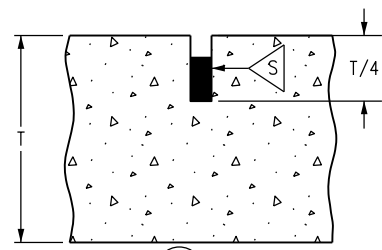


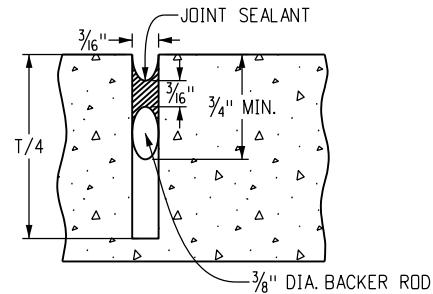
JOINT LAYOUT DETAIL

GENERAL NOTES

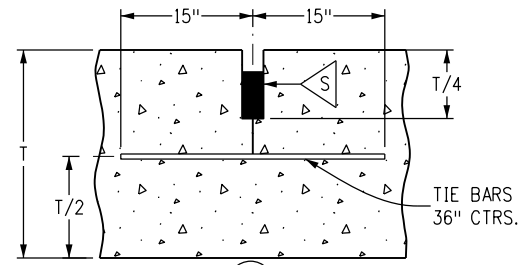
1. PAVEMENT THICKNESS, T, SHALL BE SHOWN ON THE PLANS.
2. TIE BAR SIZE SHALL BE NO. 4 AND SHALL BE EPOXY COATED.
3. THIS JOINT LAYOUT IS INTENDED TO BE USED AS A TYPICAL PLAN FOR THE JOINT LAYOUT FOR THE PROJECT. IF THE CONTRACTOR PROPOSES VARIATIONS FROM THIS TYPICAL PLAN OR THE PROJECT HAS UNUSUAL OR IRREGULAR CONDITIONS NOT COVERED HEREIN, THE CONTRACTOR SHALL PREPARE A PAVEMENT JOINT LAYOUT FOR APPROVAL BY THE ENGINEER.
4. TIED LONGITUDINAL CONSTRUCTION JOINTS (L-W) ARE ALLOWED TO FACILITATE PHASING. PROJECT SPECIFIC LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR FOR APPROVAL BY THE ENGINEER.
5. LONGITUDINAL JOINTS SHALL COINCIDE WITH LANE MARKINGS WHEN POSSIBLE.
6. CONSTRUCT TRANSVERSE JOINTS PERPENDICULAR TO THE CENTERLINE OF PAVEMENT AND EXTEND THROUGH THE CURB OR CURB AND GUTTER.
7. JOINTS SHALL NOT BE SAWED MORE THAN 6 FT. APART IN ANY DIRECTION UNLESS APPROVED BY THE ENGINEER.
8. ALL JOINTS SHALL BE SINGLE CUT AND SEALED WITH AN APPROVED JOINT SEALER.
9. THE CONTRACTOR SHALL, UNLESS OTHERWISE SHOWN ON THE PLANS, SELECT AND USE A BOND BREAKER AT INLETS, MANHOLES AND SIMILAR SIZE STRUCTURES. SMALLER STRUCTURES SUCH AS VALVE AND MONUMENT BOXES SHALL NOT REQUIRE A BOND BREAKER. SEE STANDARD PLAN M-412-1 FOR INLET AND MANHOLE JOINT DETAILS.



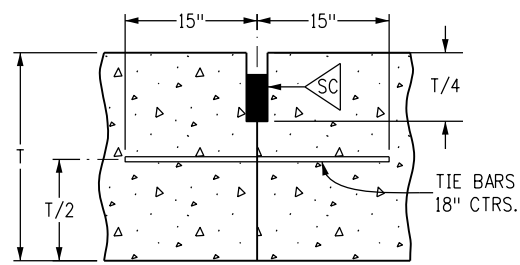
TRANSVERSE CONTRACTION JOINT
(TRANSVERSE WEAKENED PLANE JOINT)



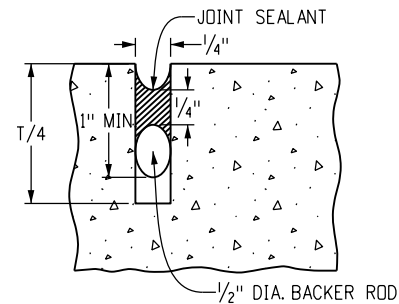
SAWED JOINT



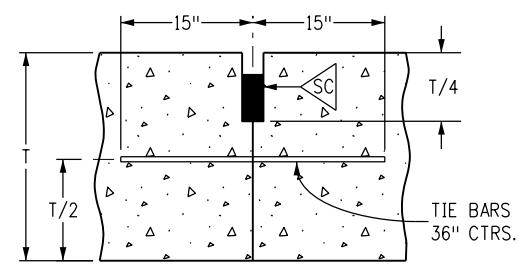
LONGITUDINAL CONTRACTION JOINT
(LONGITUDINAL WEAKENED PLANE JOINT)



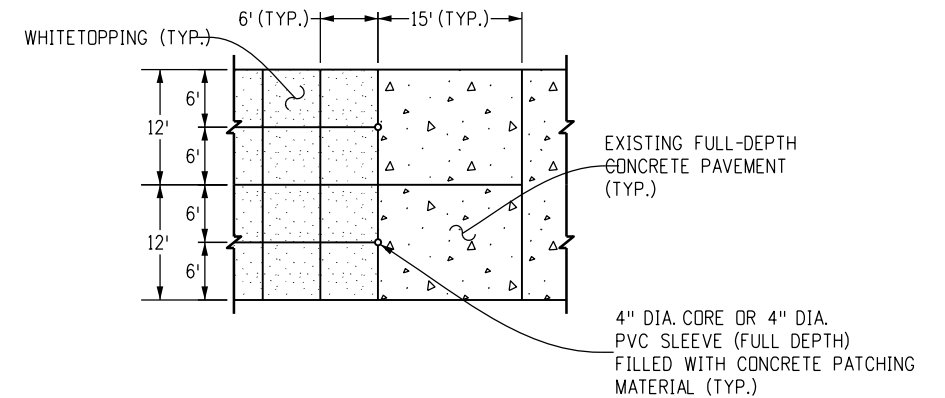
TRANSVERSE CONSTRUCTION JOINT



SEAL AT CONSTRUCTION JOINT



LONGITUDINAL CONSTRUCTION JOINT



PVC CRACK MITIGATION PLAN DETAIL FOR PAVEMENT TRANSITION JOINTS

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		THIN WHITETOPPING TYPICAL JOINT LAYOUT		Project No./Code	
Creation Date: 07/31/19		(R-X)	mm/dd/yy	XXXXXX	XXXXXX	Street Address		No Revisions: mm/dd/yy		XXXXX/XXXX	
Designer Initials: JBK		(R-X)	mm/dd/yy	XXXXXX	XXXXXX	Office location		Revised: mm/dd/yy		D-412-1	
Last Modification Date: 07/31/19		(R-X)	mm/dd/yy	XXXXXX	XXXXXX	City, CO Zip code		Sheet Number: 1 of 1		Project Sheet Number: XX	
Detailer Initials: LTA		(R-X)	mm/dd/yy	XXXXXX	XXXXXX	Phone: XXX-XXX-XXXX Fax: XXX-XXX-XXXX		Designer: XXXXXXXX			
CAD Ver.: MicroStation V8 Scale: Not to Scale Units: English		(R-X)	mm/dd/yy	XXXXXX	XXXXXX	Region, Unit		Detailer: XXXXXXXX			
		(R-X)	mm/dd/yy	XXXXXX	XXXXXX	Intials/Intials		Sheet Subset: XXXXXXXX		Subset Sheets: XXX of XXX	
								Void: mm/dd/yy			