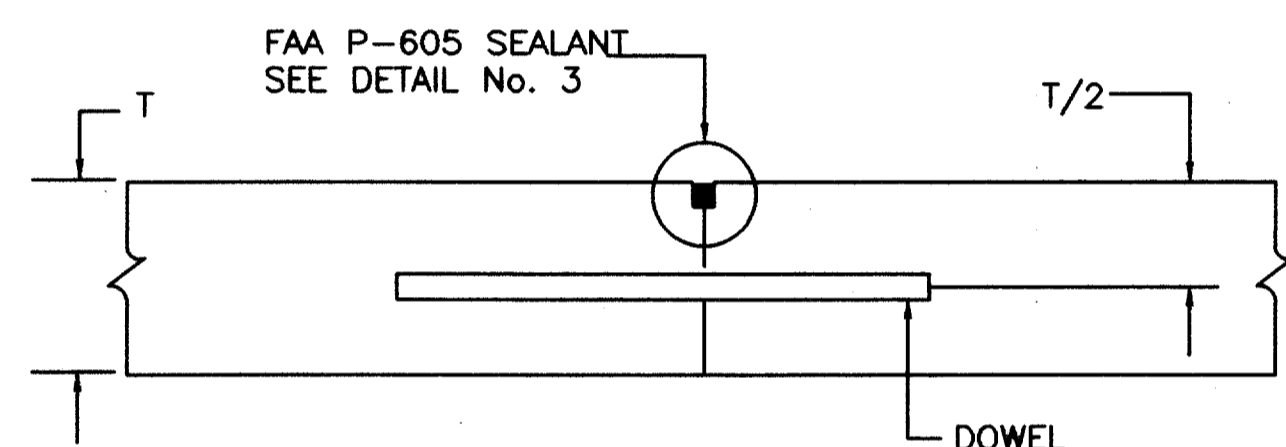


**NOTE:**

PREMOLDED JOINT MATERIAL SHALL BE NON-EXTRUDING TYPE, CONFORMING TO ASTM D 1751 - PREFORMED POLYCHLOROPRENE ELASTOMERIC JOINT SEALS FOR CONCRETE FOR CONCRETE PAVEMENT. NO CORK ALLOWED.

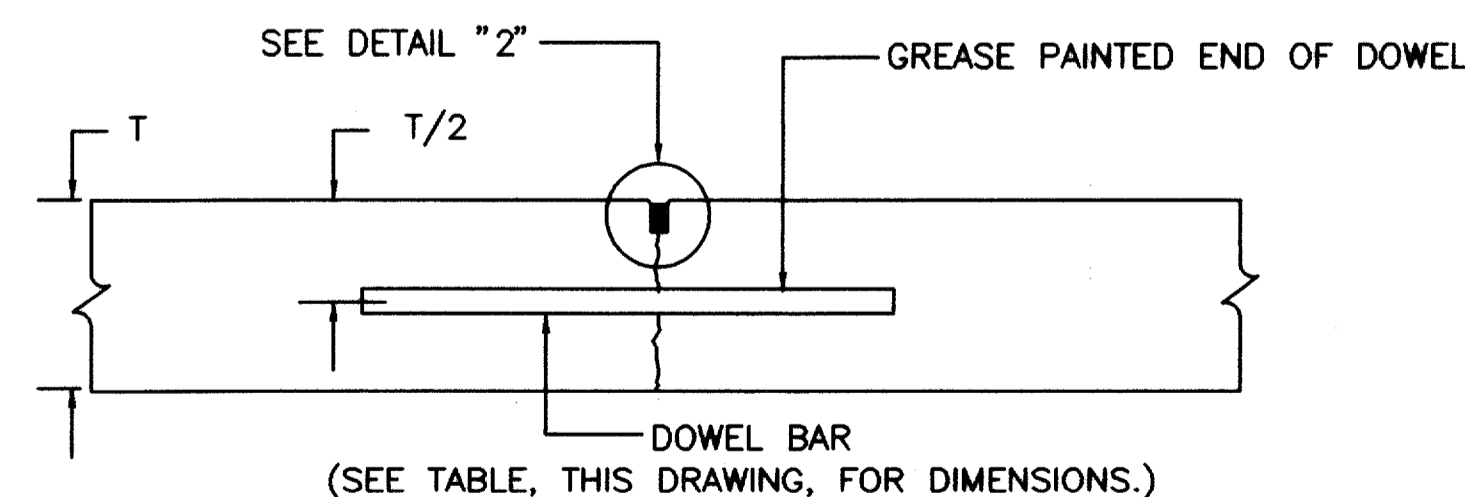
**TYPE B THICKENED EDGE EXPANSION JOINT**



**NOTE:**

- FOR TYPE (D) JOINT ABUTTING EXISTING P.C.C. PAVEMENT CONTRACTOR SHALL DRILL AND EPOXY DOWEL BAR INTO EXISTING P.C.C. PAVEMENT.
- DO NOT PLACE CLOSER THAN 15" TO TRANSVERSE JOINT.

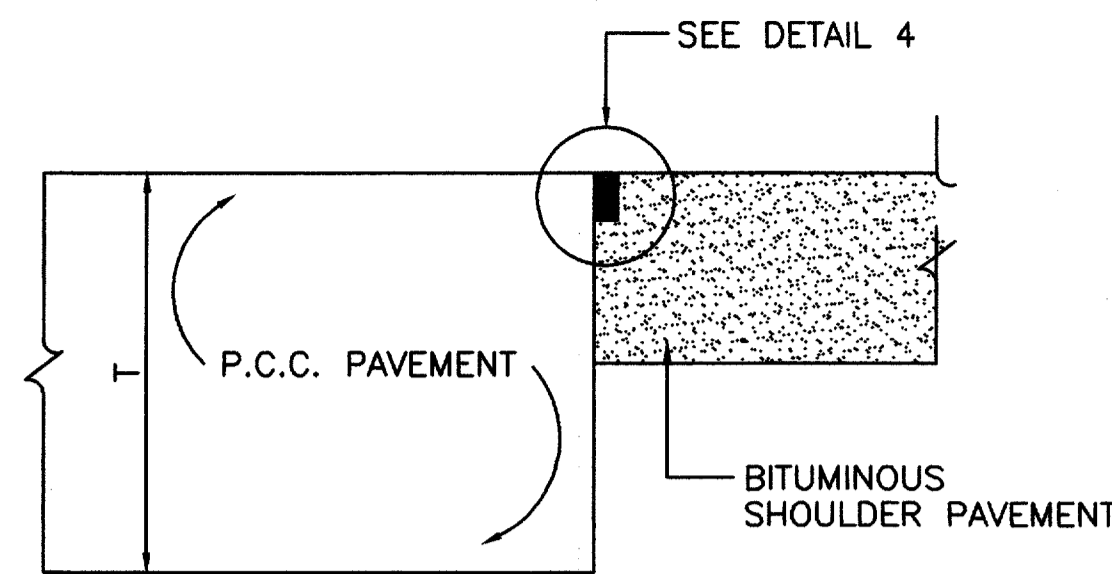
**TYPE C CONSTRUCTION JOINTS**



- DO NOT PLACE CLOSER THAN 15" TO TRANSVERSE JOINT.

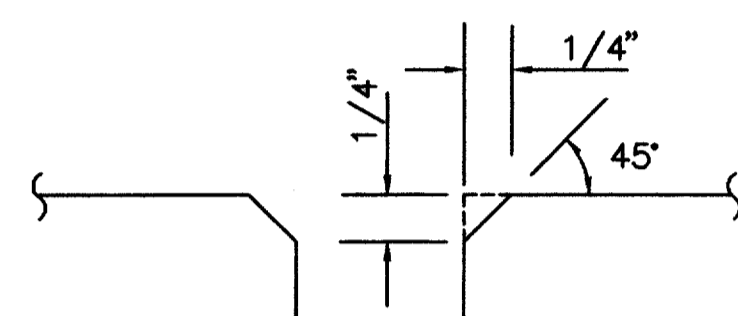
**TYPE F DOWELED JOINT**

**CONTRACTION JOINTS**

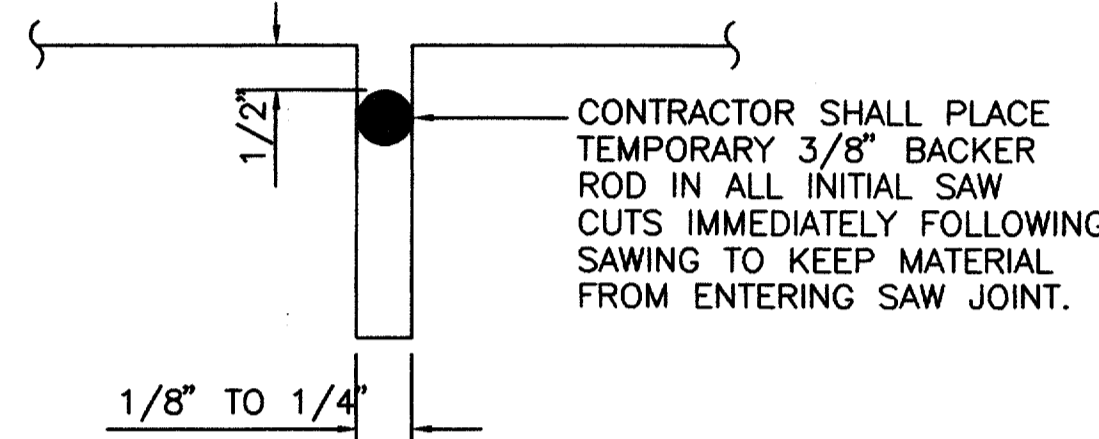


**TYPE R CONCRETE / ASPHALT CONNECTION JOINT**

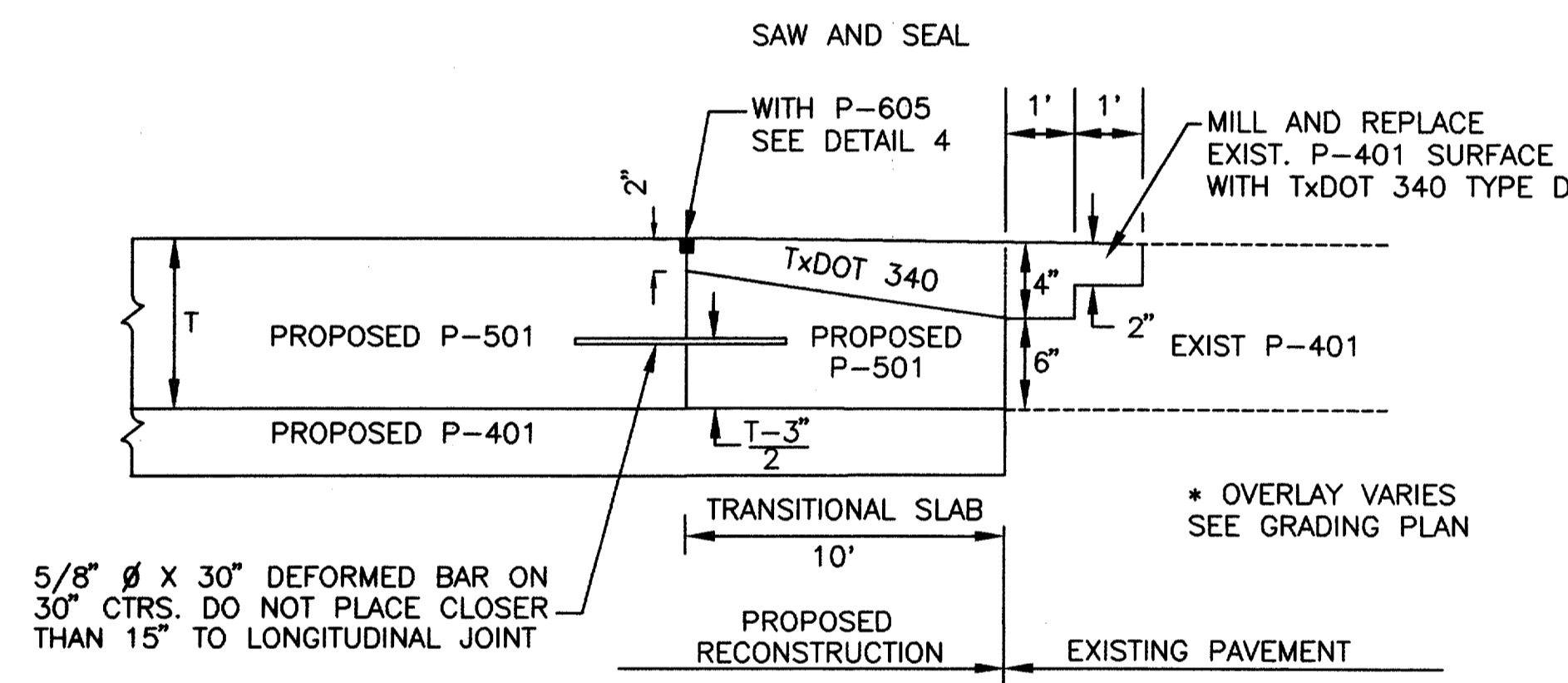
N.T.S.



**BEVELED EDGE DETAIL**

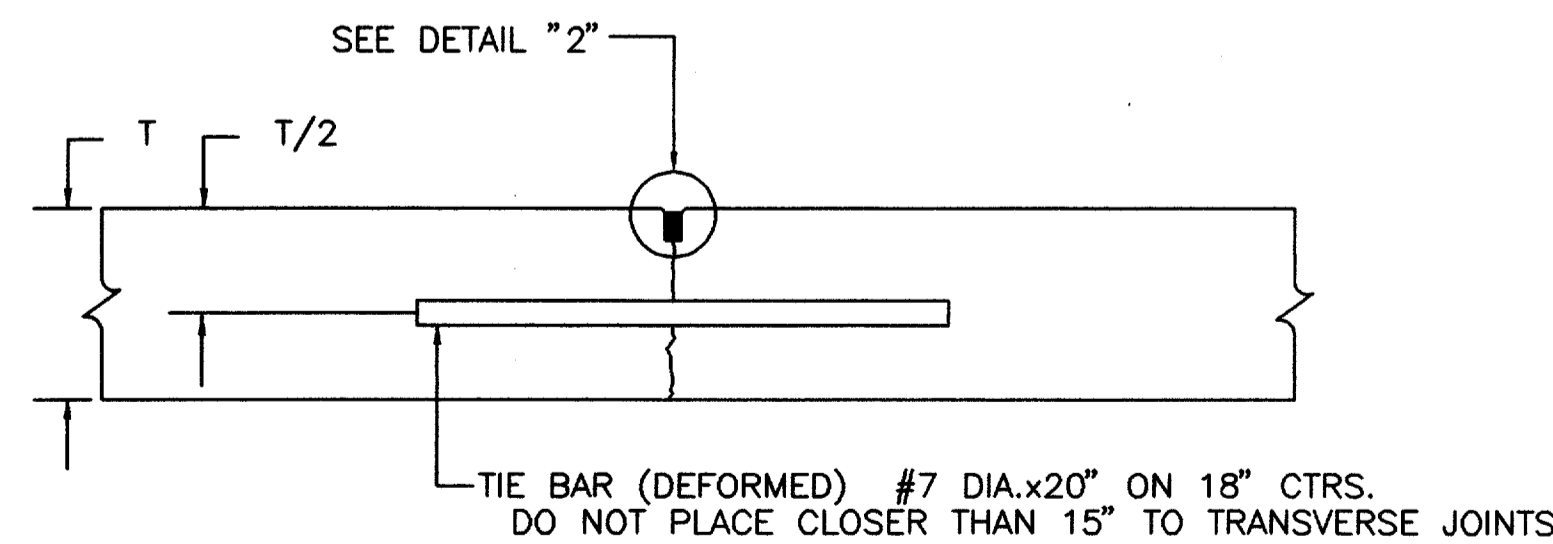


**INITIAL SAW CUT DETAIL**

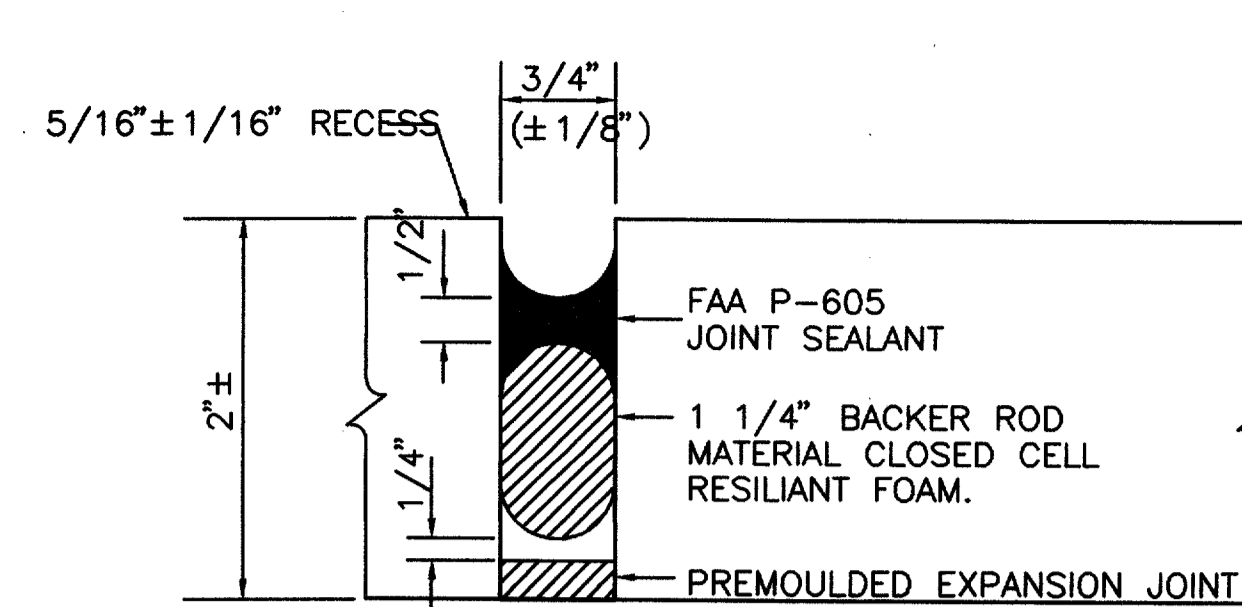


**TYPE L TRANSITION JOINT**

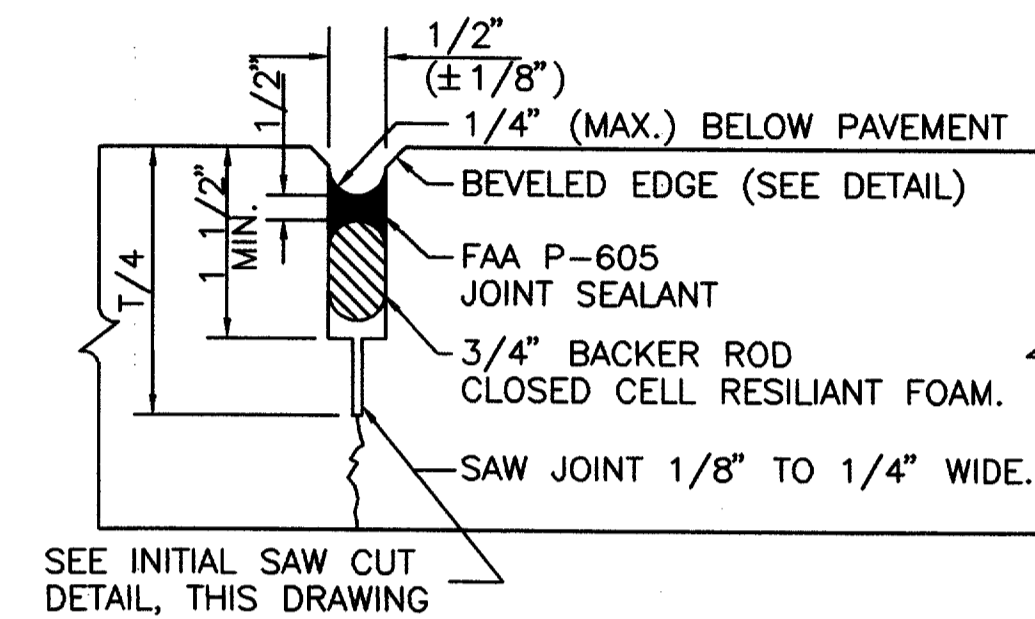
N.T.S.



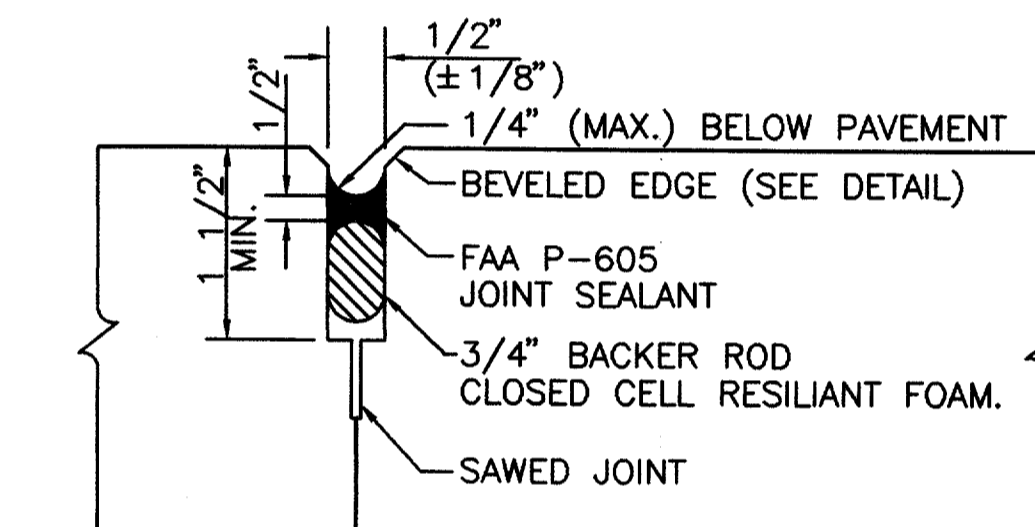
**TYPE G HINGED JOINT WITH TIE BAR**



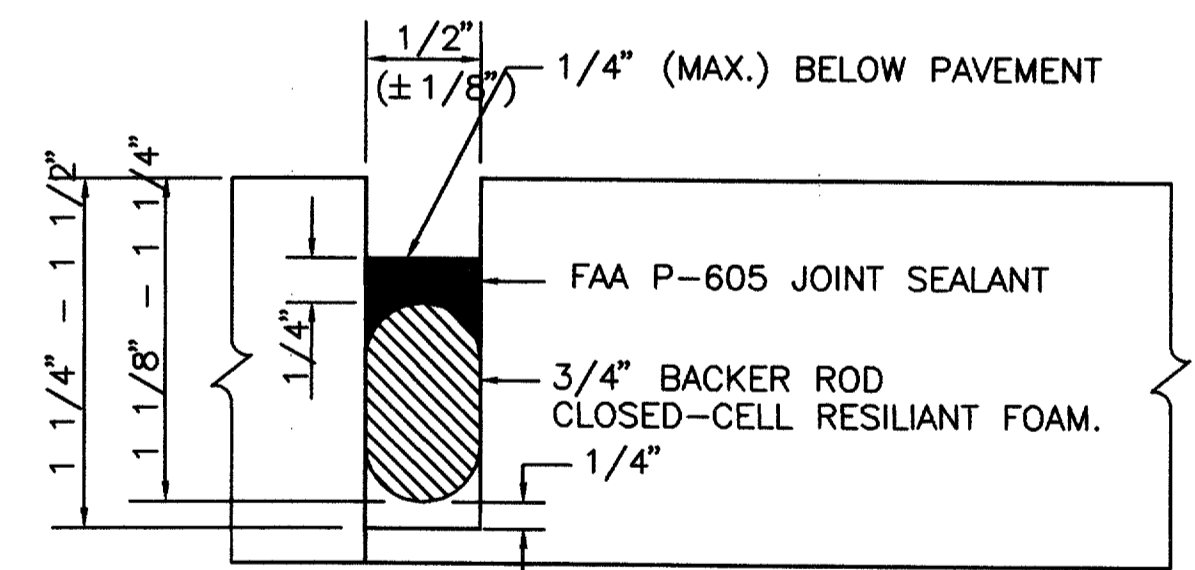
**DETAIL 1**



**DETAIL 2**



**DETAIL 3**



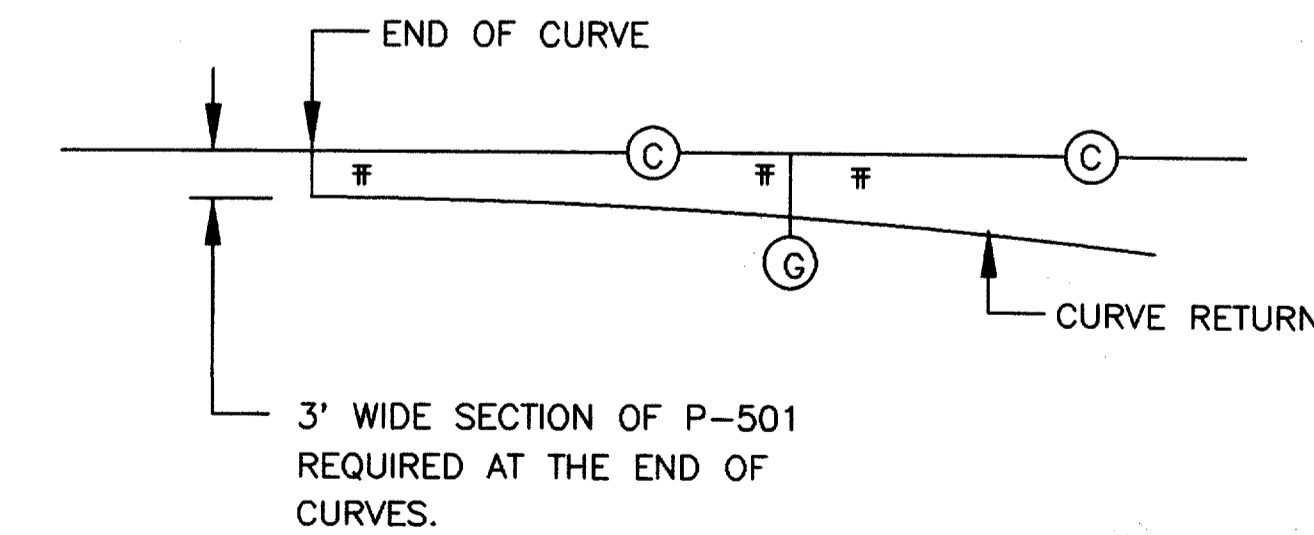
**DETAIL 4**

DIMENSIONS + SPACING OF DOWEL BARS			
THICKNESS OF SLAB (T)	DIA. (d) MIN.	LENGTH	SPACING
6" - 7"	3/4"	18"	12"
8" - 12"	1"	19"	12"
13" - 16"	1 1/4"	20"	15"
17" - 20"	1 1/2"	20"	18"
21" - 24"	2"	24"	18"

DOWEL BAR INSTALLATION DEVICE (WIRE CAGE OR BASKET) AND METHOD OF ANCHORING INTO POSITION SHALL BE APPROVED BY THE ENGINEER.

**GENERAL NOTES:**

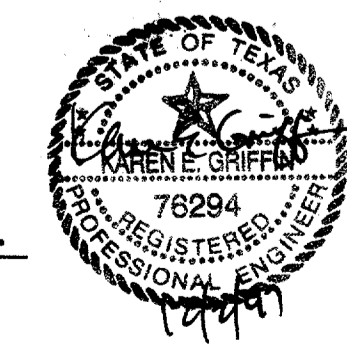
- ALL JOINT CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH F.A.A. SPEC P-501 AND P-605 OR AS NOTED.
- ALL MATERIALS AND WORK REQUIRED FOR JOINTS ARE INCIDENTAL TO ITEM P-501.
- DOWELS SHALL BE SHOP PAINTED WITH ONE COAT OF LEAD OR TAR PAINT AND THE FREE HALF GREASED IN THE FIELD WITH A HIGH MELTING POINT GREASE.
- THE MATERIALS AND METHODS SHOWN ON THIS DRAWING ARE THE MINIMUM REQUIREMENTS. OTHER MATERIALS AND METHODS MAY BE USED IF APPROVED BY THE ENGINEER.
- ALL JOINTS SHALL BE SEALED IN ACCORDANCE WITH F.A.A. SPEC. P-605 OR AS NOTED.
- EDGES OF SLAB SHALL BE SPRAYED WITH AN APPROVED CURING MATERIAL BEFORE MAKING ADJACENT POUR. A TRANSVERSE CONSTRUCTION JOINT SHALL BE INSTALLED WHEN PAVING OPERATIONS ARE INTERRUPTED FOR MORE THAN 30 MINUTES OTHER THAN AT EXPANSION JOINTS OR END OF SLAB. SEE TYPE "C" JOINT DETAIL. IF THE INTERRUPTION IS LESS THAN 8 FEET FROM A PLANNED JOINT THE FRESH CONCRETE SHALL BE REMOVED EITHER BACK TO THE PREVIOUSLY INSTALLED JOINT OR TO A POINT 8 FEET MINIMUM FROM THE NEXT PLANNED JOINT.
- ALL CONSTRUCTION JOINTS THAT ARE NOT OPEN AND FREE OF FOREIGN MATERIAL TO THE FULL WIDTH AND DEPTH SHALL BE CLEANED BY SAWING FULL WIDTH AND DEPTH.
- THIS STANDARD PLAN CONFORMS TO AND AUGMENTS F.A.A. AC 150/5370-10, STANDARDS FOR SPECIFYING CONSTRUCTION OF AIRPORTS, AND AC 150/5320-6C, AIRPORT PAVEMENT DESIGN AND EVALUATION.
- THE CONTRACTOR SHALL MAKE SPECIAL PROVISIONS TO KEEP THE FINISH CONCRETE SURFACE FREE OF FOREIGN MATERIAL (I.E. AGGREGATE, OILS, ETC.) THROUGHOUT THE PROJECT. SWEEPERS, VACUUM TRUCKS, ETC. SHALL BE UTILIZED AS NECESSARY BY THE CONTRACTOR AND / OR AS DIRECTED BY THE RESIDENT ENGINEER TO MAINTAIN THIS PROVISION.
- TWO PART DOWELS MAY BE ALLOWED FOR TYPE C JOINT UNDER THE FOLLOWING CONDITIONS:
  - THE DOWEL MUST BE APPROVED BASED ON SHOP DRAWINGS SUBMITTED TO THE ENGINEER.
  - THE CONTRACTOR MUST DEMONSTRATE ON THE FIRST DAY OF PAVING THAT THE METHOD OF INSERTION INTO THE FRESH CONCRETE WILL RESULT IN THE CORRECT SPACING AND ALIGNMENT OF THE DOWEL. THE INSERTION METHOD SHALL NOT RESULT IN EXCESSIVE EDGE SLUMP. IF THE CONTRACTOR CANNOT SATISFACTORILY INSERT THE DOWELS TO THE CORRECT LINE AND GRADE ON THE FIRST DAY OF PAVING, THEN THE CONTRACTOR SHALL DRILL AND EPOXY THE DOWELS FOR THE REMAINDER OF THE PAVING OPERATION.



**DETAIL 'B'**

**CURVE RETURN TIE-IN DETAIL**

N.T.S.



**AS BUILT**  
1-11-99

DESIGN: T.L.T.	TXDOT NO. 9842 ADDSN		
DRAWN: J.R.H.	BID NO. 98-04		
CHECKED: R.I.B.	JOB NO. E708024.80	Date	Revisions
SCALE: N.T.S.			By

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Engineers, Architects  
and Planners



**ADDISON AIRPORT**

**JOINT LAYOUT DETAILS**