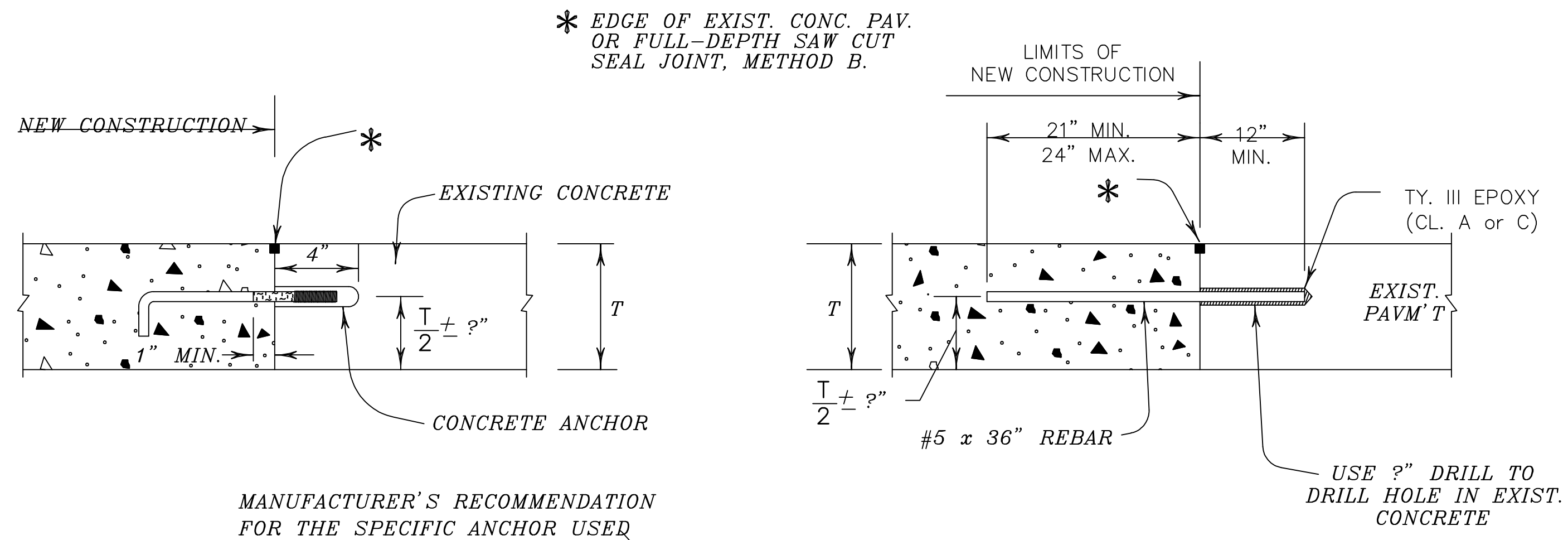
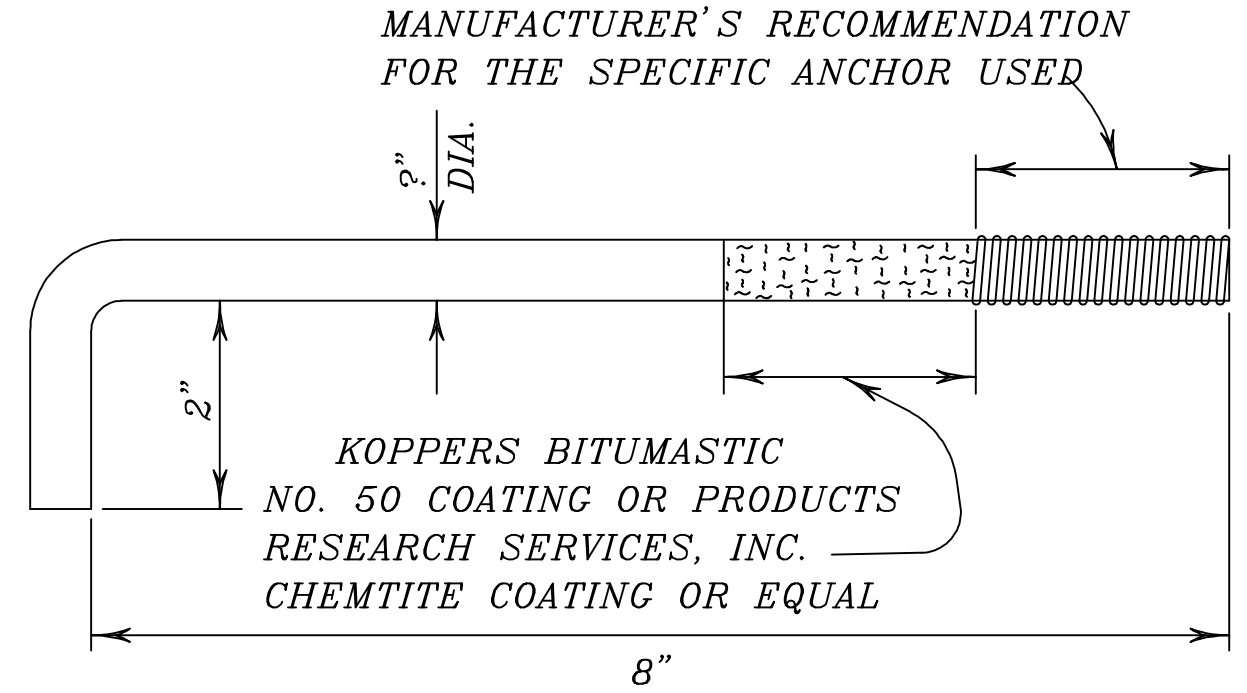


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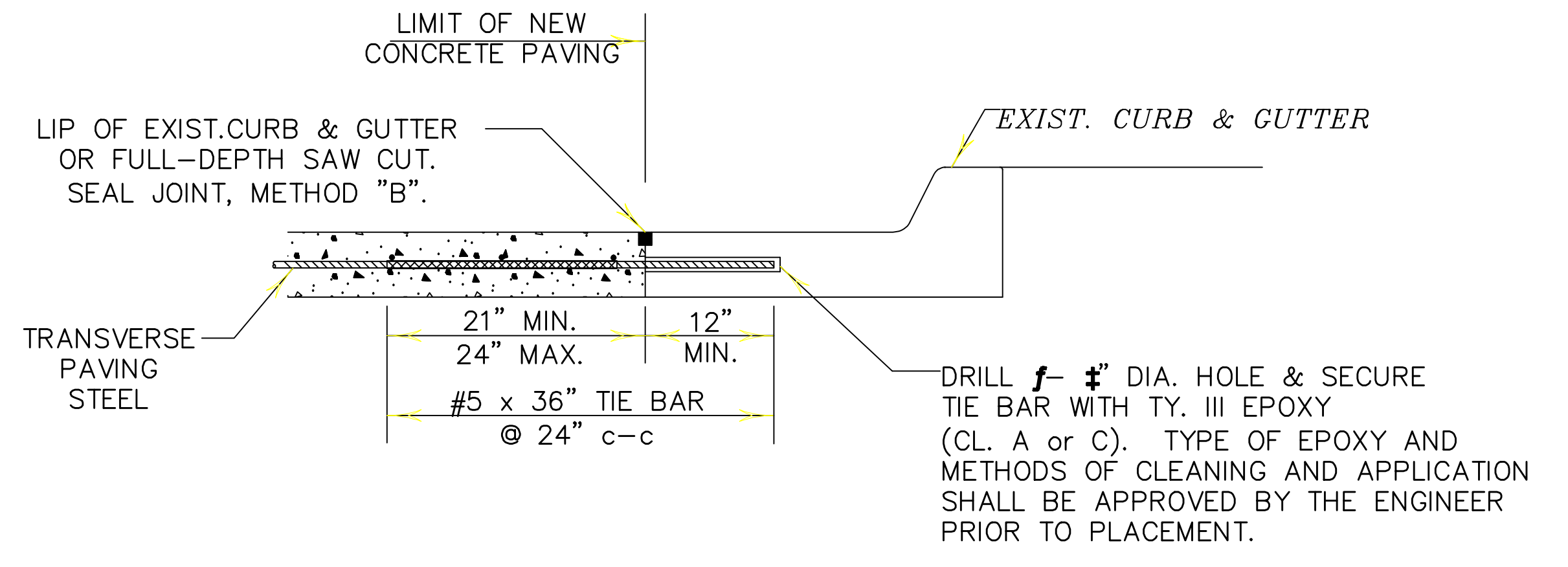


TIE BAR

1. EITHER THE HOOK TIE BOLT OR THE TIE BAR MAY BE USED TO PROVIDE LOAD TRANSFER FOR LONGITUDINAL JOINTS.
2. THE SPACING FOR EITHER TIE BARS OR HOOK TIE BARS BOTH IS 24" C-C.
3. SEE JS-03 (FW), METHOD "B" FOR JOINT SEALING DETAILS.
4. THIS DETAIL DOES NOT APPLY TO NEW CONSTRUCTION, STAGE CONSTRUCTION, OR BLOCKOUT (SEE CPCR STANDARDS)



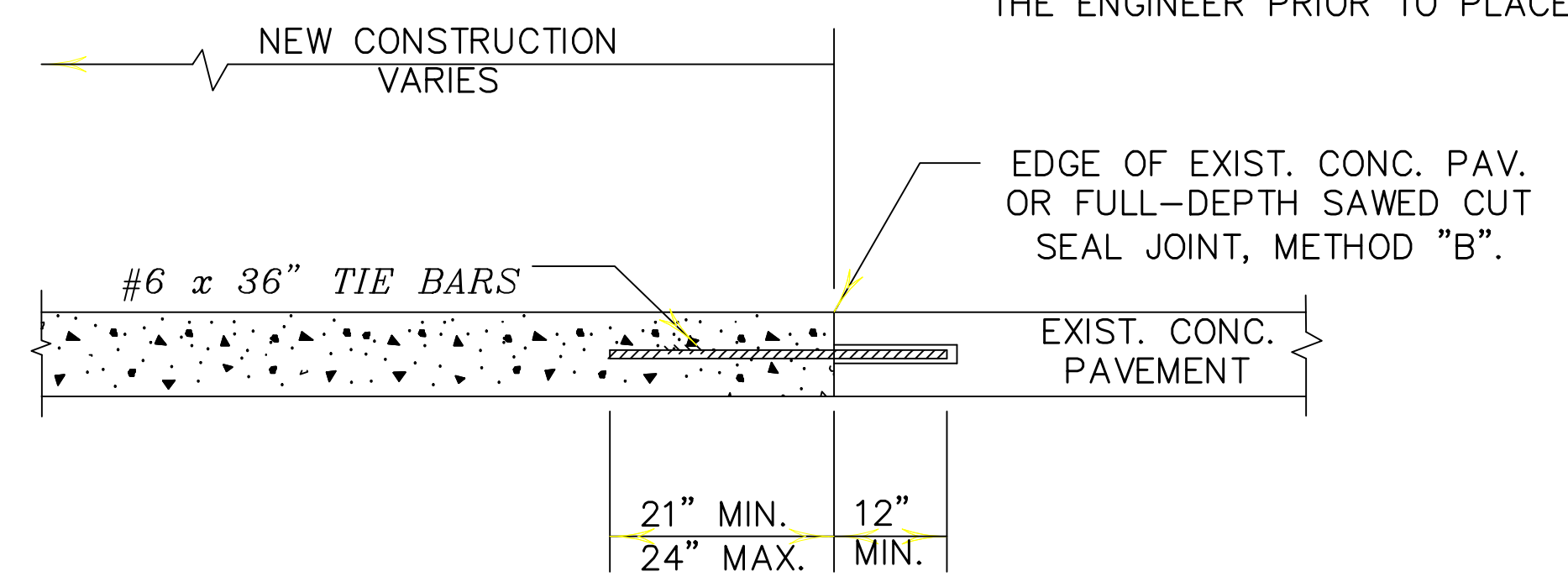
**HOOK TIE BOLT
TIE TO EXIST. CONC. PAVEMENT
(LONGITUDINAL JOINTS)**



TIE TO EXIST. CONC. CURB & GUTTER

NOTE: SAWING OF PAVEMENT AND REMOVAL OF EXISTING CONC. WILL NOT BE PAID FOR DIRECTLY, BUT WILL BE SUBSIDIARY TO THE VARIOUS BID ITEMS.

DRILL 1/2" DIA. HOLE & SECURE TIE BARS WITH TY. III EPOXY (CL. A or C). TYPE OF EPOXY AND METHODS OF CLEANING AND APPLICATION SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT.

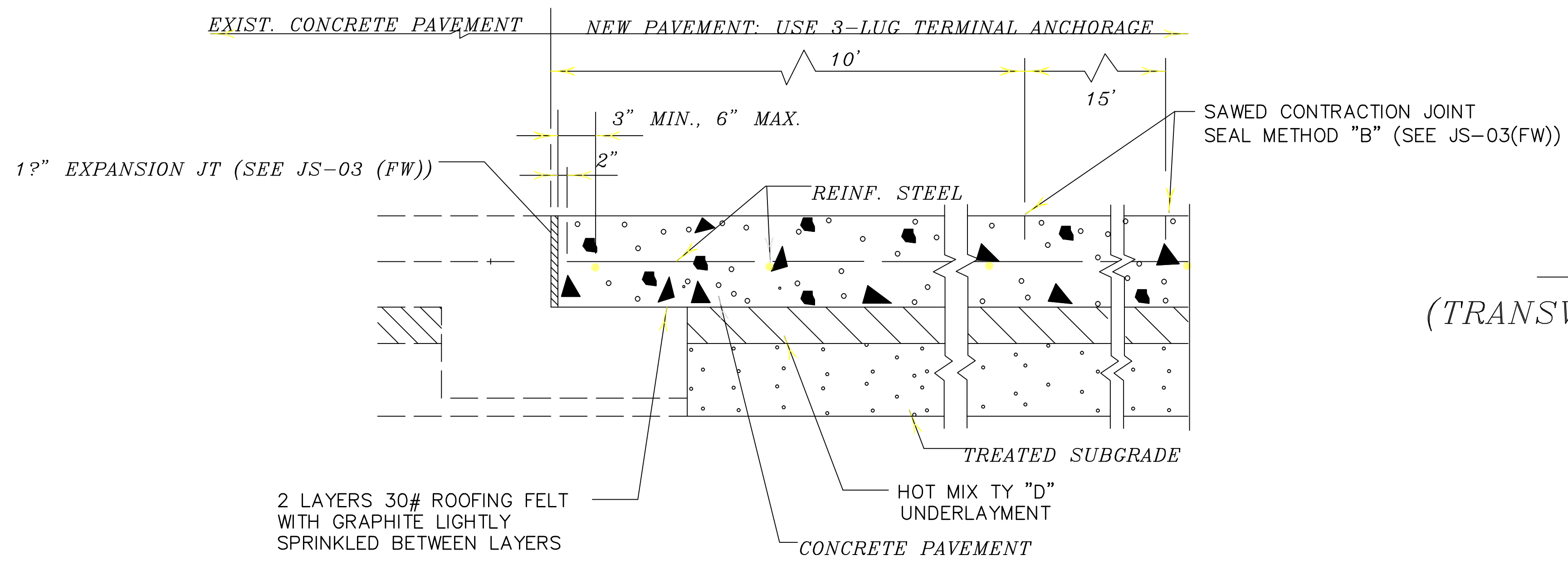


TIE BAR SPACING

PAVEMENT THICKNESS	BAR SPACING
8"	12"
9"	10"
10"	8.5"
11"	7"
12"	6"
>12"	6"

**TIE TO EXIST. CONC. PAVEMENT
(TRANSVERSE JOINTS W/O EXISTING "SLEEPER" SLAB)**

NOTE: DETAILS SHOWN APPLY WHEN MULTIPLE-PIECE TIE BARS HAVE NOT BEEN INCLUDED IN THE PREVIOUS CONCRETE PLACEMENT



**TIE TO EXIST. CONCRETE PAVEMENT
(TRANSVERSE JOINTS W/EXISTING "SLEEPER" SLAB)**

GENERAL NOTES:

TIE BARS SHALL BE GROUTED INTO THE EXISTING CONCRETE THE MINIMUM LENGTHS SHOWN, AND MUST MEET THE REQUIREMENTS OF THE PULL-OUT TEST SPECIFIED IN ITEM 361, WHEN REQUIRED BY THE ENGINEER.

LEVELS DISPLAYED

1
2
3
4
5
6

Texas Department of Transportation Design Division Standard

CONCRETE PAVEMENT TIES TO EXISTING PAVEMENT
CP-TEP-03 (FW)

ORIG DRAW	APR 2003	FED. RD. DIV. NO.	PROJECT NO.	SHEET NO.
REVISIONS: JAN. 2008 - SPECIFY TYPE OF EPOXY 10/09 - UPDATED REFERENCES TO JS-03 (FW) 04/10 - ADDED GRAPHITE ON SLEEPER SLAB 07/10 - UPDATED REFERENCES TO JS-03(FW)				
STATE	STATE DIST. NO.	COUNTY		
TEXAS		ROCKWALL		
CONT.	SECT.	JOB	HIGHWAY NO.	
			205	

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