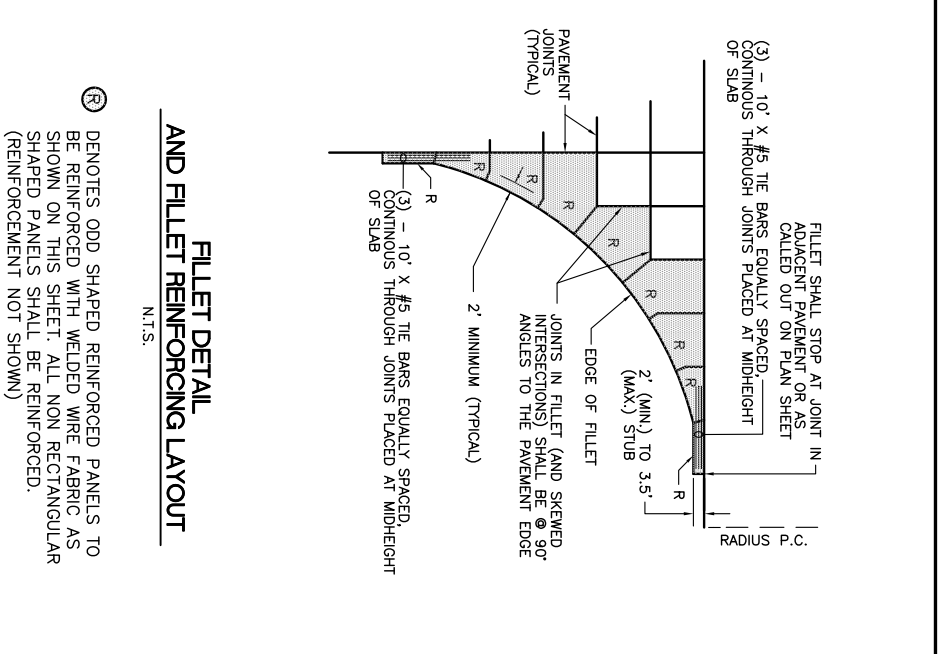
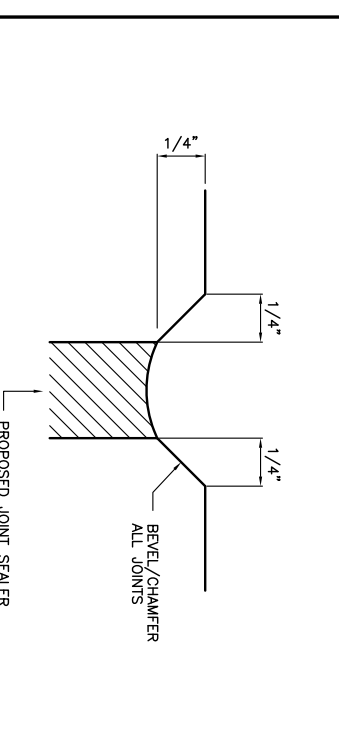
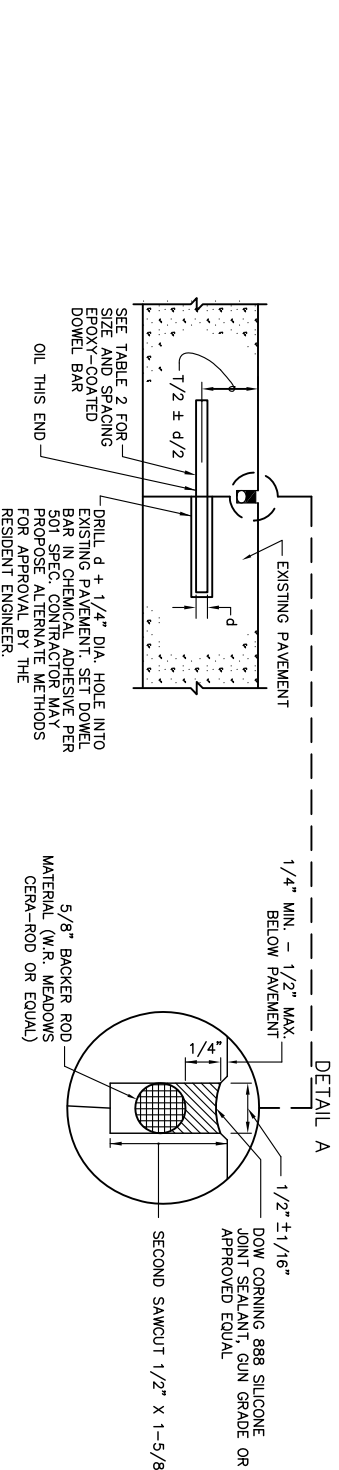
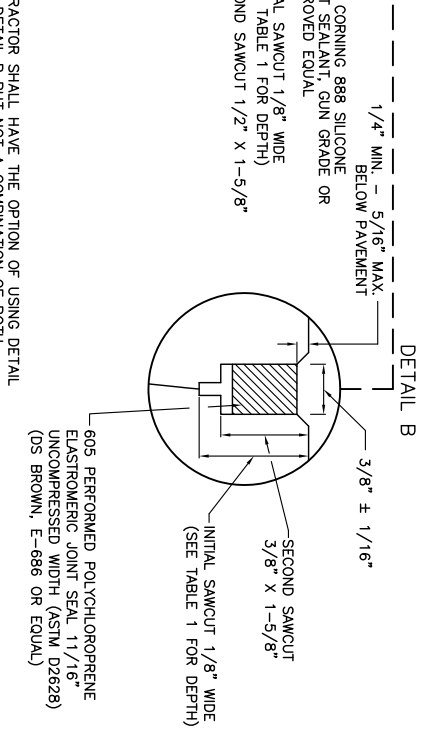
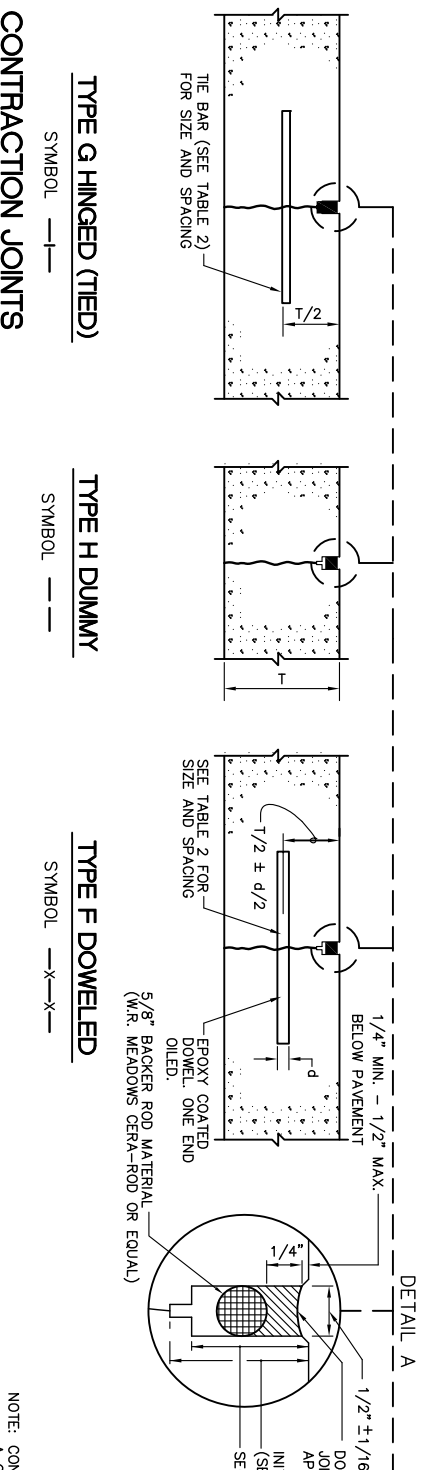


**JOINT NOTES**

- ALL EDGES OF NEW SLABS, FREE STANDING OR CLOSURE, SHALL BE EDGED WITH AN APPROVED TOOL HAVING A RADIUS OF 1/8" TO 1/4" TO FACILITATE SAWING OF THE SEALANT RESERVOIR. A RADIUS > 1/4" WILL NOT BE ACCEPTABLE.
- THE INITIAL SAWCUT FOR ALL LONGITUDINAL AND TRANSVERSE CONTRACTION JOINTS SHALL BE SAWS AS SOON AS POSSIBLE AFTER CONSTRUCTION OF JOINTS ADJACENT TO THE THICKENED EDGES SHALL BE GIVEN PRIORITY OVER OTHER LONGITUDINAL JOINT SAWING.
- ALL DOWEL BARS SHALL BE SECURELY HELD IN PLACE BY MEANS OF 420L5 JOINTS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, MINIMUM SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, PAVEMENT LANS, THE DOWEL BAR ASSEMBLIES OR MECHANICAL METHOD SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- ALL THE BARS AND WESH SHALL BE SECURELY HELD IN PLACE BY SUPPORT PINS OR PLACED BY OTHER APPROVED METHODS TO PREVENT SLIPPING DURING AND AFTER CONCRETE PLACEMENT.
- THE BARS SHALL BE DEFORMED BARS IN CONFORMANCE WITH ASTM A615 OF ASTM A616, EXCEPT THAT RAIL STEEL BARS, GRADE 50 OR 60 SHALL NOT BE USED FOR THE BARS THAT ARE TO BE BENT OR RESTRAIGHTEND DURING CONSTRUCTION. THE BARS DESIGNATED AS GRADE 40 IN ASTM A615 CAN BE USED FOR CONSTRUCTION REBAR/DOWEL BARS.
- THE INITIAL SAWCUT SHALL BE MADE TO THE 1/8" WIDTH INDICATED. INITIAL SAWING TO THE DIMENSION OF THE SECOND SAWCUT WILL NOT BE ALLOWED.
- JOINTS SHALL BE DRY AND CLEAN BEFORE SEALING OPERATIONS BEGIN.
- COST OF ALL JOINT SAWING, CLEANING AND SEALING OF NEW CONCRETE PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE ASSOCIATED PAY ITEM AND NO SEPARATE PAYMENT SHALL BE MADE.
- SHOULD THE POURING OPERATIONS REQUIRE THE INSERTION OF AN INTERMEDIATE HEADER, A DOWEL BASKET ASSEMBLY SHALL BE REQUIRED.
- DOWEL BASKET ASSEMBLIES MEETING DOT APPROVAL, MAY BE PROPOSED BY THE CONTRACTOR TO BE APPROVED BY THE ENGINEER, DOWELS IN THE APPROVED BASKET ASSEMBLIES SHALL CONFORM TO TABLE 2.
- CONTRACTOR SHALL CONSTRUCT A 3/4" CHAMFER ON ALL CONCRETE JOINTS PER THE DETAIL ON THIS SHEET, AT NO ADDITIONAL COST.

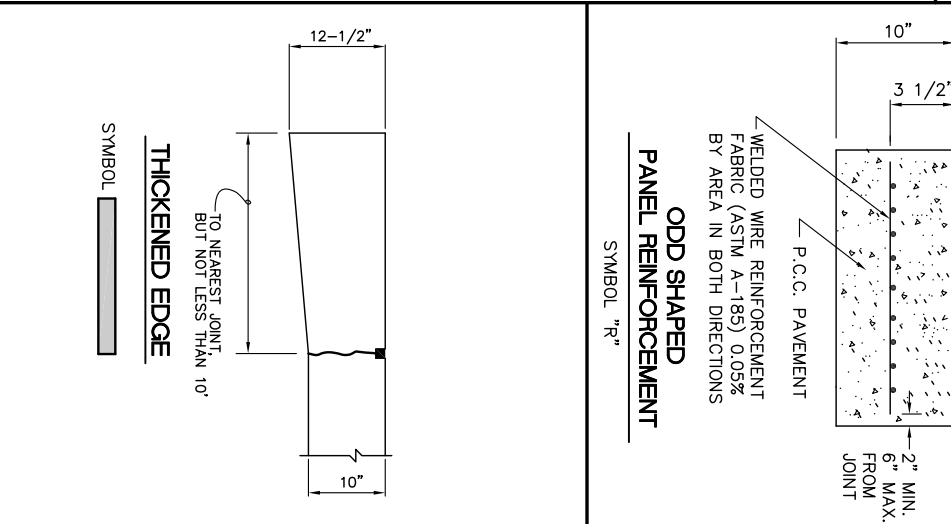
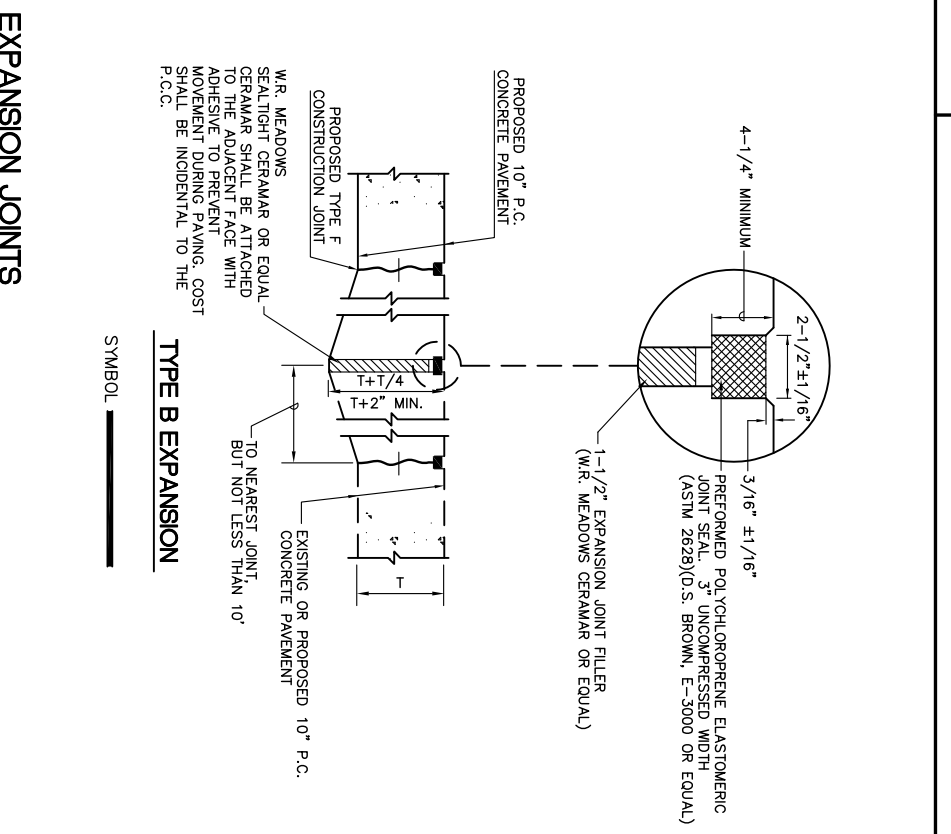


**TABLE 1**

PAVEMENT THICKNESS T - INCHES	DEPTH OF CONTRACTION JOINT INITIAL SAW CUT T INCHES	2.5"
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**TABLE 2**

PAVEMENT THICKNESS T - INCHES	DOWEL BAR DETAILS	TIE BAR DETAILS	SPACING
10	1"	#5	30"



**CHICAGO EXECUTIVE AIRPORT  
WHEELING/PROSPECT HEIGHTS, ILLINOIS  
CONSTRUCT PARTIAL PARALLEL TAXIWAY ECHO AND  
PARTIAL OVERLAY OF TAXIWAY ECHO**

**PAVEMENT JOINTING DETAILS**

DESIGN BY: MLK	CHECKED BY: MLK	DATE: 04/22/11
DRAWN BY: JRO	APPROVED BY: DLP	JOB No: 08290-08
ILLINOIS PROJECT: PWK-3244 A.I.P. PROJECT: 3-17-0018-B32		

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UPDATE BY: mhz  
SURVEY BOOK #  
DATE: Fri 4/11/11 9:13am  
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