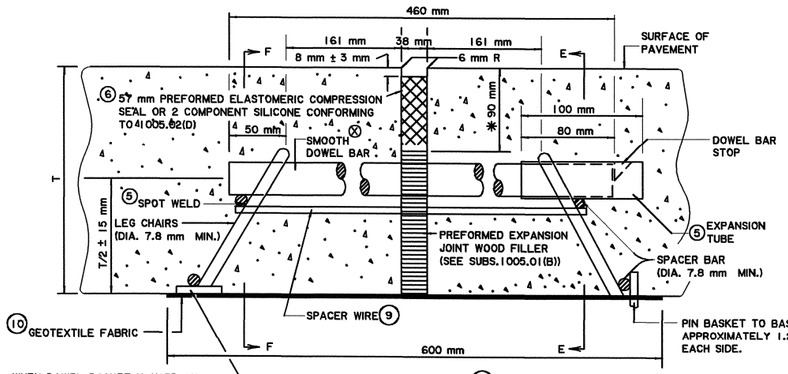
F.A.P.	STATE PROJECT	PARISH	SHEET NO.



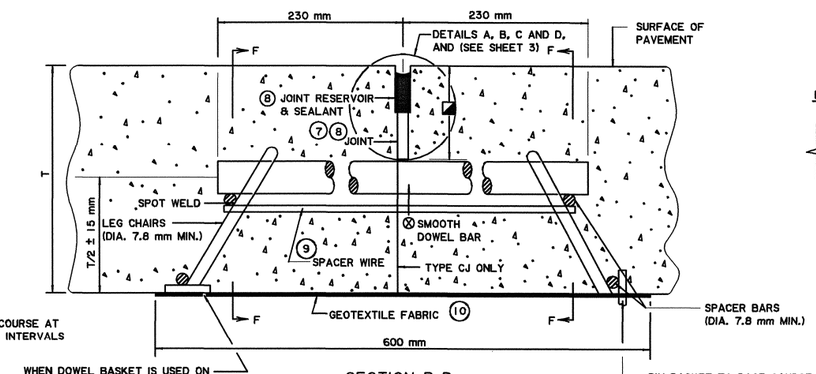
SECTION A-A ⑬

TYPE EJ

✱ 75 mm FOR 200 mm PAVEMENT

⊗ SEE TABLE I

(TRANSVERSE EXPANSION JOINT)
(TYPE EJ-38mm ALTERNATE ALLOWED WITH SUPPORT PAVING)

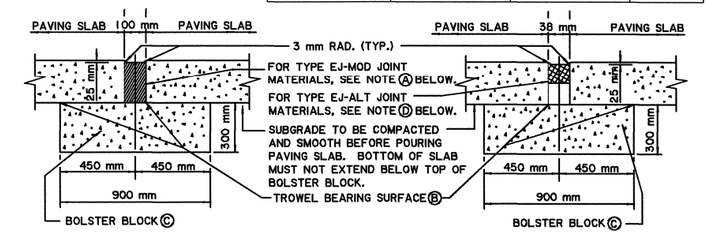


SECTION B-B

TYPE TCJ OR CJ

(TRANSVERSE CONTRACTION JOINT OR CONSTRUCTION JOINT)

◪ SEE TABLE I



SECTION C-C

TYPE EJ-MODIFIED

TYPE EJ-38mm ALTERNATE

(ALLOWED FOR SLIP FORM PAVING)

NOTES:

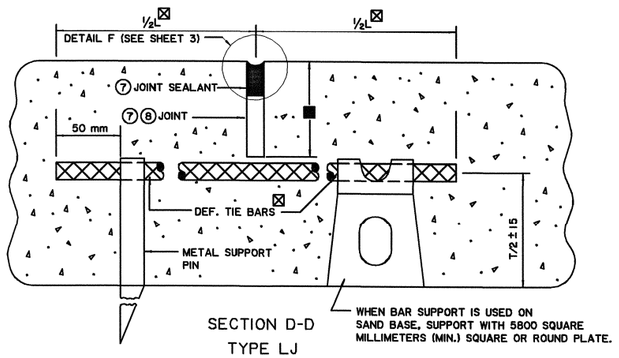
Ⓐ JOINT SHALL BE FILLED WITH A PREFORMED POLYURETHANE FOAM TYPE FILLER CONFORMING TO SUBSECTION 1005.07.

Ⓑ ONE LAYER OF TAR PAPER EQUIVALENT TO 15 kg/9.0 m^2 SHALL BE PLACED BETWEEN THE BOLSTER BLOCK AND THE PAVING SLAB.

Ⓒ BOLSTER BLOCK SHALL BE CONSTRUCTED OF CLASS "A" OR PAVEMENT TYPE CONCRETE AT NO DIRECT PAY.

Ⓓ 57 mm PREFORMED ELASTOMERIC COMPRESSION SEAL OR 2 COMPONENT SLIICONE CONFORMING TO 1005.02(D).

Ⓔ SEE DETAILS FOR UNDERDRAIN FOR 100mm EJ JOINT.



SECTION D-D

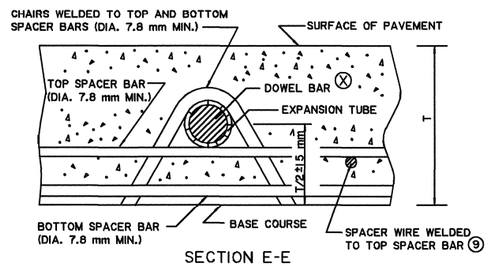
TYPE LJ

(LONGITUDINAL JOINT)

(REQUIRED WHEN PAVEMENT WIDTH EXCEEDS 4.5 m) (SEE NOTE ⑦)

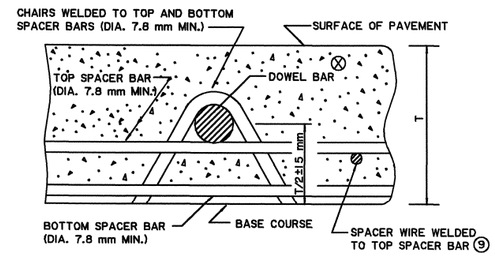
☒ ■ SEE TABLE I

(SEE DETAIL "F" ON SHEET 3)



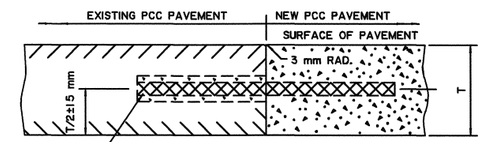
SECTION E-E

⊗ SEE TABLE I



SECTION F-F

⊗ SEE TABLE I

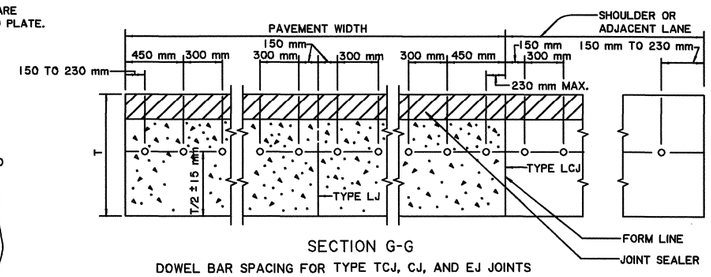


SECTION H-H

TYPE LBJ

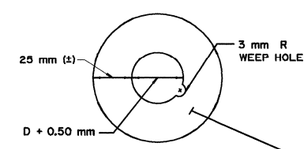
(LONGITUDINAL BUTT JOINT)

☒ DEFORMED TIE BARS OF THE SIZE, LENGTH AND ONE HALF THE SPACING SPECIFIED IN TABLE I SHALL BE USED. THE BARS SHALL BE INSTALLED IN EXISTING PAVEMENT BY DRILLING HOLES LARGER THAN THE BAR DIAMETER (3 mm WHEN EPOXY IS USED, 15mm WHEN A CEMENTITIOUS GROUT ANCHOR SYSTEM IS USED, AND IN ACCORDANCE WITH MANUFACTURE'S RECOMMENDATIONS WHEN ADHESIVE ANCHOR SYSTEMS ARE USED) TO A REQUIRED DEPTH OF 1/2 THE BAR LENGTH. THE HOLES SHALL BE DRILLED AND FILLED IN ACCORDANCE WITH SUBSECTION 601.09(F) BEFORE INSERTION OF THE TIE BARS.



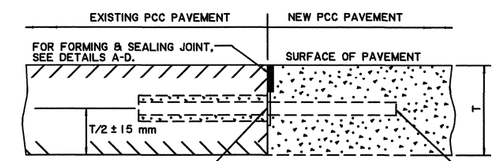
SECTION G-G

DOWEL BAR SPACING FOR TYPE TCJ, CJ, AND EJ JOINTS



GROUT RETENTION DISK

D = DOWEL DIAMETER
(INCLUDING PROTECTIVE COATING)

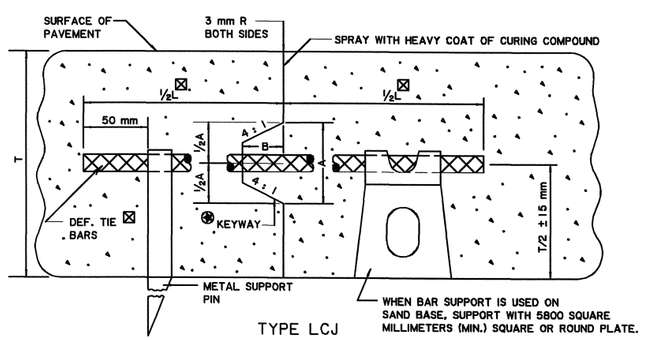


SECTION J-J

TYPE BJ

(TRANSVERSE BUTT JOINT)

⊗ SMOOTH DOWEL BARS OF THE SIZE, LENGTH AND SPACING SPECIFIED IN TABLE I SHALL BE USED. THE BARS SHALL BE INSTALLED IN EXISTING PAVEMENT BY DRILLING HOLES 3mm LARGER THAN THE BAR DIAMETER TO A REQUIRED DEPTH OF ½ THE BAR LENGTH. THE HOLES SHALL BE DRILLED AND FILLED IN ACCORDANCE WITH SUBSECTION 601.09(G) BEFORE INSERTION OF THE DOWEL BARS.



TYPE LCJ

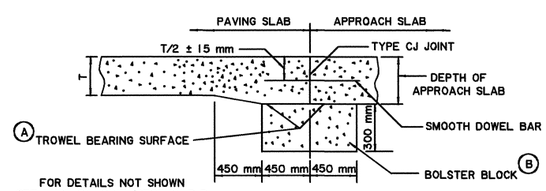
(LONGITUDINAL CONSTRUCTION JOINT)

✱ FOR KEYWAY DIMENSIONS A & B SEE TABLE I. IN LIEU OF THE KEYWAY, ONE OF THE FOLLOWING OPTIONS WILL BE ALLOWED:

A. INSTALL TIE BARS OF THE SIZE SHOWN IN TABLE I, AT ½ THE SPACING.

B. INSTALL TIE BARS 6 mm LARGER THAN THE TIE BAR DIAMETER SHOWN SHOWN IN TABLE I, AT THE SAME SPACING.

☒ SEE TABLE I



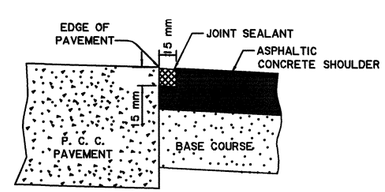
FOR DETAILS NOT SHOWN SEE TYPE CJ JOINT (SECTION B-B AND RELATED DETAILS)

SECTION K-K

CJ JOINT AT APPROACH SLAB

NOTES: Ⓐ ONE LAYER OF TAR PAPER EQUIVALENT TO 15 kg/9.0 m^2 SHALL BE PLACED BETWEEN THE BOLSTER BLOCK AND THE PAVING SLAB.

Ⓑ BOLSTER BLOCK SHALL BE CONSTRUCTED OF CLASS "A" OR PAVEMENT TYPE CONCRETE AT NO DIRECT PAY.



SECTION I - I

HOT POURED SEALANT SUBSECTION 1005.02(A)

DATE	DESCRIPTION	BY
	REVISIONS	

STANDARD PLAN CP-01(M) 2 SHEET OF 4

PORTLAND CEMENT CONCRETE PAVEMENT DETAILS

DATED

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

DESIGNED	DETAILED	DIR
CHECKED	CHECKED S. MCCAIN	FILE CP01-2.DGN
APPROVED Original signed by Chief Engineer CHIEF ENGINEER		DATE 4/26/01