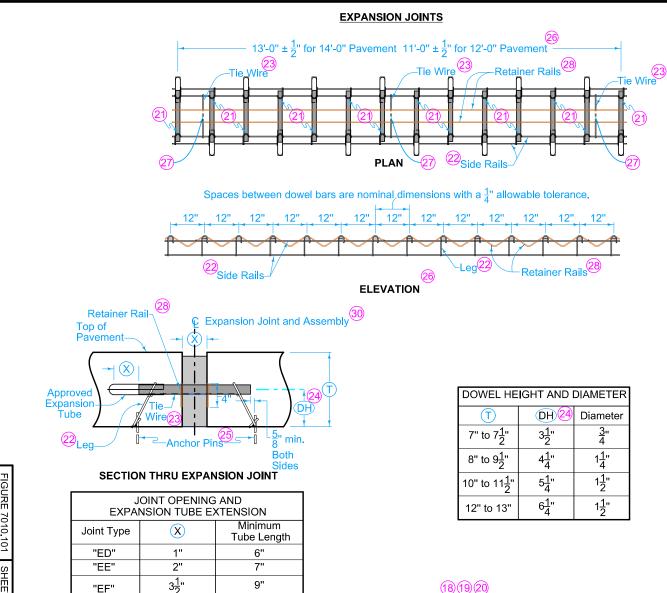


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- (18) Use 18 inch long dowel bars with a tolerance of ± 1/8 inch. Ensure the centerlines of individual dowels are parallel to the other dowels in the assembly within ± 1/8 inch
- (19) Wire sizes shown are the minimum required. Use wires with a minimum 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 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> "		

		REVISION 4 10-21-14				
FIGURE 7010.101	STANDARD ROAD PLAN	PV-101				
SHEET 6 of 8 REVISIONS: Changed the 'DW-CG' Joint on sheet 1 to reference the Bar Size Table						
rather than a #5 bar. Rove D. Wiggand Brian Smith						
SUDAS DIRECTOR DESIGN METHODS ENGINEER						
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	4	10-21-14				
)	PV-101					
FIGURE 7010.101	STANDARD ROAD PLAN						
		SHEE	T 7 of 8				
REVISIONS: Changed the 'DW-CG' Joint on sheet 1 to reference the Bar Size Table rather than a #5 bar.							
Poul D. Wigand Brian Smith							
SUDAS DIRECTOR DESIGN METHODS ENGINEER							
JOINTS							

FIGURE 7010.101 ЧS C

