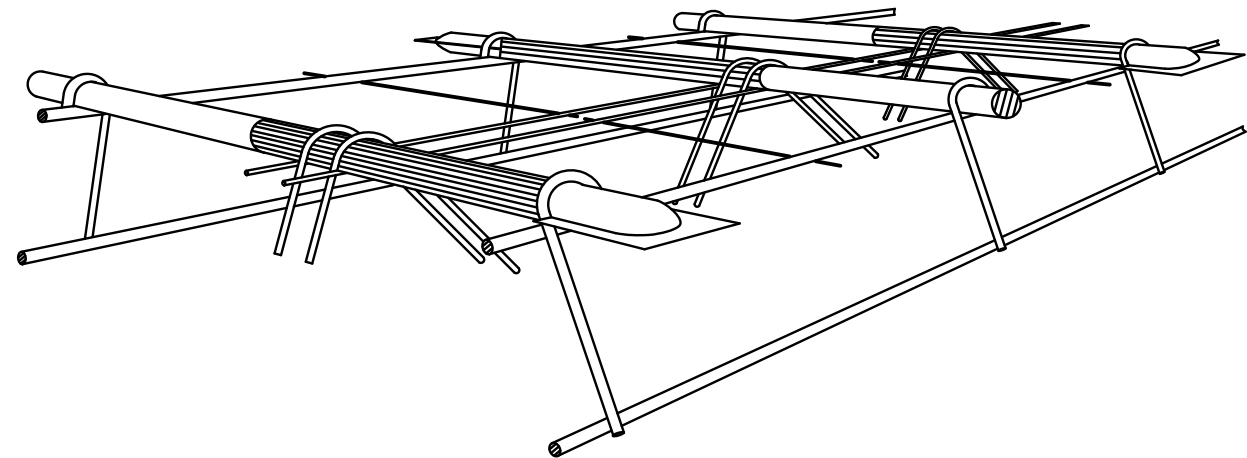
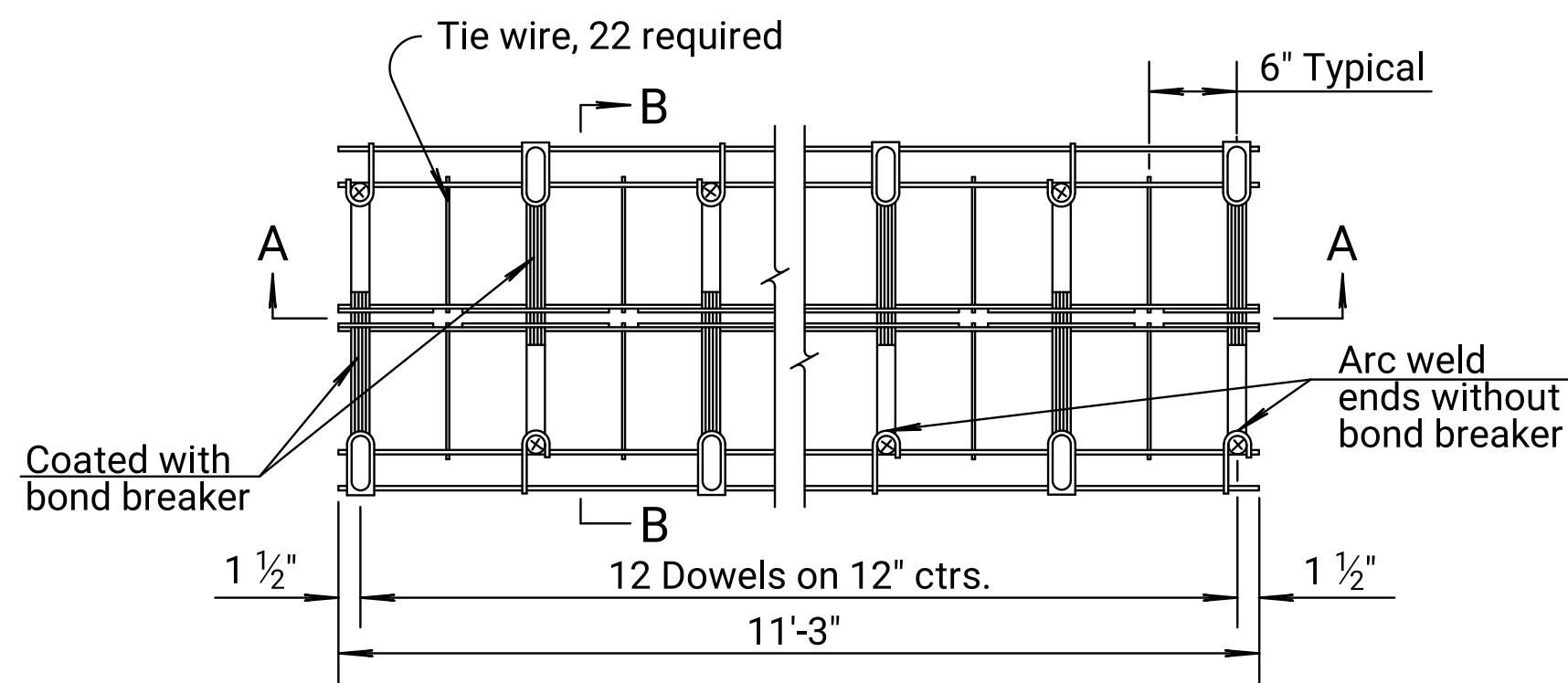


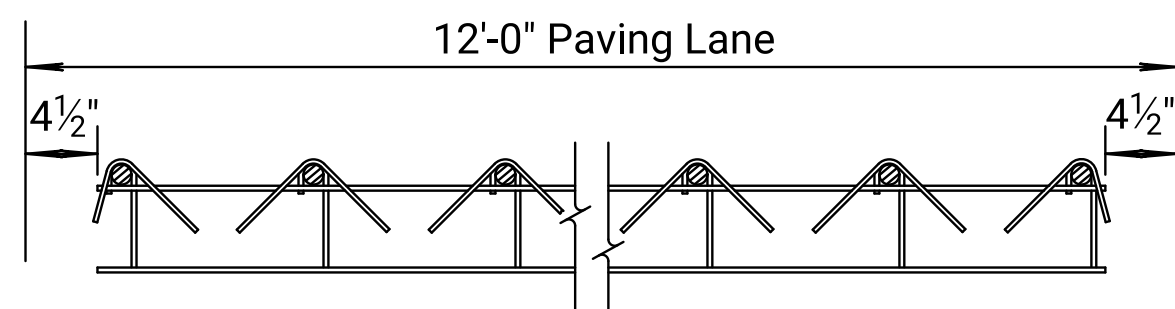
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	0	0	0	0



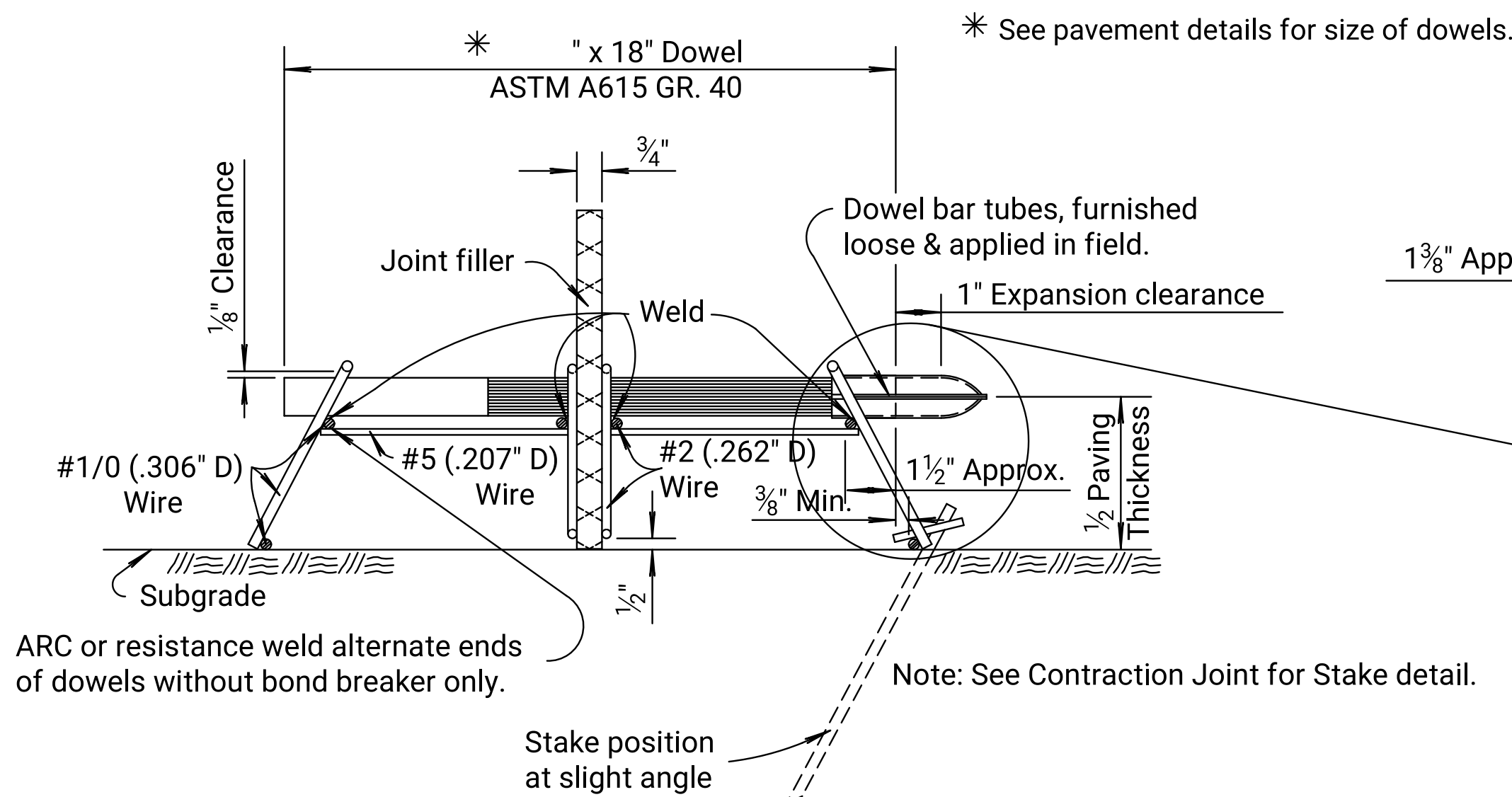
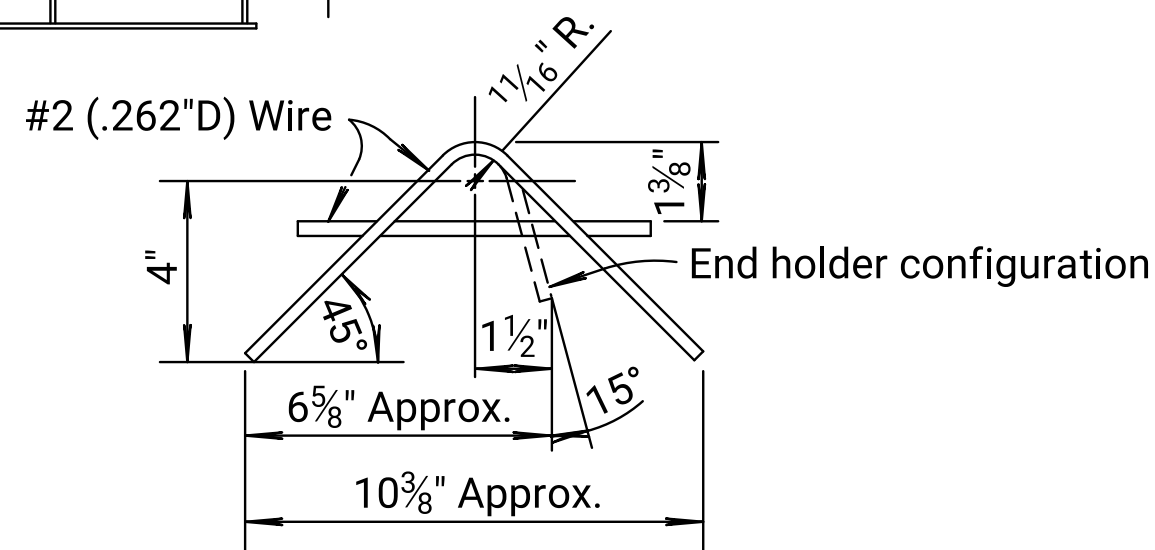
PERSPECTIVE VIEW



PLAN VIEW



SEC. A-A



SEC. B-B

EXPANSION JOINT

GENERAL NOTE

Coat each dowel bar with an epoxy coating that meets the standard specifications. Uniformly apply the powdered epoxy coating according to accepted practices and the coating manufacturer's recommendations. The coating need not be applied to the end faces of the bars and will not be required within 2" of the end which will be fixed in the supporting bracket by welding.

Cut the dowel bars to length in such a manner to result in no appreciable deformation of the ends.

Dowel Baskets

Wire sizes shown are minimum required.
Stake baskets to subgrade as shown. Use ramset or similar type fastener with clip when subgrade condition requires it.
Sides held together with tie wire, allowing quick separation of sides and insertion of expansion material, provided in the field.
Use one length of Preformed Expansion Joint filler (Type B) or other approved material as determined by the Engineer, cut to fit crown and subgrade for each lane of pavement as expansion joint filler.

Visually inspect bond breaker was applied to the dowel bars in accordance with KDOT's Standard Specifications prior to placing concrete pavement.

Carefully level the entire joint assembly so that the dowels are parallel to the slab surface and free to slide in the dowel holders. Replace any coating scraped off the dowels during assembly.

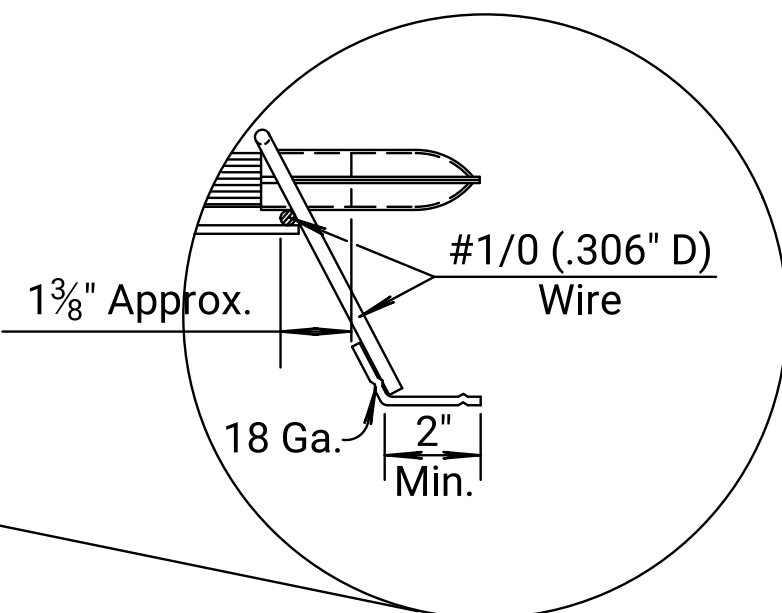
Check each completed contraction joint assembly to be certain the vertical plane of the joint will be perpendicular to the finished surface of the slab and at a right angle with the center line of the slab unless otherwise shown on the plans. Check the dowels to be certain they are level and will remain in a position parallel with the finished surface of the slab.

Place concrete over and adjacent to the joint in accordance with the requirements of the Standard Specifications.

After completion of machine finishing, floating, and straight edging the surface, carefully remove the concrete over the filler and edge the joint with an edger of the proper size.

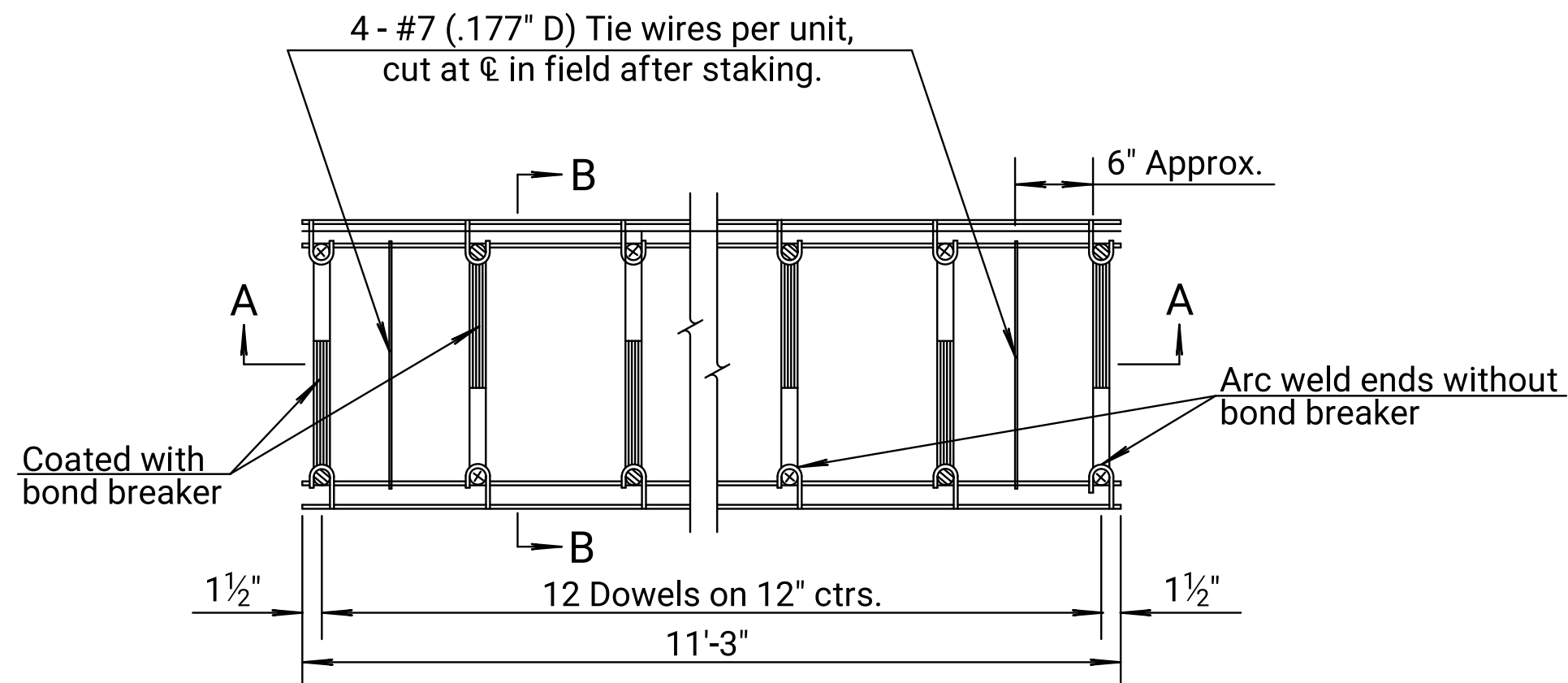
Install expansion joint material in the field.

Alternative designs may be used in lieu of the type shown as approved by the Engineer.

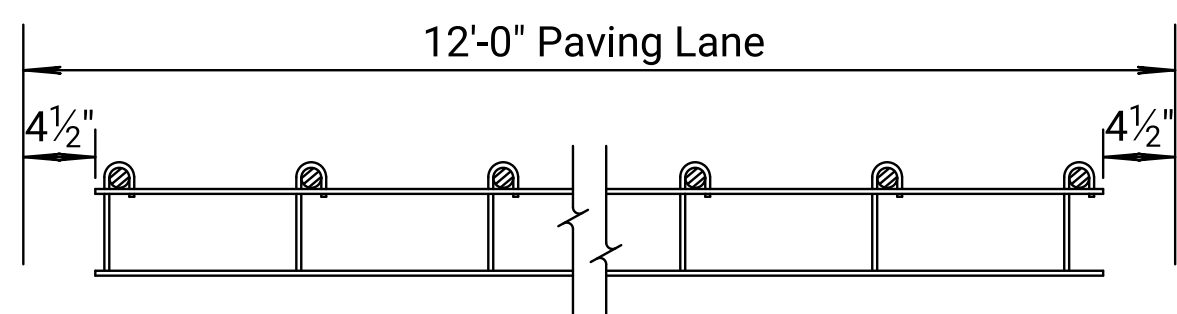


SAND PLATE (Alt. 1)

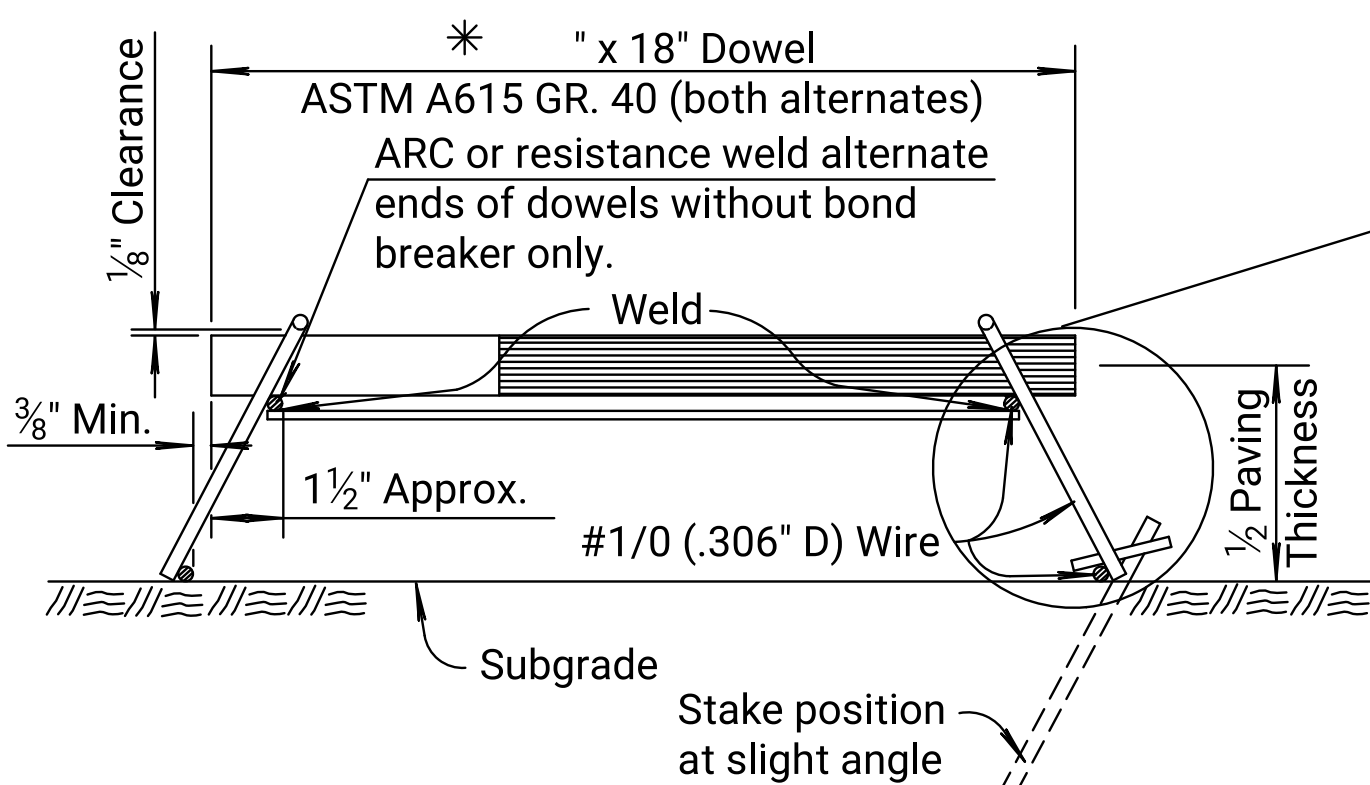
PERSPECTIVE VIEW



PLAN VIEW

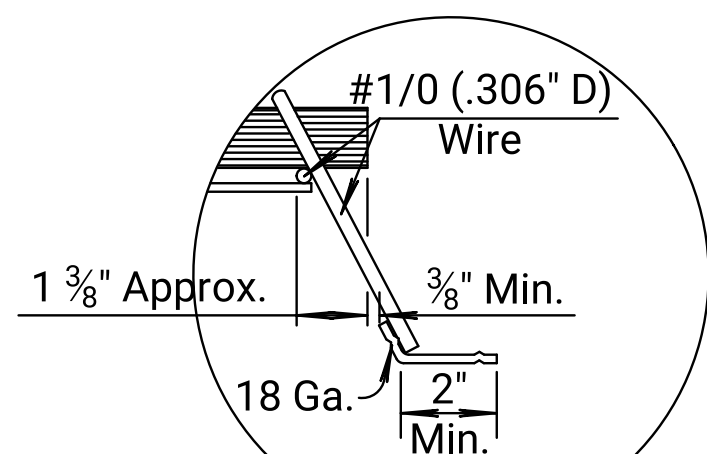


SEC. A-A

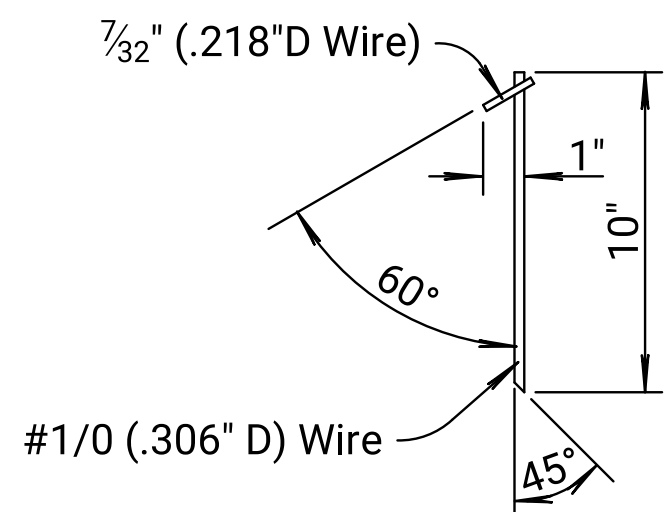


SEC. B-B

CONTRACTION JOINT



SAND PLATE (Alt. 1)



STAKE DETAIL

(6 Pieces minimum required)

10	06-04-26	Clarify ends with bond breaker and welds	A.L.R.	D.D.T.
09	06-03-15	Rem. Opt., Mechanical Placement	T.T.R.	S.W.K.
08	02-15-06	Chg. Grade 60 to Grade 40 Steel	S.W.K.	J.O.B.
NO.	DATE	REVISIONS	BY	APP'D

KANSAS DEPARTMENT OF TRANSPORTATION

CONTRACTION & EXPANSION JT. DOWEL ASSEMBLIES

RD735

FHWA APPROVAL		7-23-26	APP'D.		Debbie Tanking
DESIGNED	DETAILED		QUANTITIES	TRACED	
DESIGN CK.	DETAIL CK.		QUAN.CK.	TRACE CK.	

KDOT Graphics Certified 07-23-2026

Sh. No. 0