NOTES:

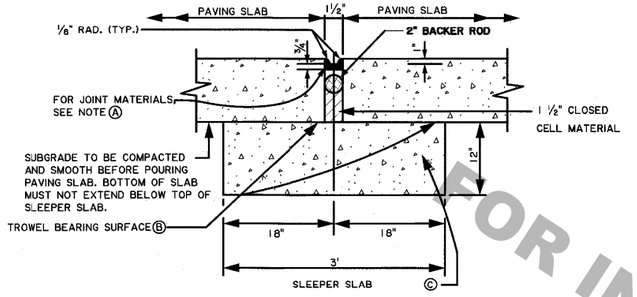
Ⓐ ONE OR TWO COMPONENT SILICONE CONFORMING TO SECTION 1005.

Ⓑ TAR PAPER EQUIVALENT TO 30 lbs./100 ft² SHALL BE PLACED BETWEEN THE SLEEPER SLAB AND THE PAVING SLAB.

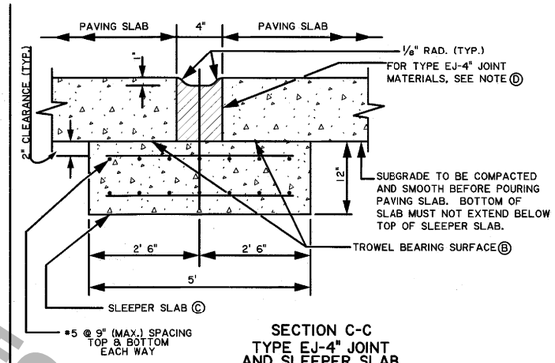
Ⓒ SLEEPER SLAB SHALL BE CONSTRUCTED OF CLASS "A" OR PAVEMENT TYPE CONCRETE AND INCLUDED IN THE COST OF THE PAVEMENT. PROVIDE DEFORMED GRADE 60 REINFORCING STEEL.

Ⓓ JOINT SHALL BE FILLED WITH A PREFORMED POLYURETHANE FOAM TYPE FILLER CONFORMING TO SECTION 1005.

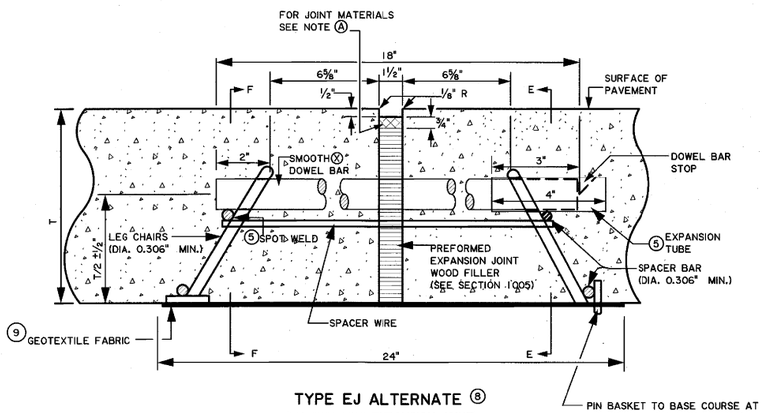
Ⓔ SEE DETAIL "G" - EJ-4" BASE DRAIN OUTLET FOR UNDERDRAIN DETAILS (SHEET 3)




SECTION A-A
TYPE EJ-1½"

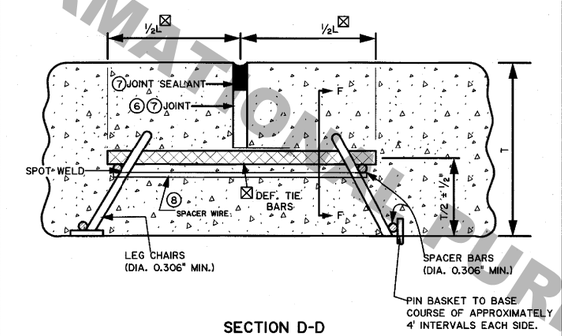



SECTION C-C
TYPE EJ-4" JOINT
AND SLEEPER SLAB



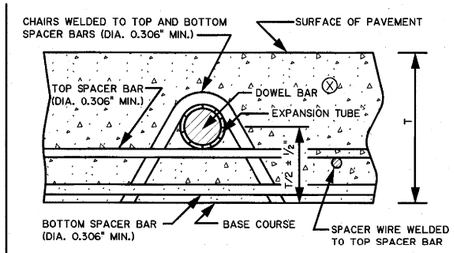

TYPE EJ ALTERNATE ⑧
(TRANSVERSE EXPANSION JOINT)
(NOT ALLOWED FOR DESIGN SPEED > 45 MPH)

⊗ SEE TABLE I

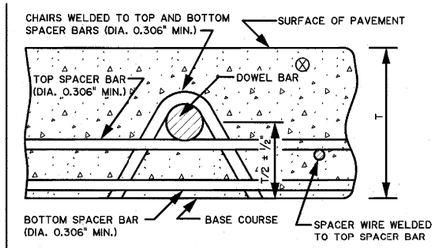



SECTION D-D
TYPE LJ (WITHOUT KEYWAY)
(LONGITUDINAL JOINT)
(REQUIRED WHEN PAVEMENT WIDTH EXCEEDS 15') (SEE NOTE ⑥)

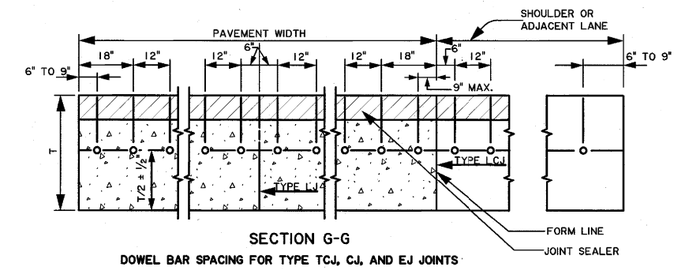
⊠ SEE TABLE I



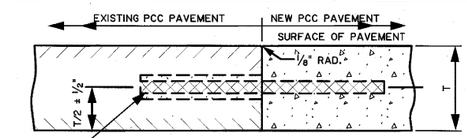

SECTION E-E
⊗ SEE TABLE I




SECTION F-F
⊗ SEE TABLE I

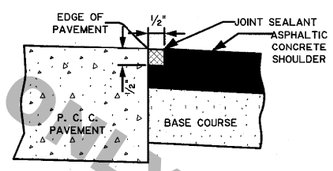



SECTION G-G
DOWEL BAR SPACING FOR TYPE TCJ, CJ, AND EJ JOINTS

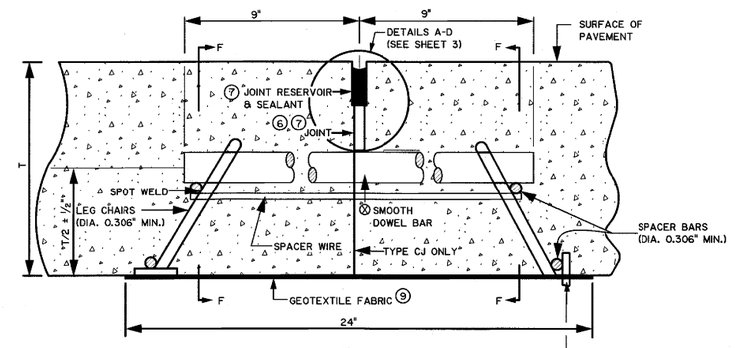



SECTION H-H
TYPE LBJ
(LONGITUDINAL BUTT JOINT)

⊠ 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 (1/8 " WHEN EPOXY IS USED, ½" WHEN A CEMENTITIOUS GROUT ANCHOR SYSTEM IS USED, AND IN ACCORDANCE WITH MANUFACTURER'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 SECTION 601 BEFORE INSERTION OF THE TIE BARS.

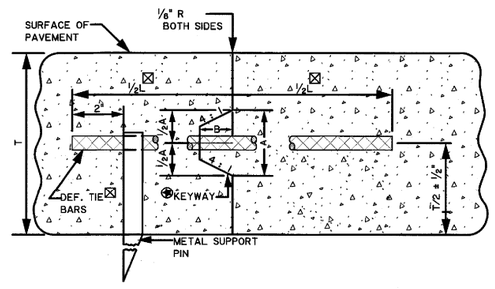



SECTION I-I
HOT POURED SEALANT SECTION 1005




SECTION B-B
TYPE TCJ OR CJ ⑧
(TRANSVERSE CONTRACTION JOINT OR CONSTRUCTION JOINT)

⊗ SEE TABLE I



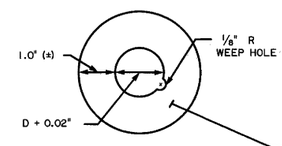

SECTION D-D
TYPE LCJ (WITH KEYWAY)
(LONGITUDINAL CONSTRUCTION JOINT)

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

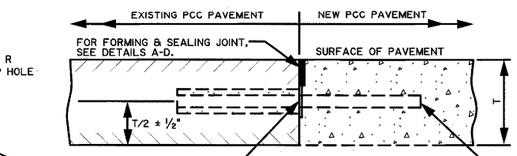
A. INSTALL TIE BARS OF THE SIZE SHOWN IN TABLE I, AT ½ THE SPACING.

B. INSTALL TIE BARS ¼" LARGER THAN THE TIE BAR DIAMETER SHOWN SHOWN IN TABLE I, AT THE SAME SPACING.

⊠ SEE TABLE I




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 ⅛" LARGER THAN THE BAR DIAMETER TO A REQUIRED DEPTH OF ½ THE BAR LENGTH. THE HOLES SHALL BE DRILLED AND FILLED IN ACCORDANCE WITH SECTION 601 BEFORE INSERTION OF THE DOWEL BARS.

NOT TO SCALE

FOR INFORMATION PURPOSES ONLY

| SHEET NUMBER | PARISH | CONTROL SECTION | STATE PROJECT |
|---|---|---|---|
| | | | |

| DESIGNED / CHECKED | DETAILED / CHECKED | DATE | SHEET |
|---|---|---|---|
| GLF / SAA | GLF / SAA | 01/27/2014 | 2 OF 3 |

| DATE | BY | REVISION DESCRIPTION |
|---|---|---|
| 10/15/14 | S.A.A | GENERAL REVISIONS |
| 01/27/14 | C.W. | DELETED DETAIL FOR SECTION K-K; UPDATED NOTE NUMBERS |

APPROVED BY CHIEF ENGINEER: Jamie P. Williams DATE: 10-27-2014

# PORTLAND CEMENT CONCRETE PAVEMENT DETAILS

CP-01 - STANDARD PLAN

ROAD DESIGN

11/3/2014 10/15/2014 043325
IP_PWP:dms10582\CP-01 (2 of 3).dgn