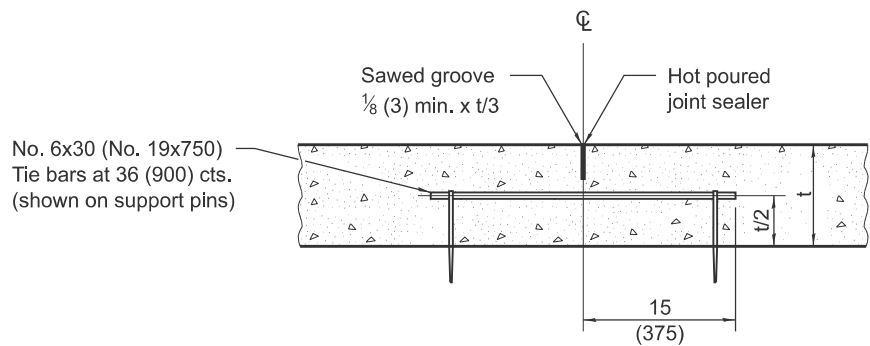
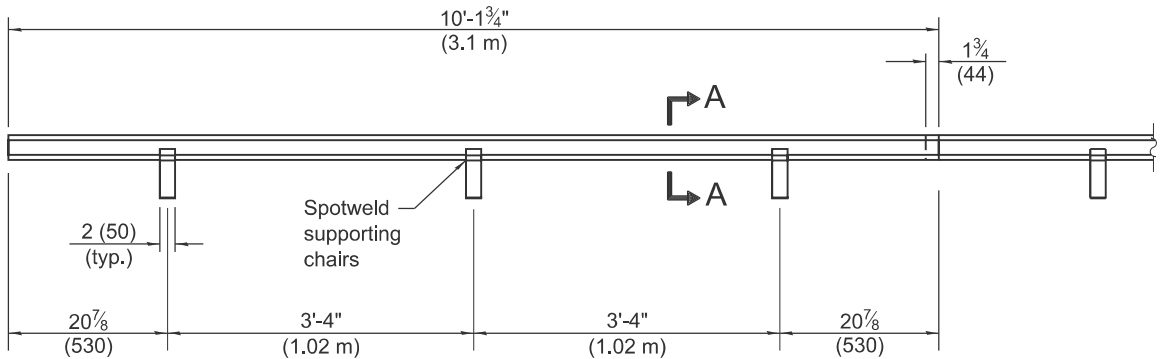
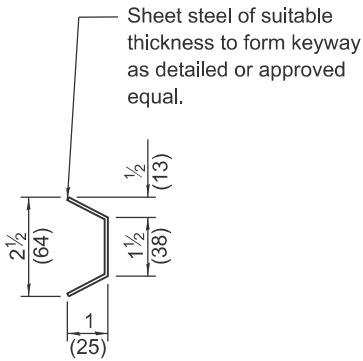




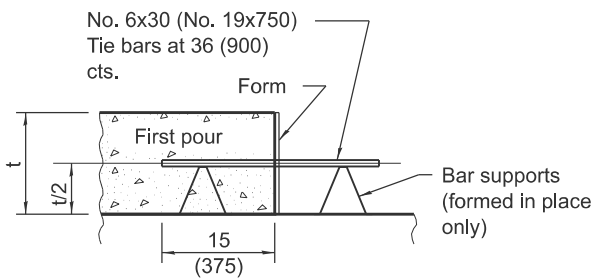
LONGITUDINAL SAWED JOINT



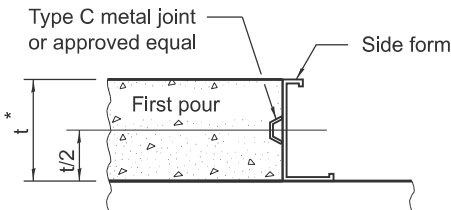
TYPE C METAL JOINT



SECTION A-A

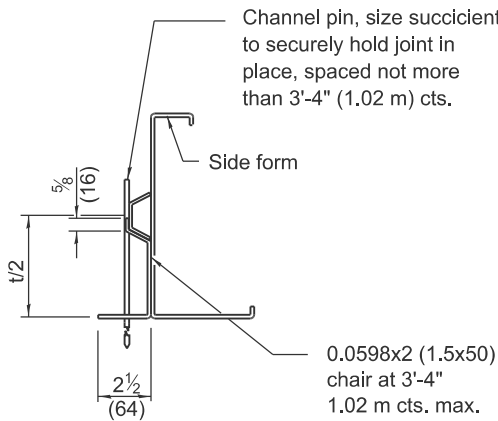


LONGITUDINAL CONSTRUCTION JOINT
(TIE BAR FORMED IN PLACE OR MECHANICALLY INSERTED)

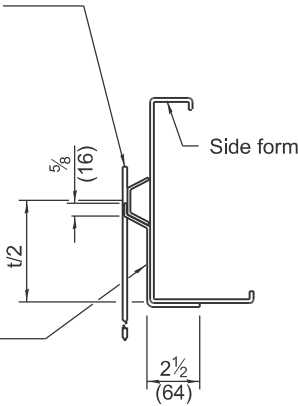


LONGITUDINAL KEYED JOINT

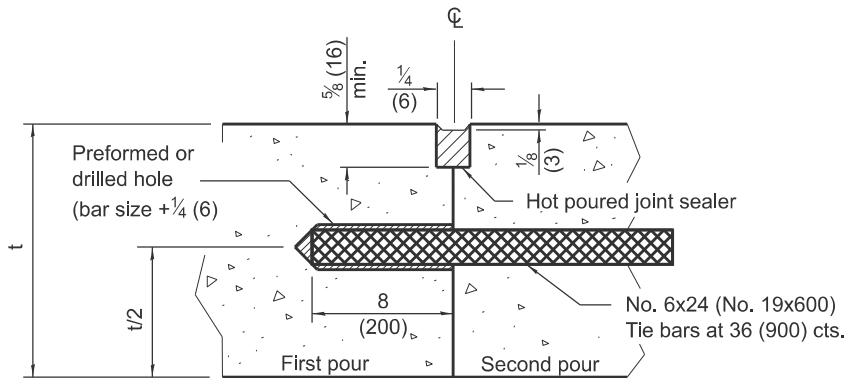
* 8 (203) min. pavement thickness for keyed joints.



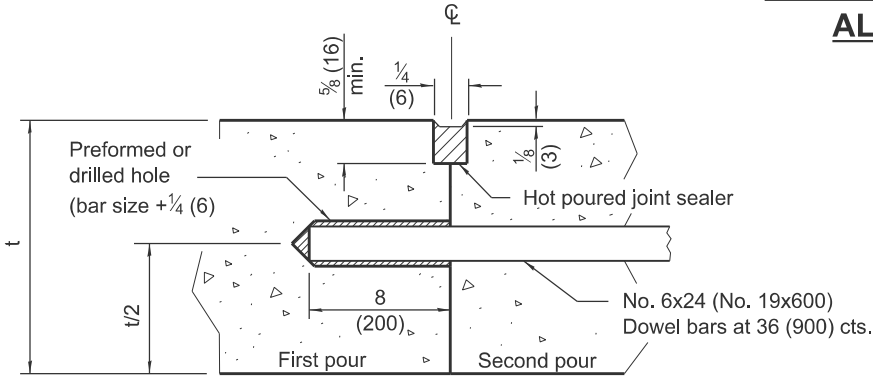
SUPPORTING CHAIR ALTERNATE



SUPPORTING CHAIR ALTERNATE



LONGITUDINAL CONSTRUCTION JOINT
(TIE BAR GROUTED IN PLACE)



MODIFIED LONGITUDINAL CONSTRUCTION JOINT
(DOWEL BAR GROUTED 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.

DATE	REVISIONS
1-1-26	Added Modified LCJ detail and hatching to tie bar in LCJ detail.
1-1-22	Revised DOWEL BAR TABLE on Sheet 2.

PAVEMENT JOINTS

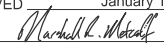
(Sheet 1 of 2)

STANDARD 420001-11



Illinois Department of Transportation

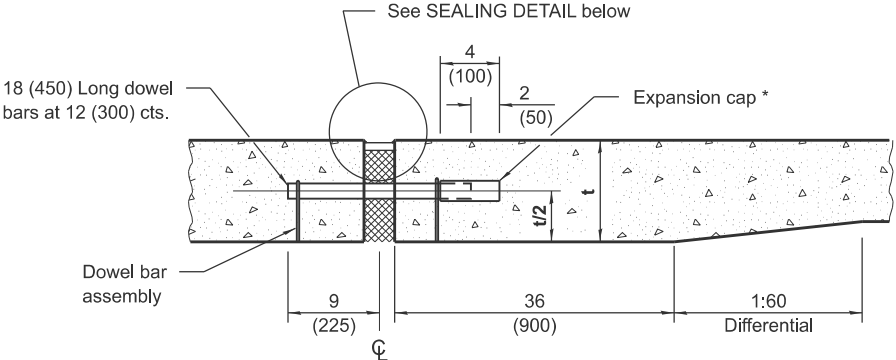
APPROVED January 1, 2026


ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2026

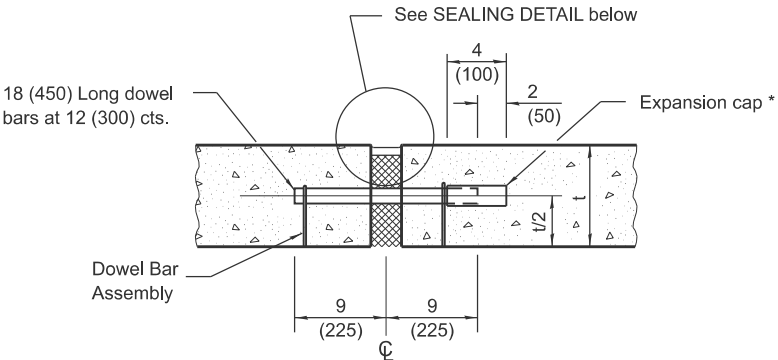

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

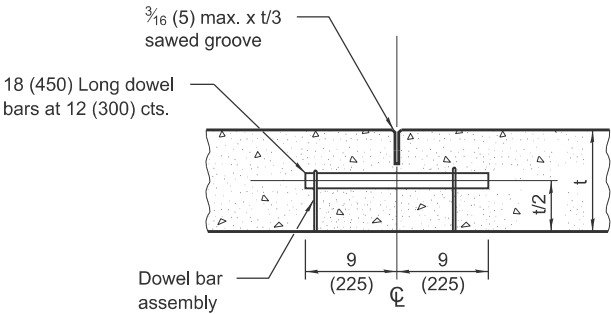


TRANSVERSE EXPANSION JOINT
(FOR PAVEMENTS WITH UNEQUAL THICKNESS)

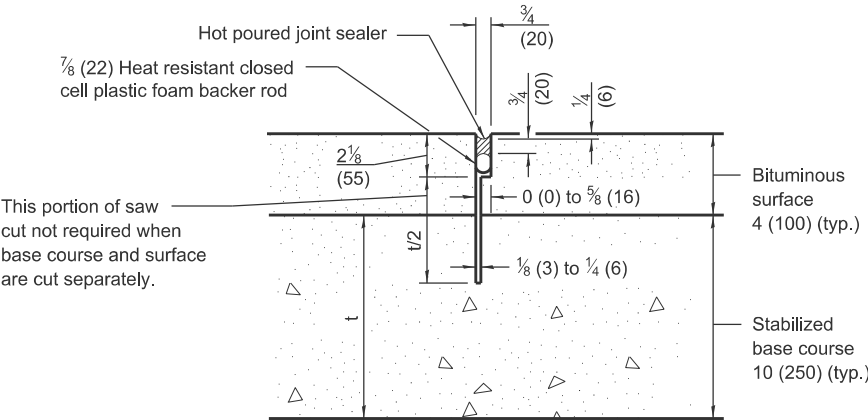
* Expansion caps shall be installed on the exposed end of each dowel bar once the header has been removed and the joint filler material has been installed.



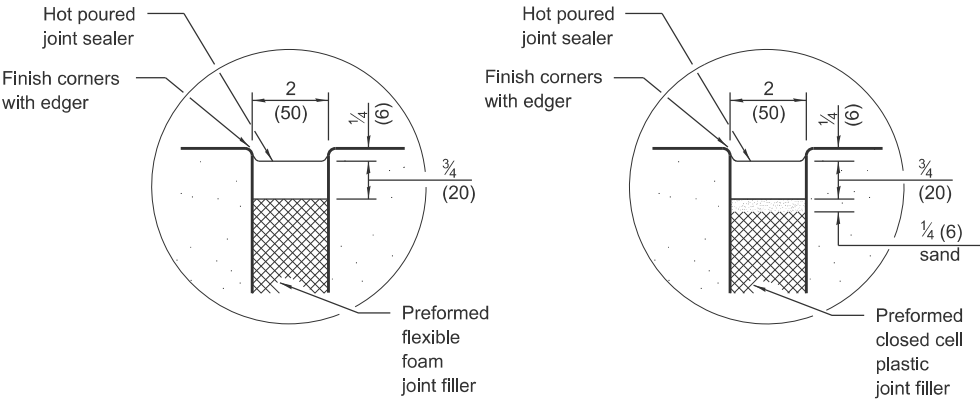
TRANSVERSE EXPANSION JOINT
(FOR PAVEMENTS WITH EQUAL THICKNESS)



TRANSVERSE CONTRACTION JOINT



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



SEALING DETAIL

DOWEL BAR TABLE	
PAVEMENT THICKNESS	DOWEL BAR DIAMETER
10 (250) and greater	1 1/2 (38)
8.01 (201) thru 9.99 (249)	1 1/4 (32)
8 (200) and less	1 (25)