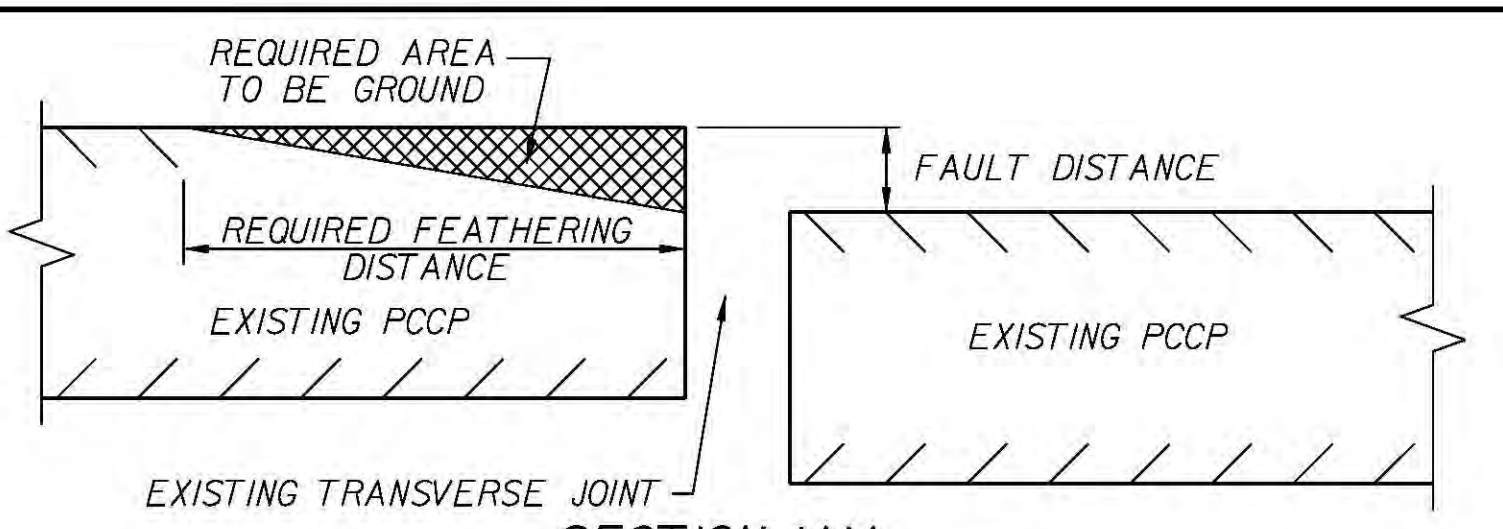


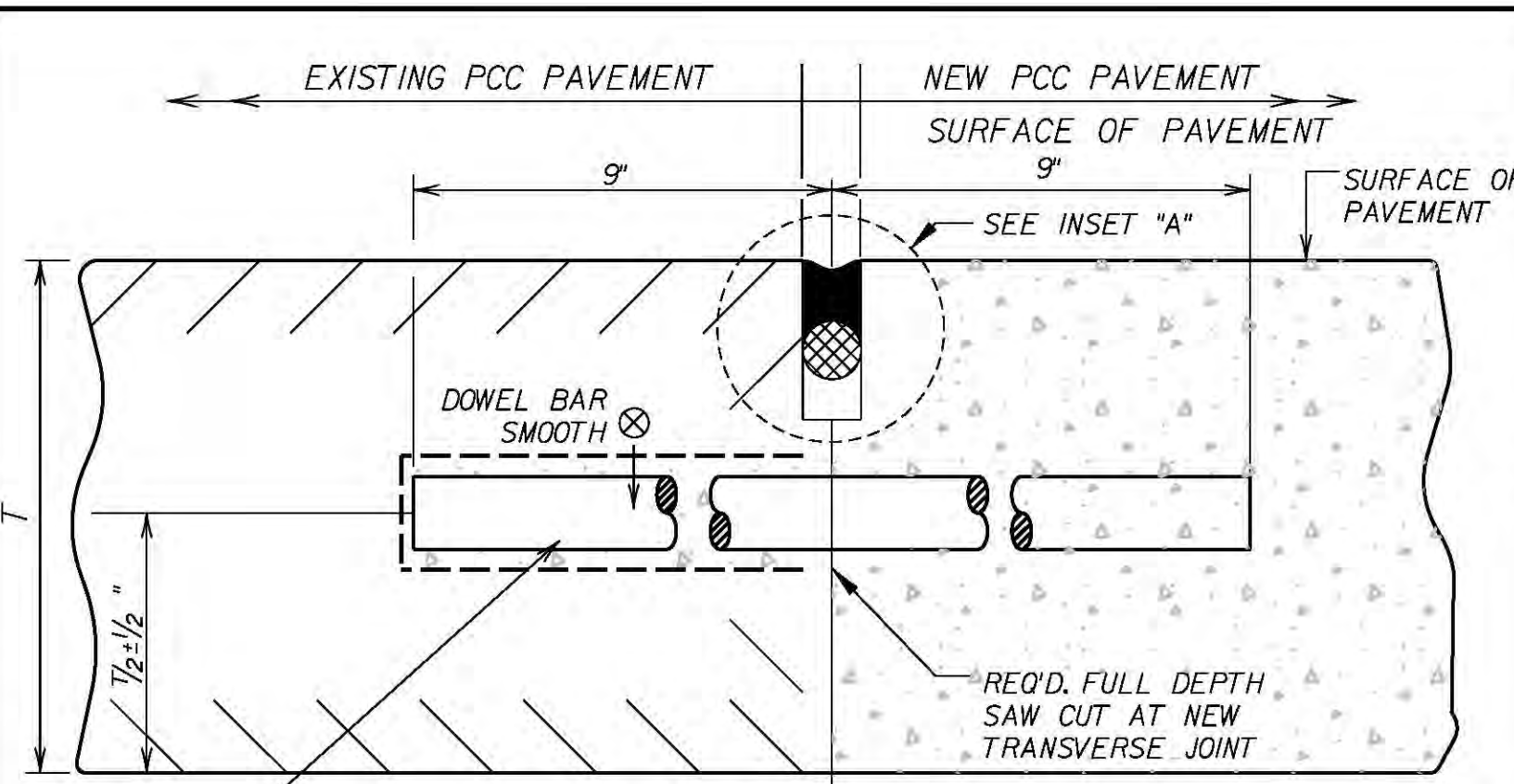
- NOTES:**
- (A) HOT POURED SEALANT SHALL CONFORM TO ASTM D3405.
 - (B) BACKER MATERIAL SHALL CONSIST OF HEAT RESISTANT, CLOSED-CELL, CROSS-LINKED POLYETHYLENE OR POLYOLEFIN FOAM.
 - (C) ALL WORK ON THIS DETAIL TO BE PAID FOR UNDER ITEM 602-02-00300, CLEANING AND RESEALING EXISTING TRANSVERSE PAVEMENT JOINTS.
 - (D) ALL WORK ON THIS DETAIL TO BE PAID FOR UNDER ITEM 602-02-00200, CLEANING AND RESEALING EXISTING LONGITUDINAL PAVEMENT JOINTS.

**SECTION U-U
CLEANING AND RESEALING JOINT**

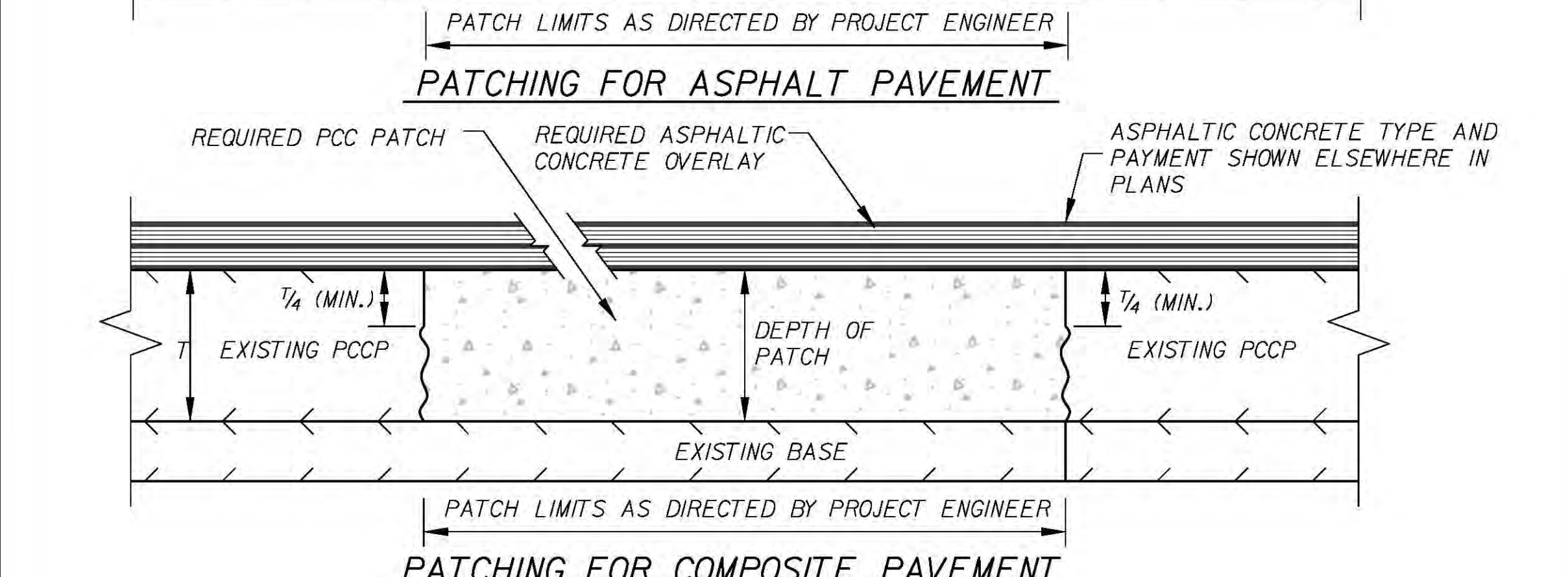
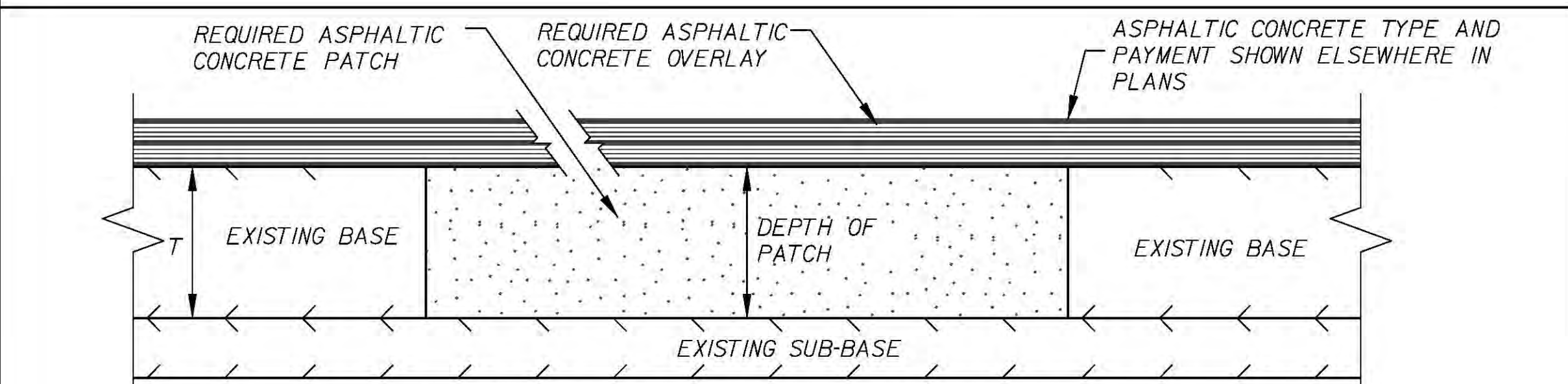
	WIDTH (W)	DEPTH (D)	BACKER MATERIAL (DIAMETER)	MINIMUM DEPTH TO REMOVE INCOMPRESSIBLES
LONGITUDINAL	3/8" - 1"	1/2"	W + 25%	T/2
TRANSVERSE	1" - 2"	W/2	W + 25%	T
	1/2" - 1"	1/2"	W + 25%	T/2
	1" - 3"	W/2	W + 25%	T



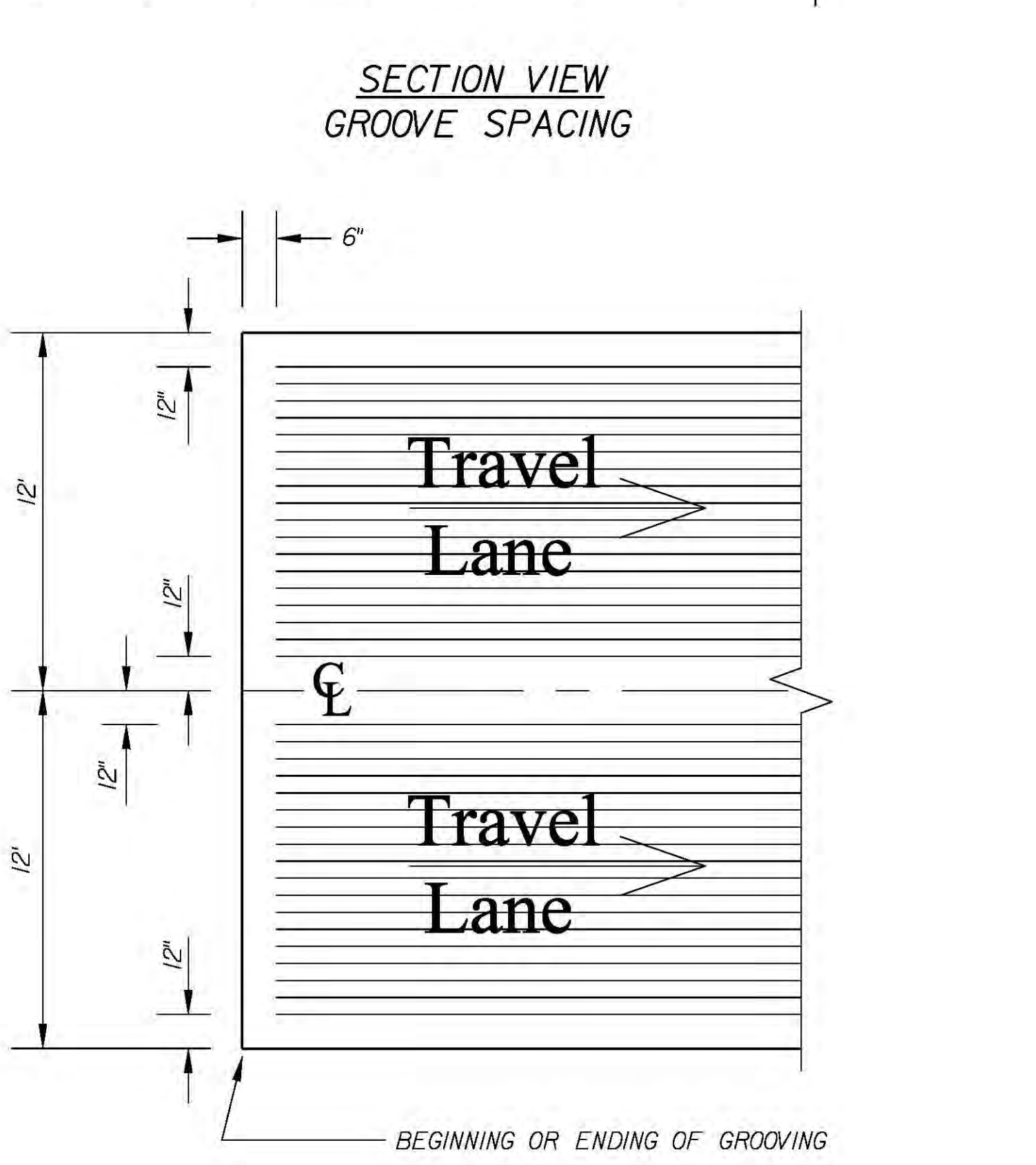
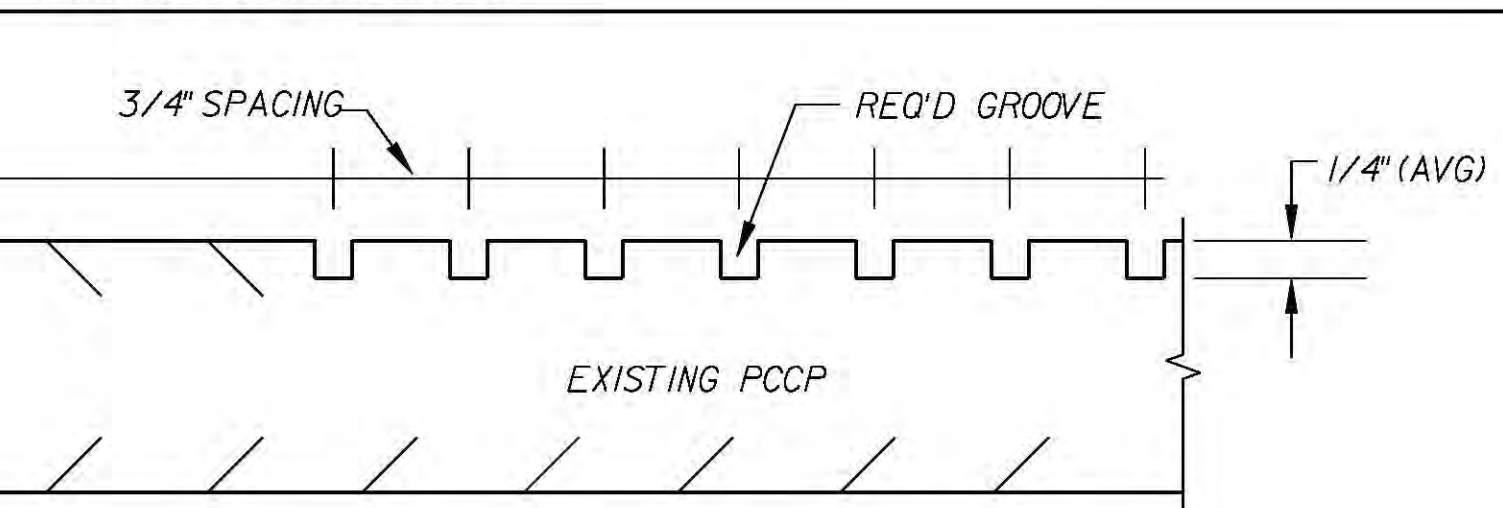
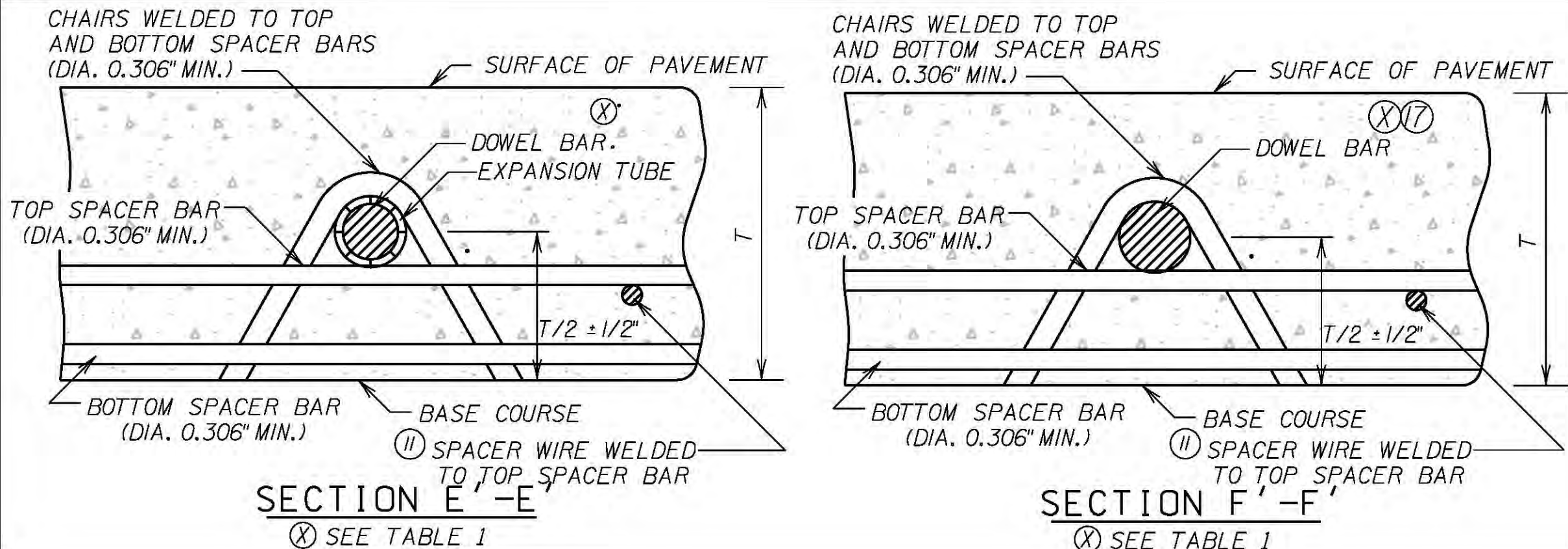
- NOTES:**
- (A) IF FAULT IS OVER 1/2", REMOVE AND REPLACE THE FAULTED AREA WITH A FULL DEPTH PATCH.
 - (B) ALL GRINDING TO BE DONE PRIOR TO SEALING.
 - (C) ALL WORK ON THIS DETAIL TO BE PAID FOR UNDER ITEM 602-09, GRINDING ISOLATED JOINTS.
- | FAULT DISTANCE | FEATHERING DISTANCE |
|----------------|---------------------|
| 1/4" | 5' |
| 3/8" | 7.5' |
| 1/2" | 10' |



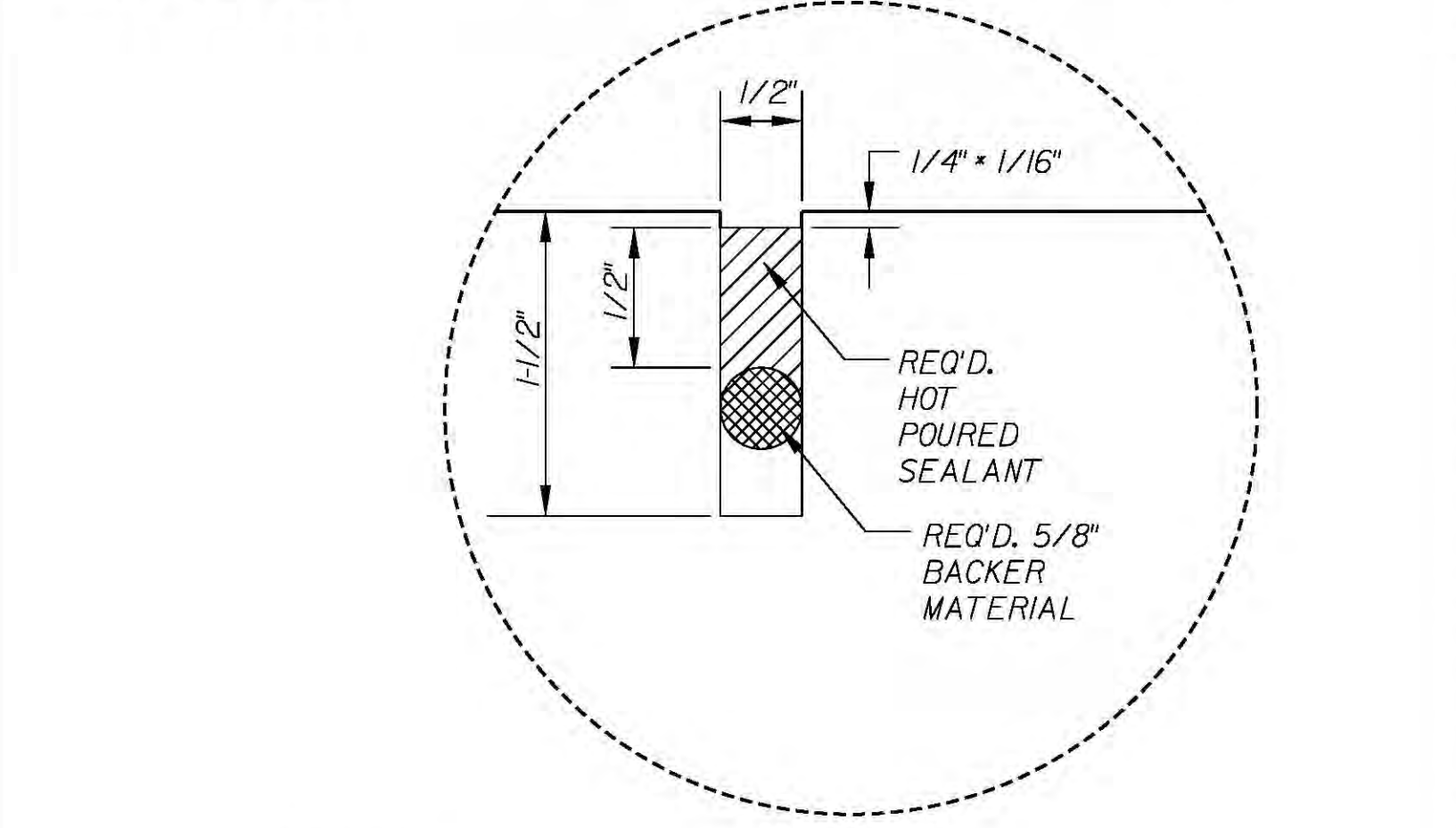
- SECTION W-W
PATCH AT AN EXISTING TRANSVERSE CONSTRUCTION JOINT**
- SMOOTH DOWEL BARS OF THE SIZE, LENGTH AND SPACING AS SPECIFIED IN TABLE 1 SHALL BE USED. THE BARS SHALL BE PLACED IN THE EXISTING PAVEMENT BY DRILLING HOLES 1/8" LARGER THAN THE DIA. OF THE DOWEL BAR TO A DEPTH OF 1/2 THE BAR LENGTH AND FILLING THE HOLES IN ACCORDANCE WITH SECTION 601.09(B) BEFORE INSERTION OF THE DOWEL BARS. (SEE TABLE 1). GREASE BARS PRIOR TO PLACING CONCRETE PAVEMENT.



- NOTES:**
- (A) ALL WORK ON THIS DETAIL, EXCEPT THE ASPHALTIC CONCRETE OVERLAY, TO BE PAID FOR UNDER ITEMS 510-01 OR 602-05, PAVEMENT PATCHING.
 - (B) PATCH LOCATIONS TO BE AS DIRECTED BY THE PROJECT ENGINEER.
 - (C) PATCH SHALL EXTEND TO BOTTOM OF BASE COURSE BUT NOT LESS THAN THICKNESS STATED IN PAY ITEM.
 - (D) DETERIORATED BASE COURSE TO BE REMOVED AND REPLACED WITH 610 LIMESTONE WITHIN THE PATCHING LIMITS.
 - (E) DETAIL NOT TO SCALE.



- NOTES:**
- (A) ALL WORK ON THIS DETAIL, TO BE PAID FOR UNDER ITEM 602-17, PAVEMENT GROOVING.
- NOT TO SCALE**



- NOTES:**
- (A) DETERIORATED BASE COURSE TO BE REMOVED AND REPLACED WITH 610 LIME STONE, WITHIN THE PATCHING LIMITS.
 - (B) NEW TRANSVERSE JOINTS SHALL BE FORMED AND SAWED.
 - (C) BACKER MATERIAL SHALL CONSIST OF HEAT RESISTANT, CLOSED-CELL, CROSS-LINKED POLYETHYLENE OR POLYOLEFIN FOAM.
 - (D) ALL WORK ON THIS DETAIL TO BE PAID FOR UNDER ITEM 602-05, FULL DEPTH PATCHING OF JOINTED CONCRETE PAVEMENT.

**SECTION X-X
CROSS STITCHING**

REQUIREMENTS FOR CROSS STITCHING:

- REQUIREMENTS FOR CRACK OR JOINT: CHAIRS WELDED TO TOP AND BOTTOM SPACER BARS (DIA. 0.306\"/>

DIMENSIONS			
(ALL DIMENSIONS ARE IN INCHES)			
SLAB THICKNESS (T)	DEPTH OF HOLE (D)	LENGTH OF BAR	DISTANCE FROM C (d)
8	12	11	5-1/2
9	14	13	6-1/2
10	16	15	7
11	18	17	8
12	19	18	8-1/2
13	21	20	9
14	23	22	10

- NOTES:**
- (A) DIAMETER OF HOLES SHALL BE 7/8" AND SHALL BE DRILLED ON 24" CENTERS ON ALTERNATE SIDES OF CRACK. AFTER DRILLING, HOLES WILL BE FILLED WITH AN APPROVED EPOXY RESIN SYSTEM THEN NO. 6 REBAR WILL BE INSERTED. THE COLOR OF THE EPOXY SHALL APPROXIMATE THAT OF THE CONCRETE.
 - (B) CROSS-STITCHING TO BE USED ON CRACKS GREATER THAN 2" WIDE.
 - (C) LONGITUDINAL CRACK SHALL BE ROUTED AND SEALED IN ACCORDANCE WITH SUBSECTION 601.09(K) OF THE LCG STANDARD SPECIFICATIONS. SEALANT SHALL CONFORM TO SUBSECTION 1005.02(C).
 - (D) ALL WORK ON THIS DETAIL TO BE PAID FOR UNDER ITEM 602-18, CROSS STITCHING.