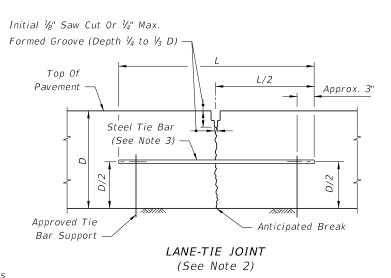


NOTES:

- 1. For joint seal dimensions see Sheet 2.
- 2. For slabs poured simultaneously, tie bars may be inserted in the plastic concrete by means approved by the Engineer.
- 3. For Longitudinal Joints:
- A. Tie bars are deformed #4 or #5 reinforcing steel bars meeting the requirements of Specification 931.
- B. Provide a standard load transfer tied joint with #4 bars 25" in length at 24" spacing or #5 bars 30" in length at 38" spacing.
- 4. Transverse joints are to be spaced at a maximum of 15'. Dowels are required at all transverse joints unless otherwise noted in the plans.
- 5. Expansion joints to be placed at street intersections and other locations as indicated in the Plans. For bridge expansion joints, see Index 370-001.
- 6. Punch clean holes in preformed joint filler greater than bar diameter.
- 7. Coat and lubricate plain steel dowel bars in accordance with Specification 350.
- 8. Sheet metal bottom strips in accordance with Specification 931. Not required with asphalt base.

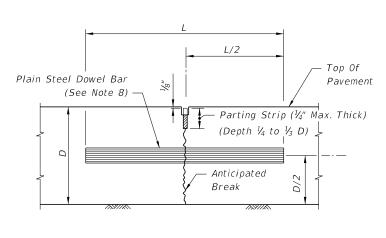
DESCRIPTION:

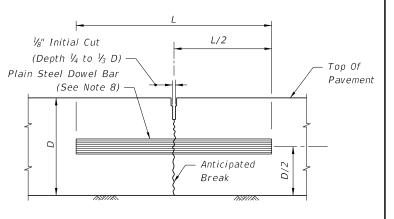
BUTT CONSTRUCTION JOINT



LONGITUDINAL JOINTS

BUTT CONSTRUCTION JOINT (See Note 6) (Used At Discontinuance Of Work)



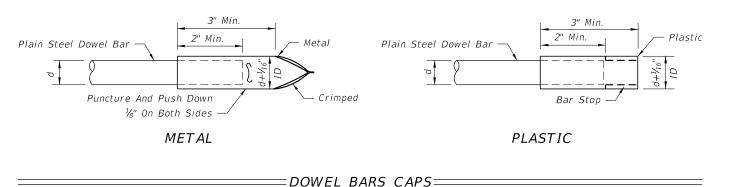


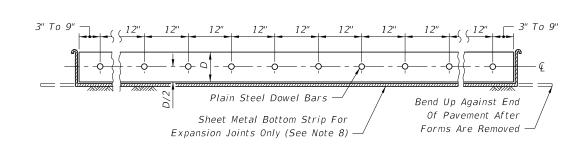
CONTRACTION JOINT (Vibro Case Method)

CONTRACTION JOINT (Sawed Method)

TRANSVERSE JOINTS

DOWELS (LENGTH 18")				
Pavement Thickness "D"	Diameter			
6"-6½"	3/4"			
7"-8"	1"			
8½"-10½"	1 1/4"			
≥11"	11/2"			





DOWEL BAR LAYOUT=

REVISION 11/01/19

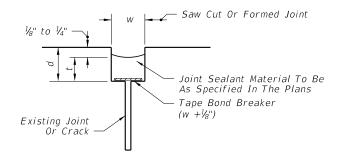
FDOT

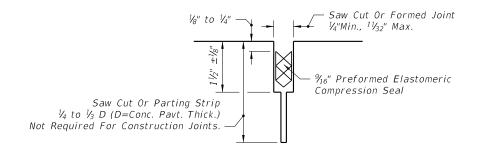
FY 2020-21 STANDARD PLANS

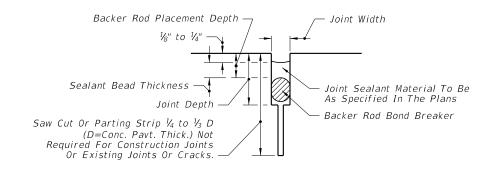
CONCRETE PAVEMENT JOINTS

INDEX 350-001

SHEET 1 of 4







Note: Dimension w will be shown in the plans or established by the Engineer based on field conditions. Dimension d will be constructed so that the shape factor w/t has a maximum value of 2.0 and a minimum value of 1.0.

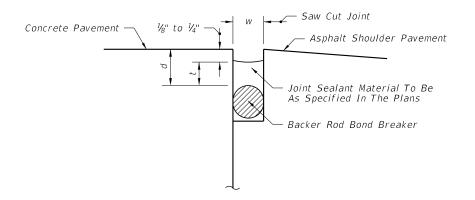
FOR NEW PROJECTS PREFORMED ELASTOMERIC COMPRESSION SEAL

FOR NEW AND REHABILITATION PROJECTS BACKER ROD BOND BREAKER

FOR REHABILITATION PROJECTS TAPE BOND BREAKER

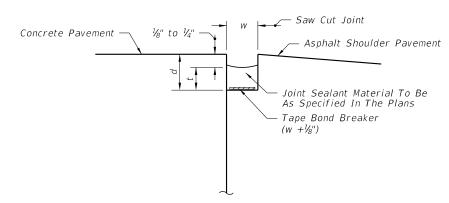
CONCRETE-CONCRETE JOINTS

 $d = w = \frac{3}{4}$ " Unless Specified Otherwise In The Plans



BACKER ROD BOND BREAKER

 $d = w = \frac{3}{4}$ " Unless Specified Otherwise In The Plans



TAPE BOND BREAKER

FOR NEW AND REHABILITATION PROJECTS; EITHER TAPE OR BACKER ROD BOND BREAKER REQUIRED; SHOULDER MUST BE REPAIRED IF PROPER JOINT SHAPE CAN NOT BE ATTAINED

CONCRETE-ASPHALT SHOULDER JOINTS

BACKER ROD BOND BREAKER (CONCRETE-CONCRETE JOINTS)

JOINT DIMENSIONS (INCHES)				
JOINT WIDTH	SEALANT BEAD THICKNESS	BACKER ROD DIA.	MINIMUM JOINT DEPTH	BACKER ROE PLACEMENT DEPTH
1/4	1∕4	3/8	1	1/2
3/8	1/4	1/2	1 1/4	1/2
1/2	1/4	5/8	1 1/4	1/2
5/8	5∕ ₁₆	3/4	11/2	% ₁₆
3/4	3/8	1	13/4	5/8
7/8	7∕ ₁₆	11/8	13/4	11/16
1	1/2	1 1/4	2	3/4
>1	1/2	11/4+	2+	3/4

Unless otherwise indicated on the plans the joint width for new construction will be 1/4" for construction joints, $\frac{3}{8}$ " for all other joints.

For rehabilitation projects the joint width will be shown on the plans or established by the Engineer based on field conditions.

JOINT SEAL DIMENSIONS

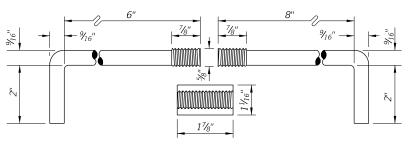
REVISION 11/01/17

DESCRIPTION:

FDOT

FY 2020-21 STANDARD PLANS

INDEX 350-001



Note: After the concrete has set to the extent that the Keyway will retain its shape, the hex bolt and plastic insert shall be removed.

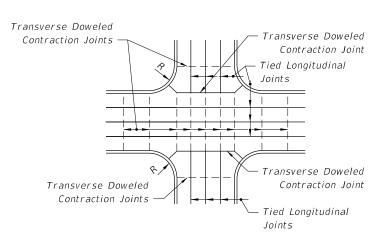
The remaining portion of the hook bolt assembly shall be installed immediately prior to placing of concrete in the adjacent lane.

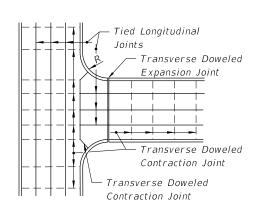
Anchor bolts shall be Grade C in accordance with ASTM A 307.

Threaded sleeves shall develop the full strength of the bolt and meet the material and thread requirements of ASTM A 563.

ALTERNATE KEYWAY AND HOOK BOLT

STEEL HOOK BOLT ASSEMBLY





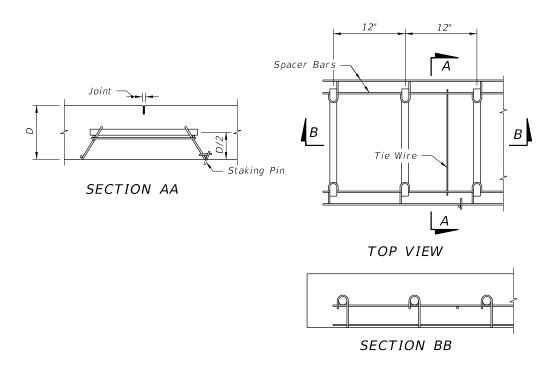
JOINT LAYOUT AT THRU INTERSECTION

JOINT LAYOUT AT 'T' INTERSECTIONS

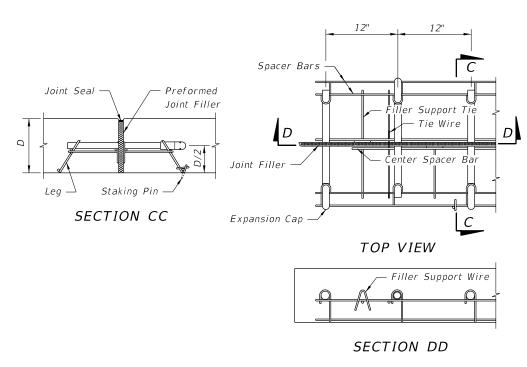
JOINT ARRANGEMENT

NOTES

- 1. Longitudinal joints will not be required for single lane pavement 14' or less in width. For entrance and exit ramp joint details, see Sheet 4.
- 2. Arrangement of longitudinal joints are to be as directed by the Engineer.
- 3. All manholes, meter boxes and other projections into the pavement shall be boxed-in with $\frac{1}{2}$ " preformed expansion joint material.



CONTRACTION ASSEMBLY



EXPANSION ASSEMBLY

Note: Proprietary contraction and expansion assemblies may be used. Products shall be introduced to the State Construction Office in accordance with section (C) of the Product Evaluation Procedure.

10/14/2019 8:5

DESCRIPTION:

