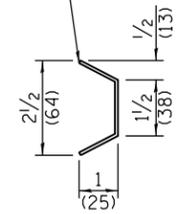
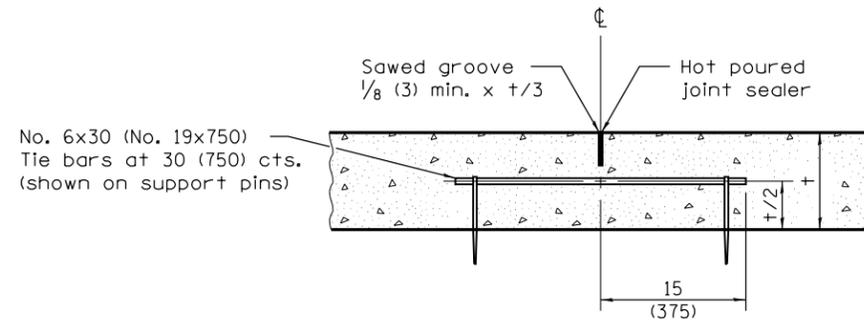


**TYPE C METAL JOINT**

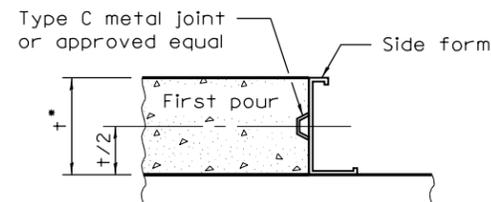
Sheet steel of suitable thickness to form keyway as detailed or approved equal.



**SECTION A-A**

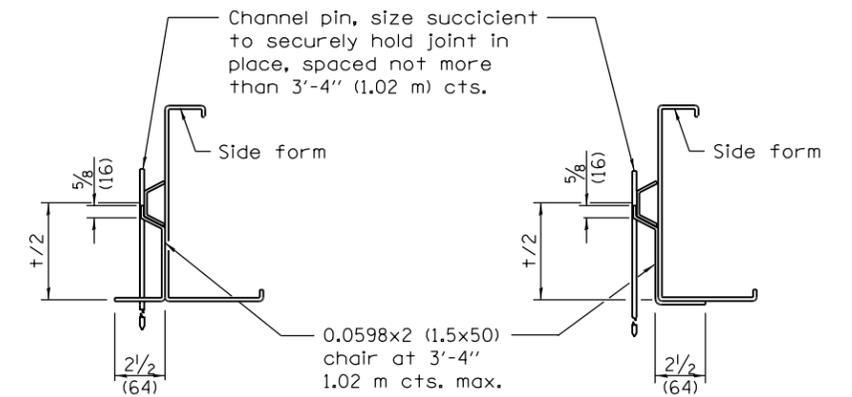


**LONGITUDINAL SAWED JOINT**



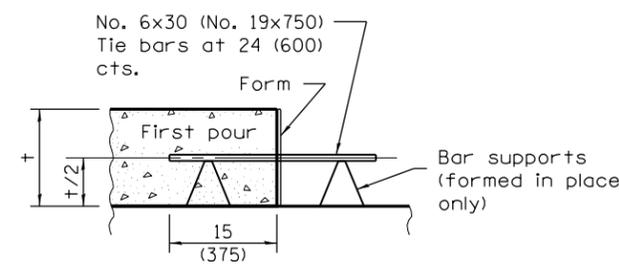
**LONGITUDINAL KEYED JOINT**

\* 8 (203) min. pavement thickness for keyed joints.

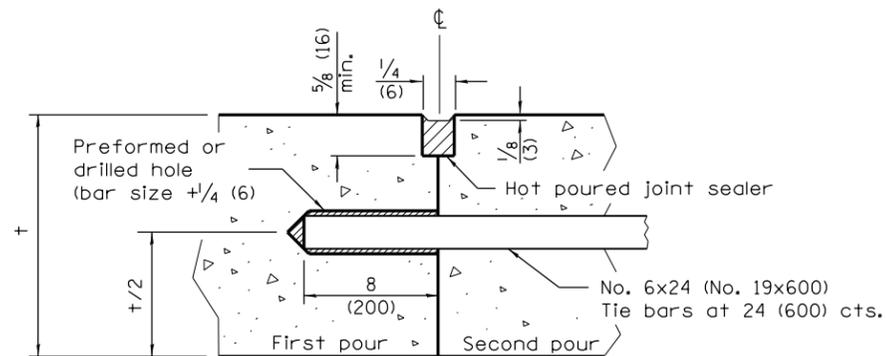


**SUPPORTING CHAIR ALTERNATE**

**SUPPORTING CHAIR ALTERNATE**



**LONGITUDINAL CONSTRUCTION JOINT**  
(TIE BAR FORMED IN PLACE OR MECHANICALLY INSERTED)



**LONGITUDINAL CONSTRUCTION JOINT**  
(TIE BAR GROUDED IN PLACE)

**GENERAL NOTES**

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2015

Michael Beard  
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2015

ENGINEER OF DESIGN AND ENVIRONMENT

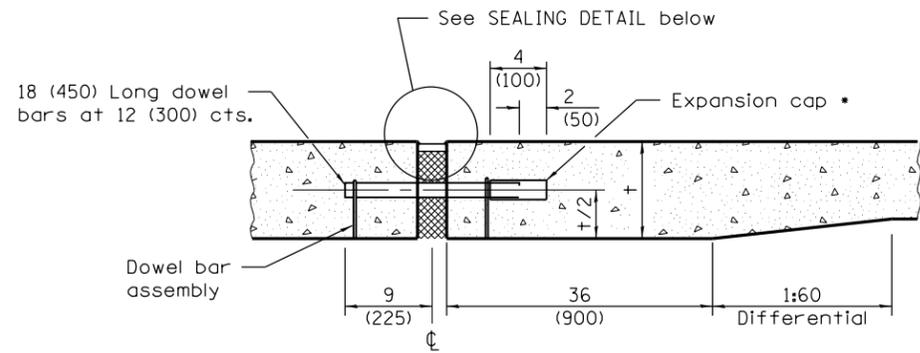
ISSUED 1-1-97

DATE	REVISIONS
1-1-15	Added: opt. for mech. inserted tie bars, min. pvmt. thickness for keyed joints.
1-1-08	Switched units to English (metric).

**PAVEMENT JOINTS**

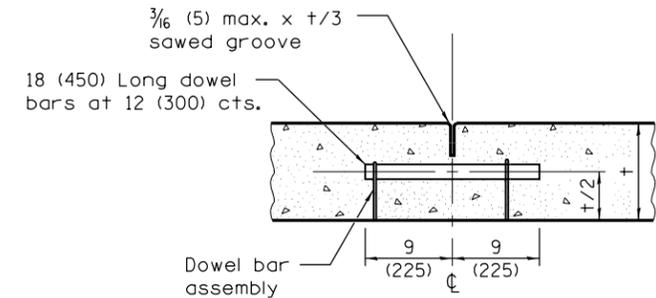
(Sheet 1 of 2)

**STANDARD 420001-08**

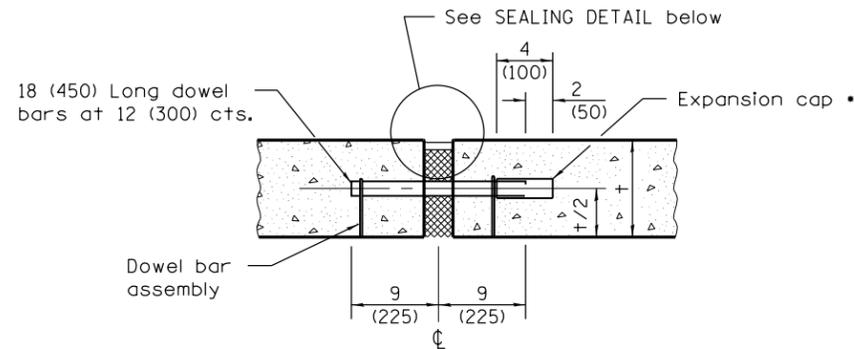


**TRANSVERSE EXPANSION JOINT**  
(FOR PAVEMENTS WITH UNEQUAL THICKNESS)

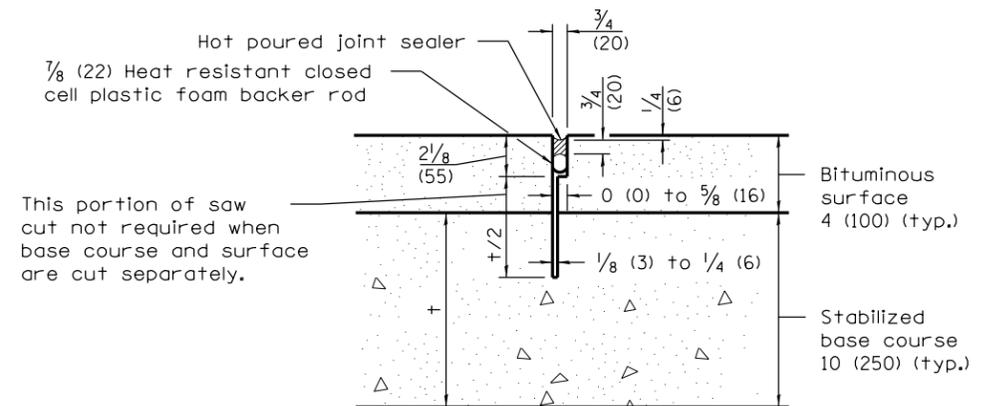
• Expansion caps shall be installed on the exposed end of each dowel bar once the header has been removed and the joint filler material has been installed.



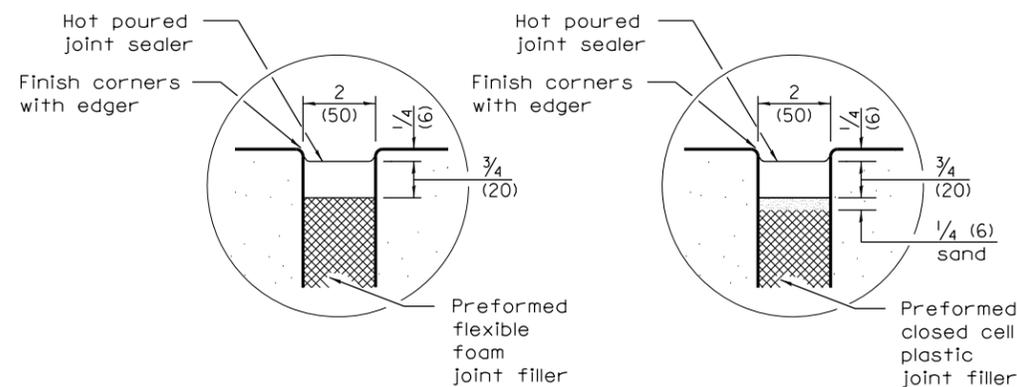
**TRANSVERSE CONTRACTION JOINT**



**TRANSVERSE EXPANSION JOINT**  
(FOR PAVEMENTS WITH EQUAL THICKNESS)



**TRANSVERSE CONTRACTION JOINT**  
(FOR CAM, CFA AND LFA BASE COURSE MIXTURES)



**SEALING DETAIL**

DOWEL BAR TABLE	
PAVEMENT THICKNESS	DOWEL BAR DIAMETER
8 (200) or greater	1 1/2 (38)
7 (175) thru 7.99 (199)	1 1/4 (32)
Less than 7 (175)	1 (25)