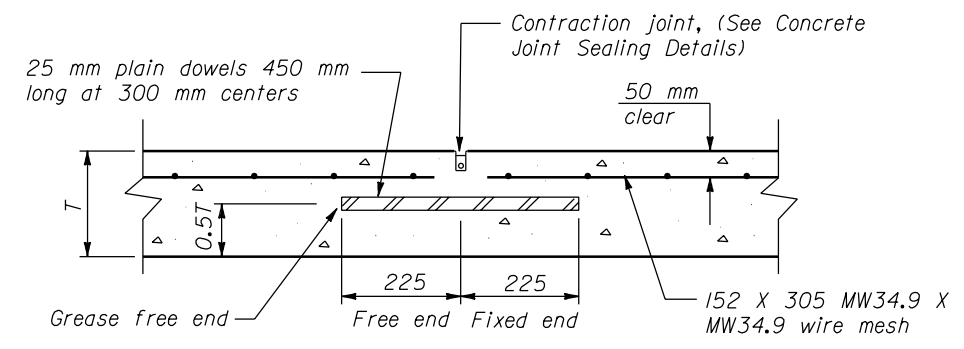
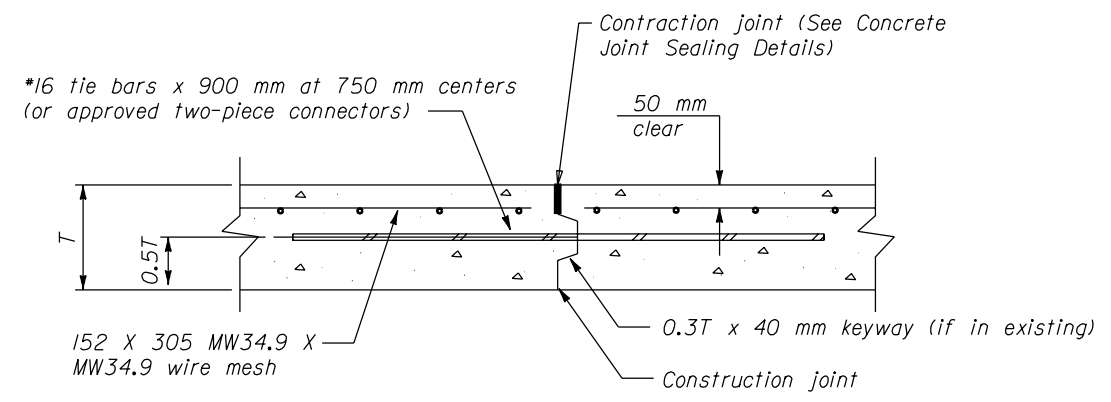


**TRANSVERSE EXPANSION JOINT**



**TRANSVERSE CONTRACTION JOINT**

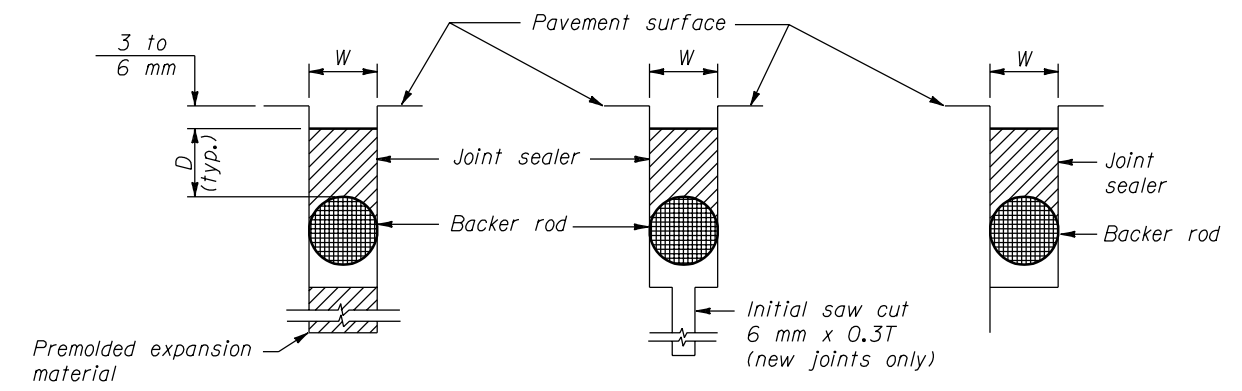


**LONGITUDINAL CONSTRUCTION JOINT**

**REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT JOINT DETAILS**

**NOTE:**

1. Dimensions not labeled are in millimeters.
2. Anchor tie bars and dowels into existing concrete pavement with epoxy resin adhesive.
3. Space expansion joints a minimum of 90 meters.
4. W= 10 mm for longitudinal contraction joints and 20 mm for transverse expansion and contraction joints field conditions require larger openings.
5. Maintain joint sealant shape factor of 1:1 except that when silicone sealant is used, the width to depth (W:D) shape factor is 1:2.



**EXPANSION JOINT**  
**CONTRACTION JOINT**  
 (Method A- Saw cut) (Method B- Formed joint)

**REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT JOINT SEALING DETAILS**

16 NOV 2000

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NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION FEDERAL LANDS HIGHWAY	
METRIC STANDARD	
PORTLAND CEMENT CONCRETE PAVEMENT JOINTS	
STANDARD APPROVED FOR USE 3/1996 REVISED: 6/1997	STANDARD M501-2