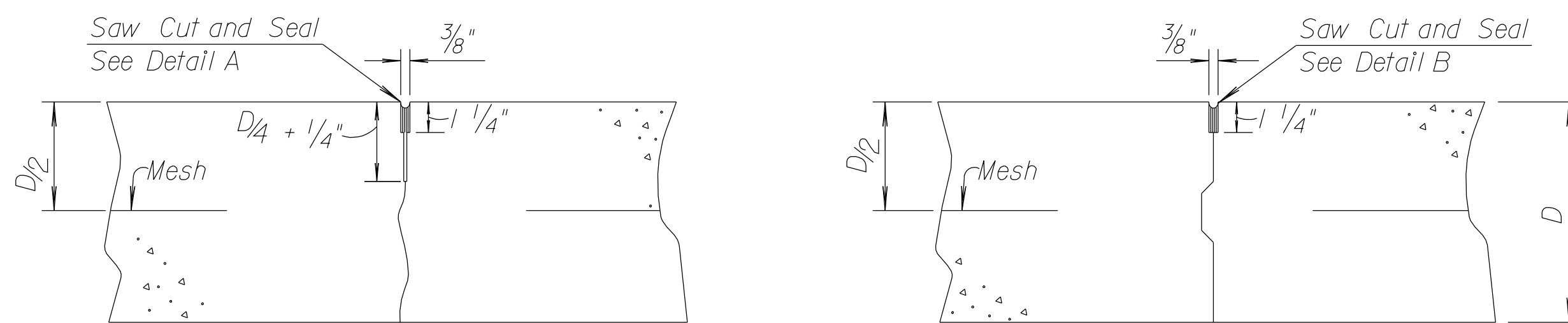
The sheet shall be wired securely at the edges and at intervals not to exceed 2'-6" for the full width of the sheet. Approximate weight of wire mesh = 58 lbs. per 100 sq. ft. Other methods for fastening the sheets of wire mesh at the laps may be used with the approval of the Engineer.



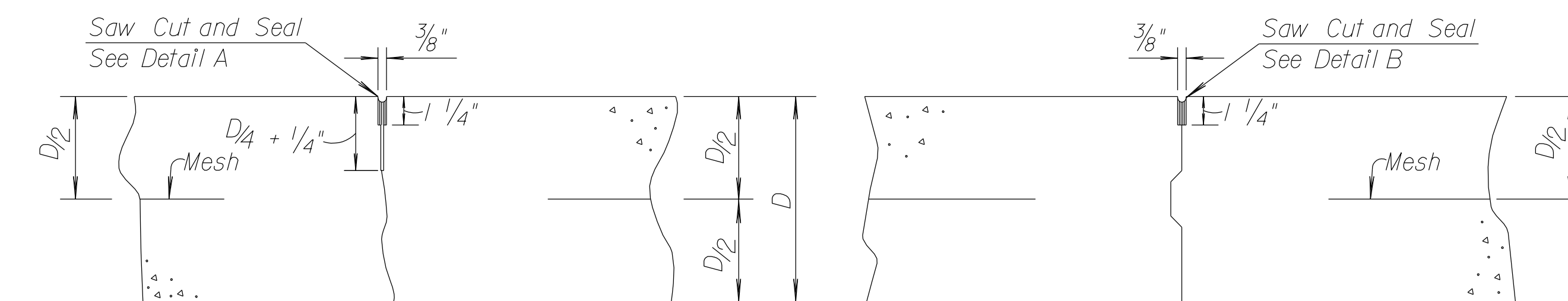
EXPANSION JOINT DETAIL (E.J.)



▲ Contraction joints with dowel assemblies shall be spaced as shown on the plans.



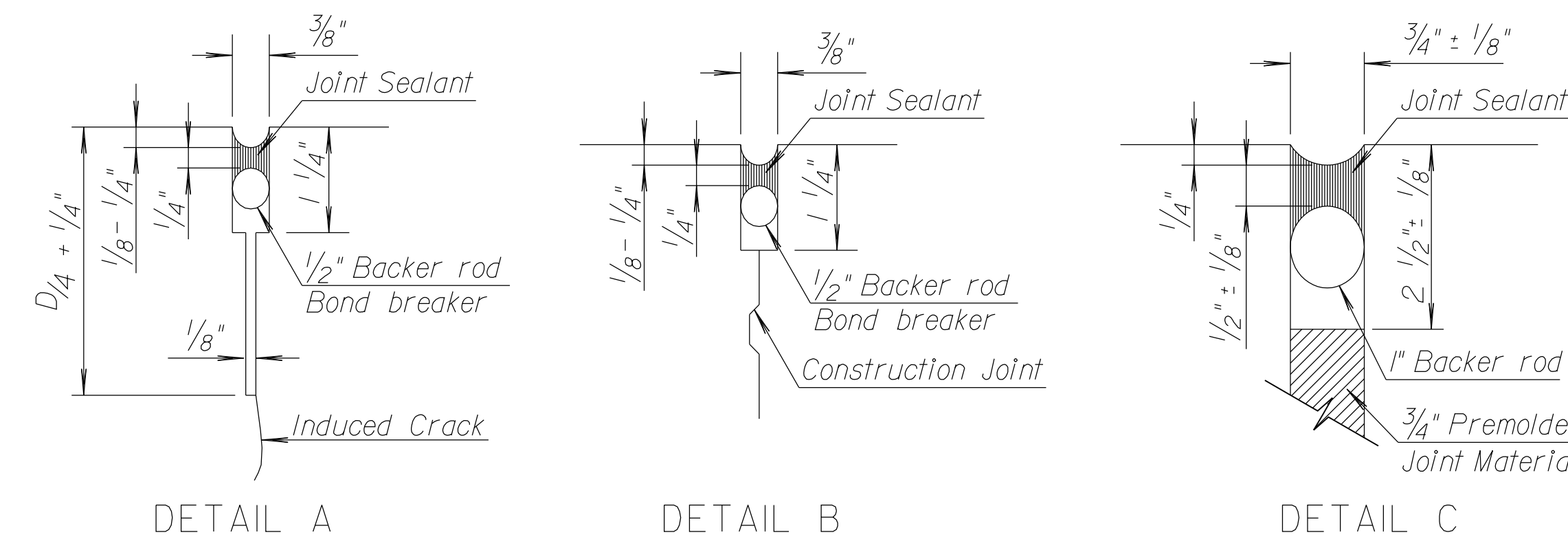
LONGITUDINAL JOINTS (L.J.)



TRANSVERSE JOINTS (C.J.)

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 from a contraction joint.

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



DETAIL OF CONTRACTION JOINT SAWCUT

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.

Note: The Joint Sealant shall be Type I (Non Self-Leveling) Silicone unless otherwise approved by the Engineer.

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

DATE	
BY	
REFERENCES NOTED	
REFERENCES CHECKED	

Plotted By : ccbanka
 File : g:\w110\0017\Road\0017compvmt.sht
 8/27/2010

CITY OF WICHITA NOMAR ALLEY RECONSTRUCTION	
FULLY REINFORCED CONCRETE PAVEMENT DETAIL	
WICHITA, KANSAS	
DESIGNED	DRAWN
C.C.B.	C.C.B.
CHECKED	DATE
S.G.E.	8/27/2010

TranSystems