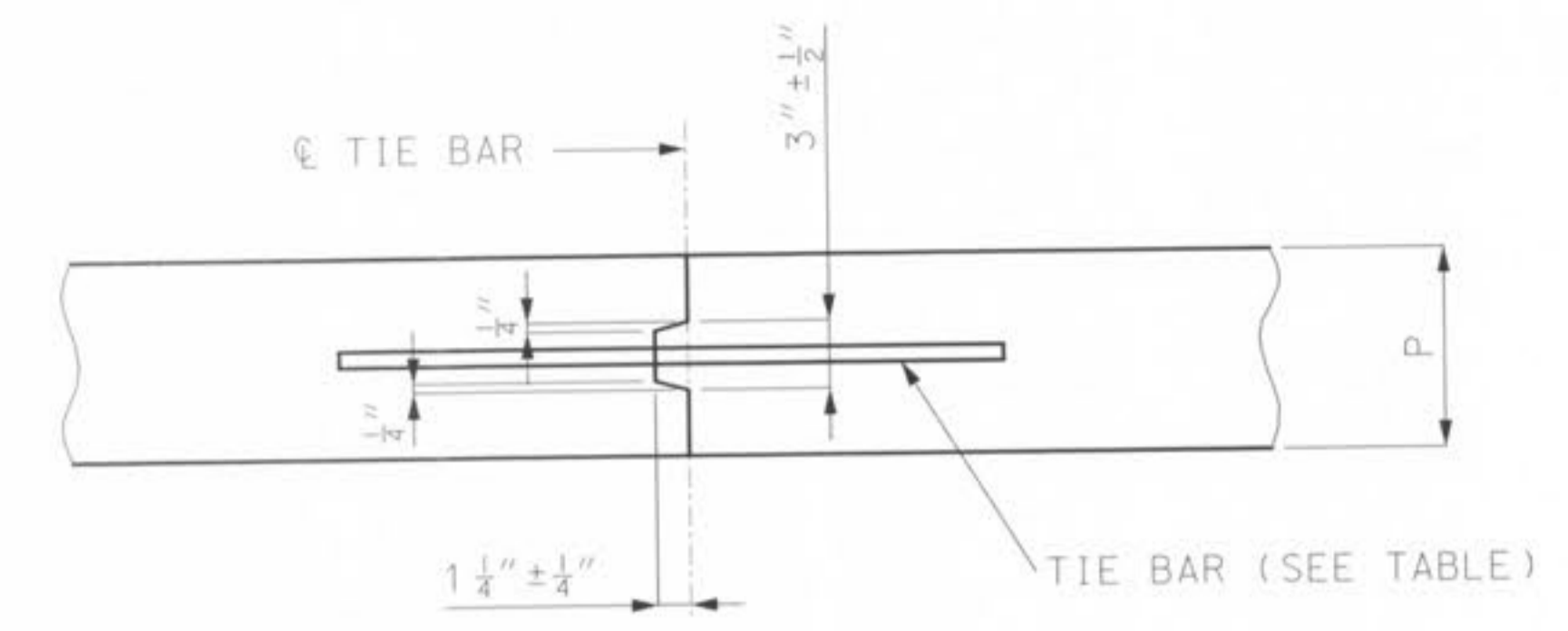
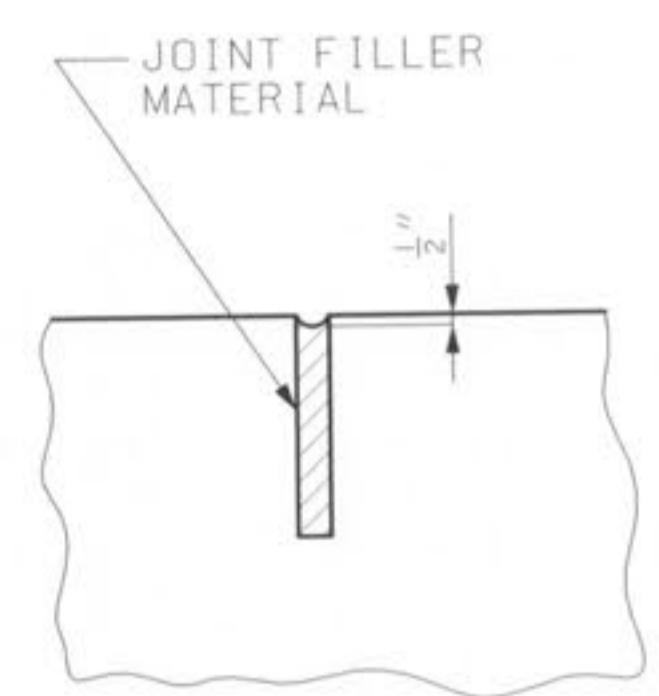


JOINT PLAN AND SPACING FOR CONTRACTION JOINTS

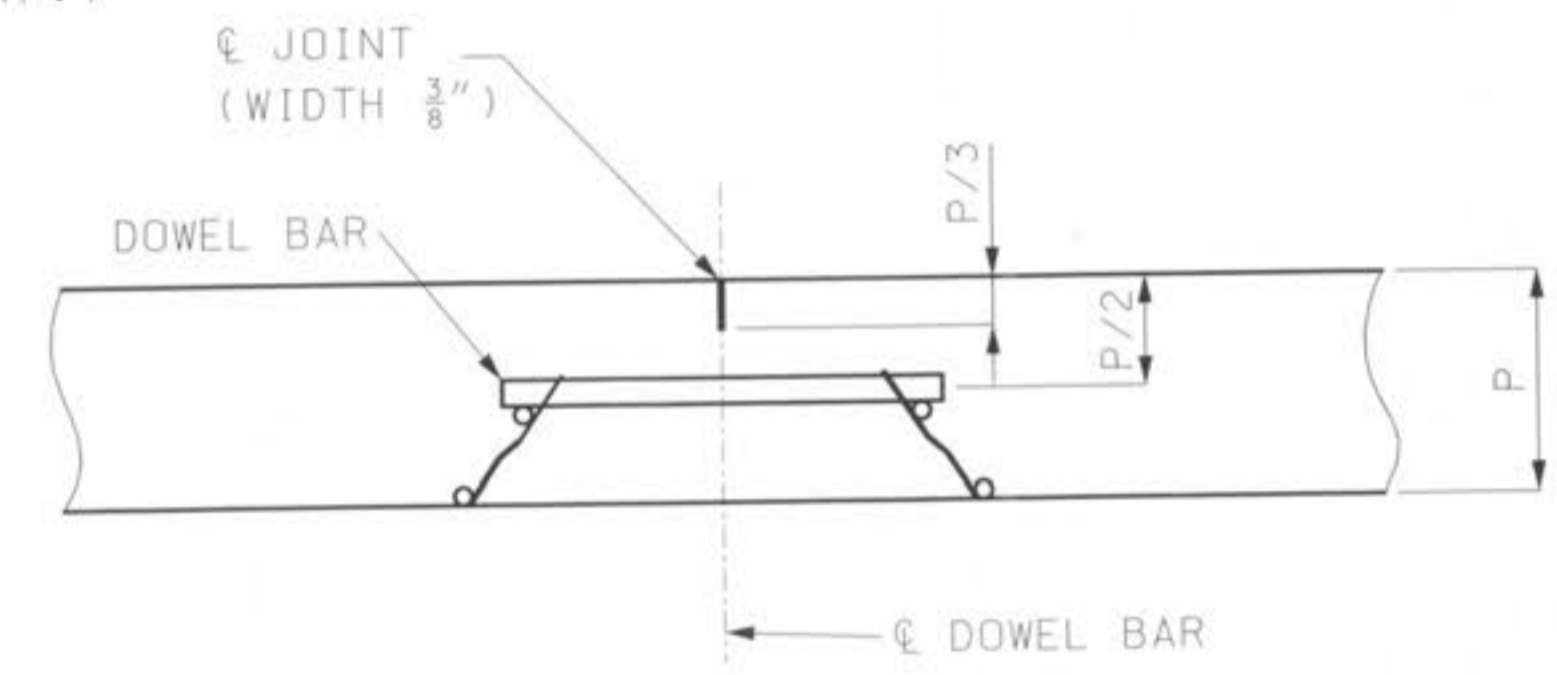


IF METAL IS USED TO FORM KEY DISCONTINUE STRIP FOR DISTANCE OF APPROXIMATELY 3" EACH SIDE OF TRANSVERSE JOINT.
 TYPE (K) REQUIRES TIE BAR.
 TYPE (M) CONSTRUCTED WITHOUT TIE BARS.
 (K) AND (M) JOINTS SHALL NOT BE SAWED.

TONGUE AND GROOVE JOINTS (K) AND (M)



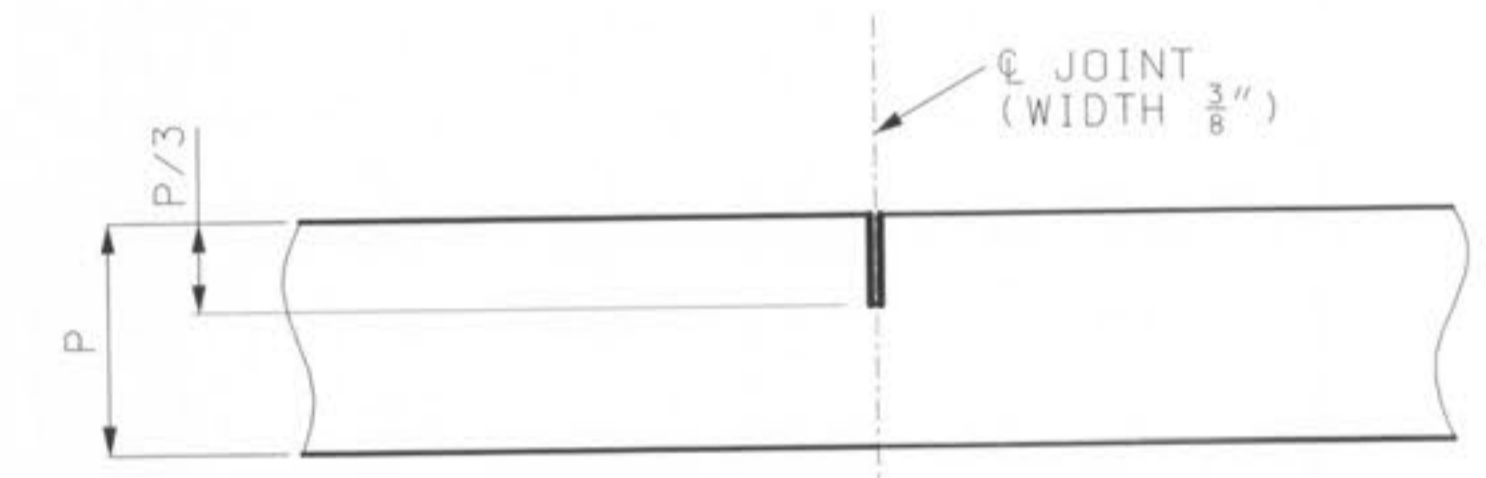
JOINT FILLER DETAIL



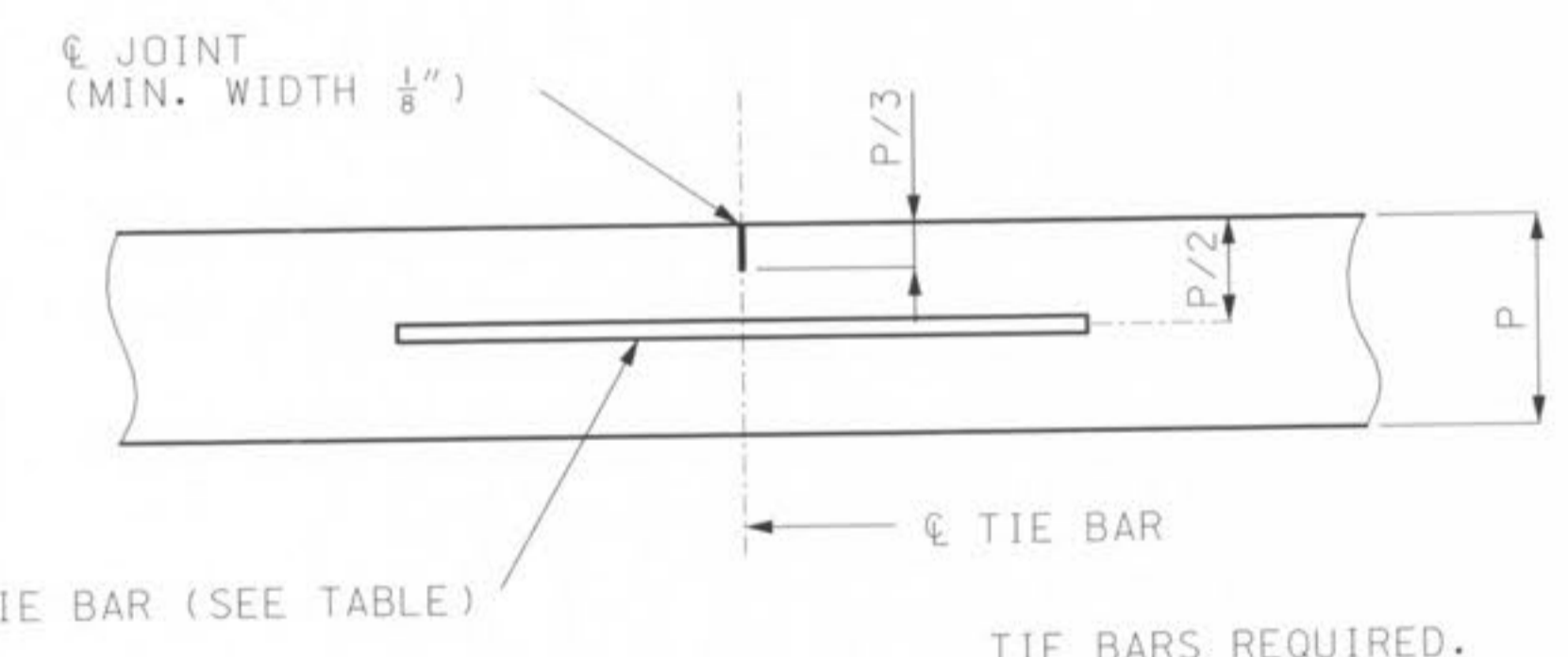
DOWELS REQUIRED. FOR PERMISSIBLE TYPES OF DOWELS SUPPORTING UNITS. SEE OTHER DRAWINGS.
 TRANSVERSE CONTRACTION JOINTS FOR CONCRETE PAVEMENT OR BASE WIDENING SHALL MATCH EXISTING JOINTS.

TRANSVERSE CONTRACTION JOINT (C1) (2)

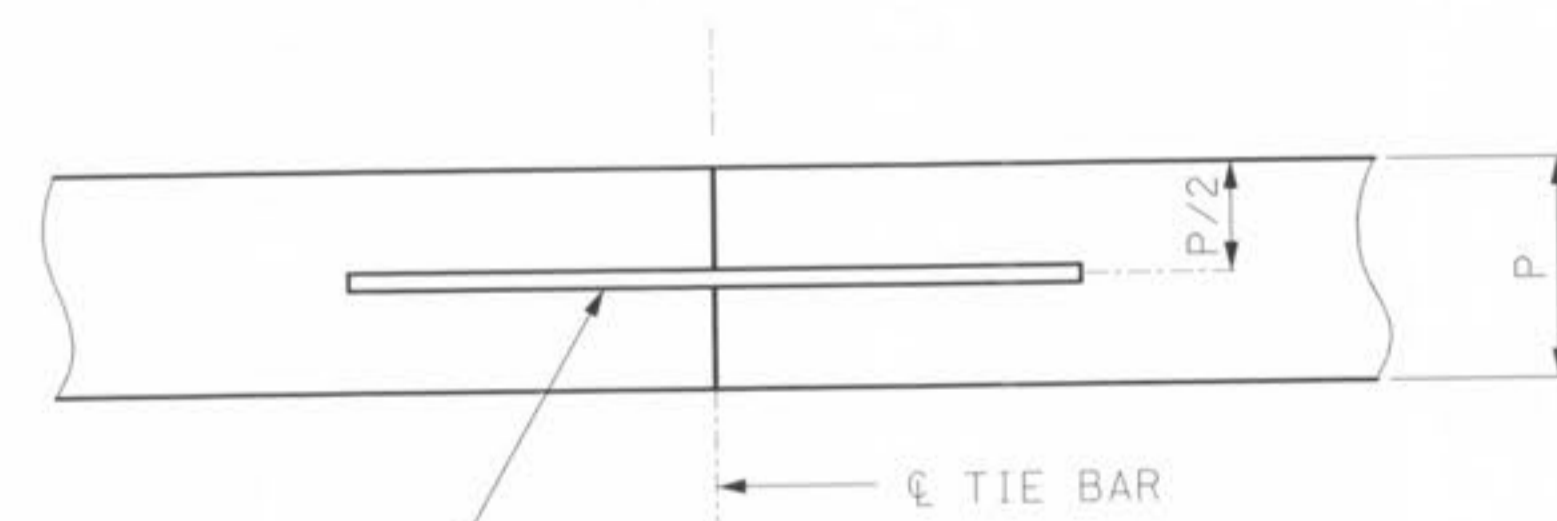
(2) DOWEL BARS ARE REQUIRED FOR ALL PAVEMENTS HAVING THE SAME THICKNESS AS THE TRAVELED WAY.



TRANSVERSE CONTRACTION JOINT (C2)



LONGITUDINAL JOINT (L1)



LONGITUDINAL CONSTRUCTION JOINT FOR NEW CONSTRUCTION (L2)

TIE BAR TABLE				
PCCP THICKNESS (P)	DOWEL SIZE	TIE BAR SIZE	DOWEL SPACING	TIE BAR SPACING
10" OR LESS	1 1/4" X 18"	#5 X 30"	12" CTR.-CTR.	30" CTR.-CTR.
GREATER THAN 10"	1 1/2" X 18"	#6 X 40"	12" CTR.-CTR.	30" CTR.-CTR.

GENERAL NOTES:

THE FINAL POSITION OF ALL DOWELS AND TIE BARS SHALL BE PERPENDICULAR TO THE PLANE OF THE JOINT AND PARALLEL TO THE SURFACE OF THE PAVEMENT AND PARALLEL TO EACH OTHER.

