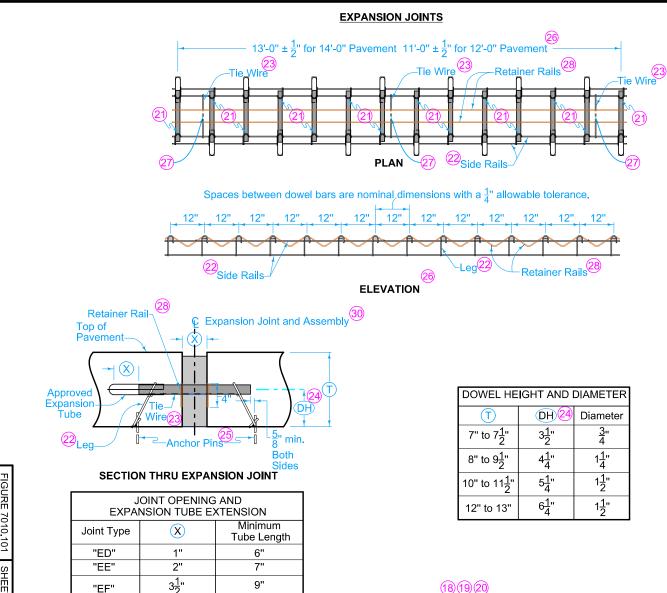


5

- (18) Use 18 inch long dowel bars with a tolerance of ± 1/8 inch. Ensure the centerlines of individual dowels are parallel to the other dowels in the assembly within ± 1/8 inch
- (19) Wire sizes shown are the minimum required. Use wires with a minimum tensile strength of 50 ksi.
- (20) Details apply to both transverse contraction and expansion joints
- (21) Weld alternately throughout.
- (22) #1/0 gauge (0.306 inch diameter) wire.
- (23) #10 gauge (0.135 inch diameter) wire, welded or friction fit to upper side rail, both sides.
- 24 Measured from the centerline of dowel bar to bottom of lower side rail + 1/4 inch.
- (25) Per lane width, install a minimum of 8 anchor pins evenly spaced (4 per side), to prevent movement of assembly during construction. Anchor assemblies placed on pavement or PCC base with devices approved by the Engineer
- If dowel basket assemblies are required for curbed (26 pavements, the assembly length is based on the jointing layout. See PV-101, sheet 8.
- Ensure dowel basket assembly centerline is within 2 (30 inches of the intended joint location longitudinally and has no more than 1/4 inch horizontal skew from end of basket to end of basket.

DOWEL HE	DOWEL HEIGHT AND DIAMETER				
T	DH 24	Diameter			
7" to 7 <u>1</u> "	3 <u>1</u> "	<u>3</u> " 4			
8" to 9 <u>1</u> "	4 <u>1</u> "	1 <u>1</u> "			
10" to 11 <u>1</u> "	5 <u>1</u> "	1 <u>1</u> "			
12" to 13"	6 <u>1</u> "	1 <u>1</u> "			

		REV 5	SION 04-21-15		
FIGURE 7010.101	STANDARD ROAD PLAN	PV-101			
		SHEET 6 of 8			
REVISIONS: Added Detail D-3 and removed language on Detail D-1 on page 4. Added Detail D-3 as an option for 'K' and 'L' joints on page 3.					
Poul D. Wiegand Brian Smith					
JOINTS					



DOWEL ASSEMBLIES

- (18) Use 18 inch long dowel bars with a tolerance of ± 1/8 inch. Ensure the centerlines of individual dowels are parallel to the other dowels in the assembly within ± 1/8 inch.
- (19) Wire sizes shown are the minimum required. Use wires with a minimum tensile strength of 50 ksi.
- Details apply to both transverse contraction and (20) expansion joints.
- (21) Weld alternately throughout.
- (22) #1/0 gauge (0.306 inch diameter) wire.
- #10 gauge (0.135 inch diameter) wire, welded or friction fit to upper side rail, both sides. (23)
- 24 Measured from the centerline of dowel bar to bottom of lower side rail + 1/4 inch.
- (25) Per lane width, install a minimum of 8 anchor pins evenly spaced (4 per side), to prevent movement of assembly during construction. Anchor assemblies placed on pavement or PCC base with devices approved by the Engineer
- If dowel basket assemblies are required for curbed (26)pavements, the assembly length is based on the jointing layout. See PV-101, sheet 8.
- 27) Clip and remove center portion of tie during field assembly.
- (28) 1/4 inch diameter wire.
- (30) Ensure dowel basket assembly centerline is within 2 inches of the intended joint location longitudinally and has no more than 1/4 inch horizontal skew from end of basket to end of basket.

-		REVISION			
	COWADOT	5	04-21-15		
)	PV-101			
FIGURE 7010.101	STANDARD ROAD PLAN	۲V ·	-101		
		SHEE	T 7 of 8		
REVISIONS: Added Detail D-3 and removed language on Detail D-1 on page 4. Added Detail D-3 as an option for 'K' and 'L' joints on page 3.					
Poul D. Wigand Brian Smith					
SUDAS DIRECTOR					
JOINTS					

FIGURE 7010.101 ЧS C

