

0

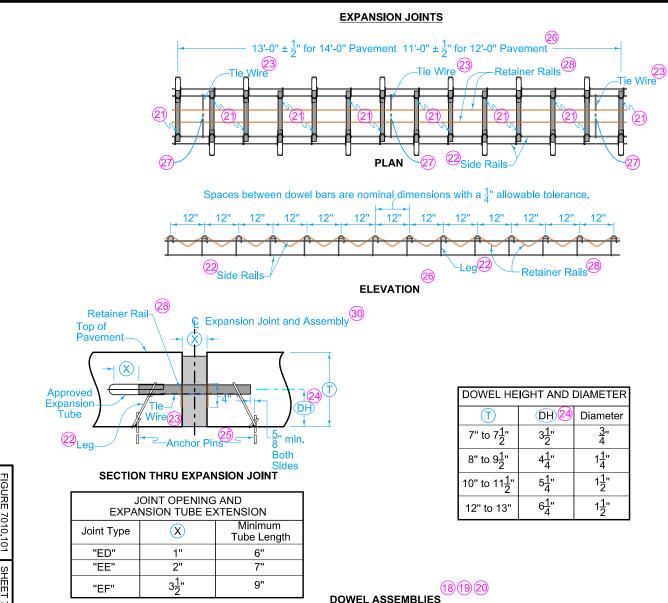
5

101

- (18) Use 18 inch long dowel bars with a tolerance of \pm 1/8 inch. Ensure the centerlines of individual dowels are parallel to the other dowels in the assembly within ± 1/8 inch
- (19) Use wires with a minimum tensile strength of 50 ksi.
- (20) Details apply to both transverse contraction and expansion joints.
- (2) Weld alternately throughout.
- (22) #1/0 gauge (0.306 inch diameter) wire. Wire sizes shown are the minimum required.
- 23 #10 gauge (0.177 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.
- 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.

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 6	SION 04-19-16				
FIGURE 7010.101	STANDARD ROAD PLAN	PV-101					
		SHEET 6 of 8					
REVISIONS: Revised note 5 on page 1. Revised notes 19, 22, and 23 on pages 6, 7, and 8. Added shading and a Legend to define existing and proposed pavement.							
Bul D. Wigand Brian Smith SUDAS DIRECTOR DESIGN METHODS ENGINEER							
JOINTS							



- (18) Use 18 inch long dowel bars with a tolerance of \pm 1/8 inch. Ensure the centerlines of individual dowels are parallel to the other dowels in the assembly within ± 1/8 inch.
- (19) 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. Wire sizes shown are the minimum required.
- (23)#10 gauge (0.177 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
- (26) If dowel basket assemblies are required for curbed pavements, the assembly length is based on the jointing layout. See PV-101, sheet 8.
- (27) Clip and remove center portion of the 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					
SUDAS	COWADOT	6	04-19-16				
)						
FIGURE 7010.101 STANDARD ROAD PLAN		PV-101					
		SHEET 7 of 8					
REVISIONS: Revised note 5 on page 1. Revised notes 19, 22, and 23 on pages 6, 7, and 8. Added shading and a Legend to define existing and proposed pavement.							
Price D. Wigard Brian Smith							
SUDAS DIRECTOR DESIGN METHODS ENGINEER							
JOINTS							

FIGURE 7010.101 Ϋ́

