TRANSVERSE EXPANSION JOINT

200

20

230

152 x 305

MW34.9 x MW34.9

wire mesh or #19 bars

wire mesh or #19 bars

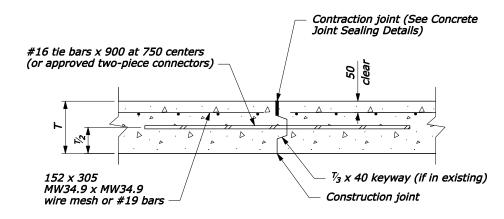
Grease free end

Grease free end

(min.)

Contraction joint, (See Concrete 25 plain dowels 450 Joint Sealing Details) long at 300 centers 225 225 152 x 305 MW34.9 x MW34.9 Free end Fixed end

TRANSVERSE CONTRACTION JOINT



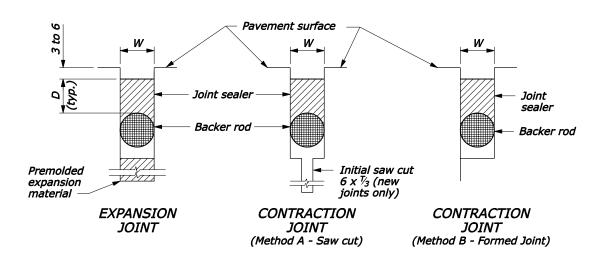
LONGITUDINAL CONSTRUCTION JOINT

REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT JOINT DETAILS

FOR COMMENT

NOTE:

- 1. Anchor tie bars and dowels into existing concrete pavement with epoxy resin adhesive.
- 2. Space expansion joints a minimum of 84 meters.
- 3. W= 10 for longitudinal contraction joints and 20 for transverse expansion and contraction joints field conditions require larger openings.
- 4. 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.
- 5. Dimensions without units are millimeters.



REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT JOINT SEALING DETAILS

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION FEDERAL LANDS HIGHWAY

METRIC STANDARD

PORTLAND CEMENT CONCRETE PAVEMENT JOINTS

NO SCALE

STANDARD APPROVED FOR USE 3/1996 STANDARD REVISED: 6/1997 DRAFT: 9/2004 M501-2