
ORIGINATION FORM

Proposed Revisions to a Standard Plans Index
(Please provide all information — Incomplete forms will be returned)

Contact Information:

Date: March 26, 2021
Originator: Rick Jenkins
Phone: (850) 414-4355
Email: Rick.Jenkins@dot.state.fl.us

Standard Plans:

Index Number: 350-001
Sheet Number (s): 1 Of 4
Index Title: Concrete Pavement Joints

Summary of the changes:

Sheet 1: Corrected line work to extend to the bottom of the pavement in the BUTT CONSTRUCTION JOINT details.

Commentary / Background:

The Butt Construction Joint was not shown consistently between the details in the Index. Both details were updated to show the joint extend from the top of the slab to the bottom of the slab at the request of State Pavement Design

Other Affected Offices / Documents: (Provide name of person contacted)

- | Yes | No | |
|--------------------------|-------------------------------------|-----------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Other Standard Plans – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | FDOT Design Manual – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Basis of Estimates Manual – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Standard Specifications – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Approved Product List – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Construction – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Maintenance – |

Origination Package Includes:

(Email or hand deliver package to Rick Jenkins)

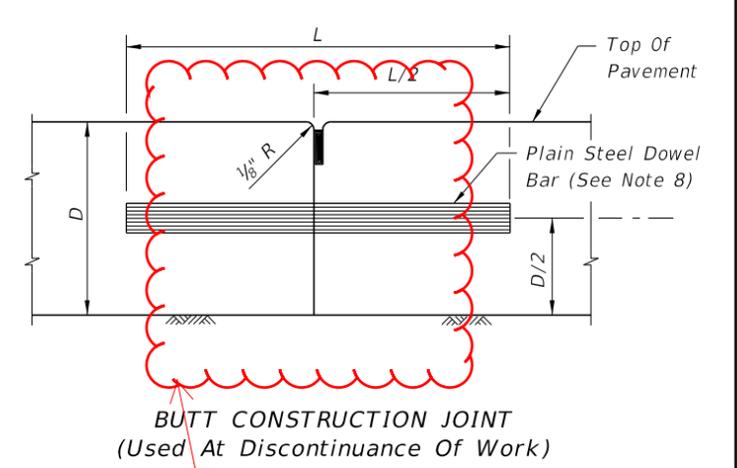
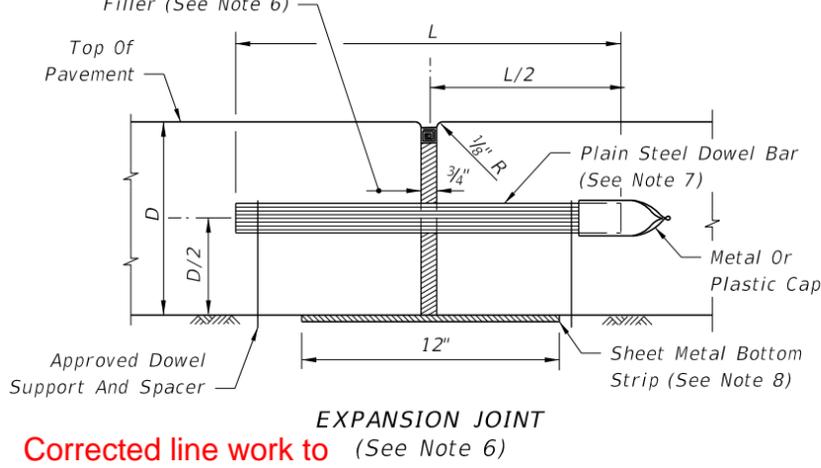
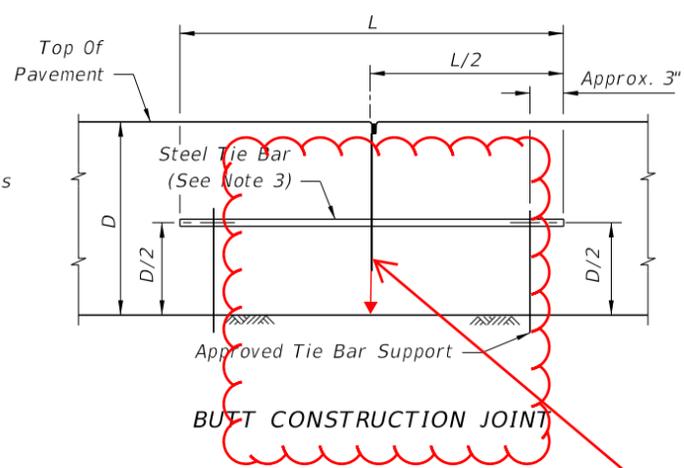
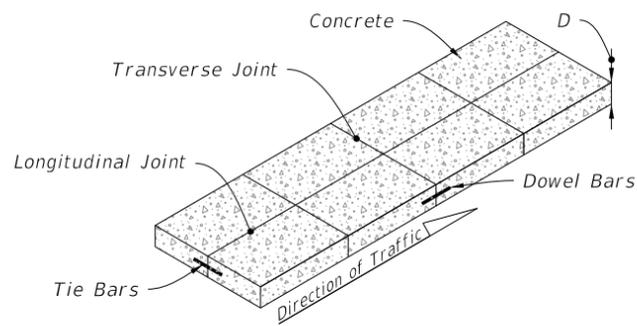
- | Yes | N/A | |
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| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Redline Mark-ups |
| <input type="checkbox"/> | <input type="checkbox"/> | Proposed Standard Plan Instruction (SPI) |
| <input type="checkbox"/> | <input type="checkbox"/> | Revised SPI |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Other Support Documents |

Implementation:

- | | |
|-------------------------------------|----------------------------------|
| <input type="checkbox"/> | Design Bulletin (Interim) |
| <input type="checkbox"/> | DCE Memo |
| <input type="checkbox"/> | Program Mgmt. Bulletin |
| <input checked="" type="checkbox"/> | FY-Standard Plans (Next Release) |

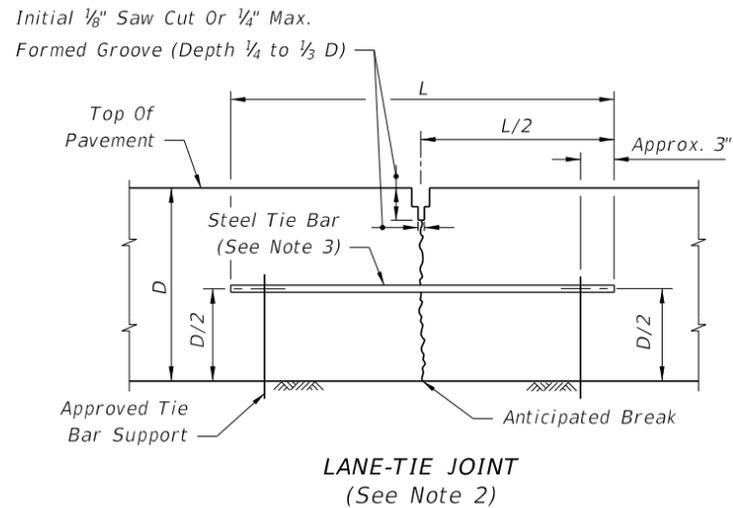
Contact the Roadway Design Office for assistance in completing this form

Email to: Rick Jenkins rick.jenkins@dot.state.fl.us and Darren Martin darren.martin@dot.state.fl.us

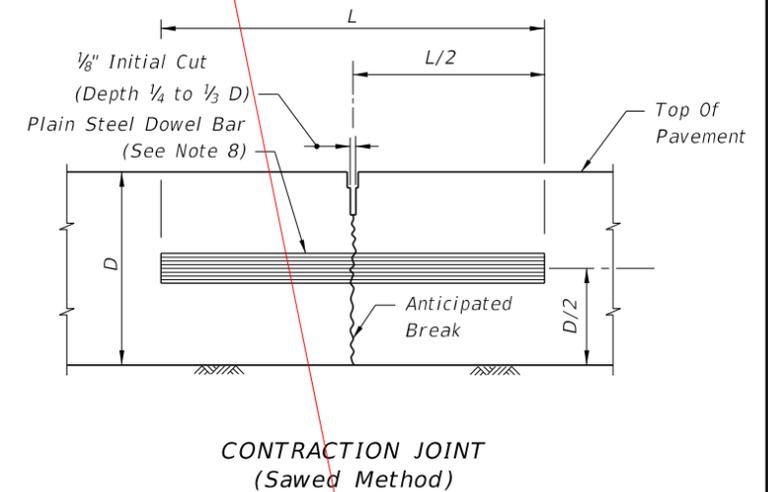
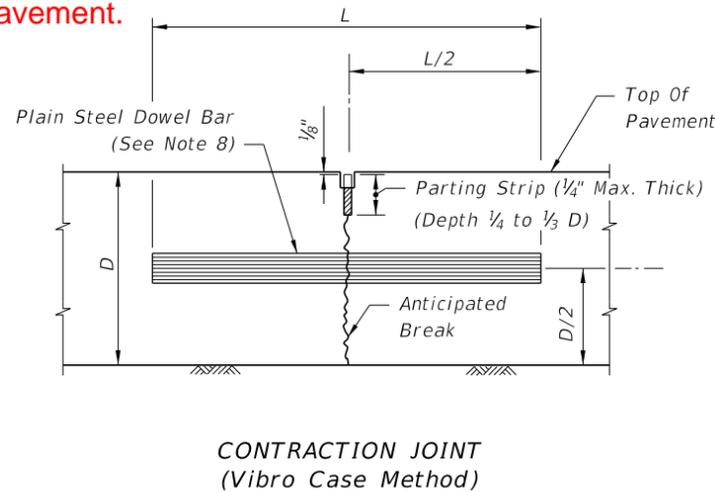


NOTES:

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.



Corrected line work to extend to the bottom of pavement.

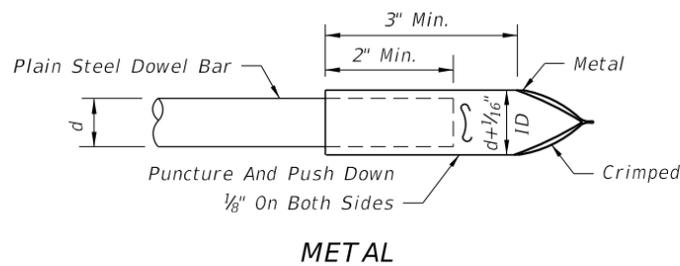


Corrected line work to show joint all the way to bottom of pavement

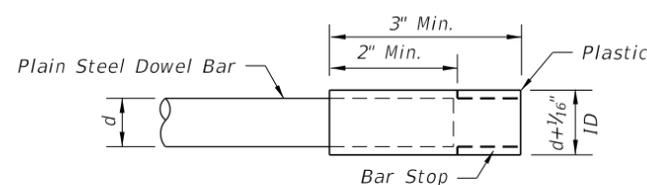
LONGITUDINAL JOINTS

TRANSVERSE JOINTS

DOWELS (LENGTH 18")	
Pavement Thickness "D"	Diameter
6"-6 1/2"	3/4"
7"-8"	1"
8 1/2"-10 1/2"	1 1/4"
≥11"	1 1/2"

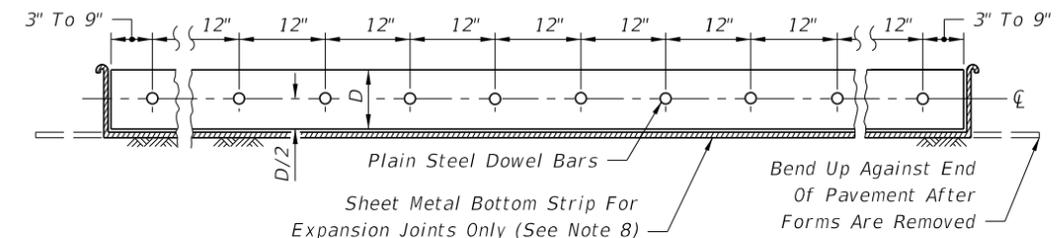


METAL



PLASTIC

DOWEL BARS CAPS



DOWEL BAR LAYOUT

10/12/2020 6:39:04 AM

LAST REVISION	DESCRIPTION:
11/01/19	11/01/21

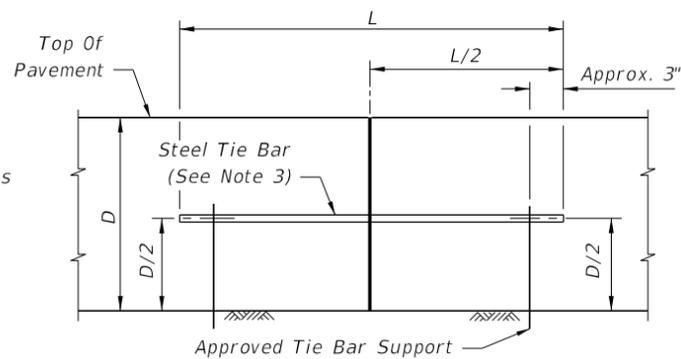
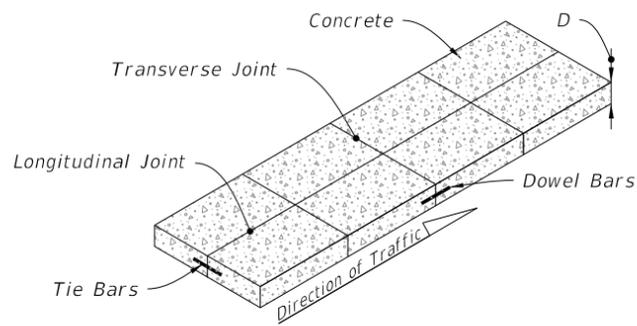


FY 2021-22
STANDARD PLANS

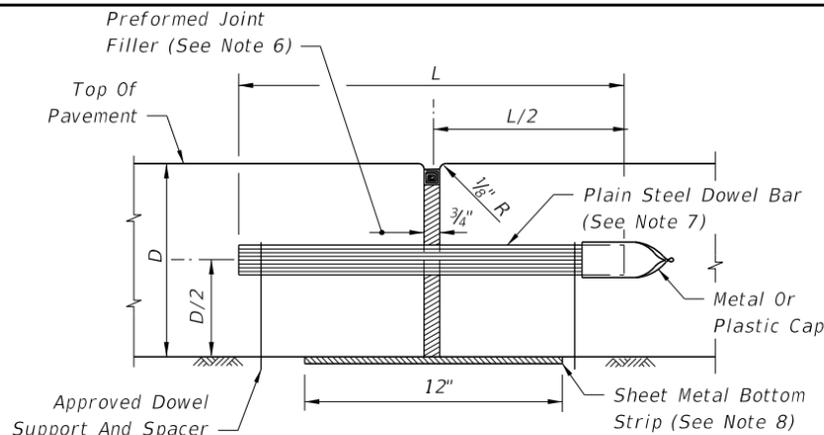
CONCRETE PAVEMENT JOINTS

INDEX
350-001

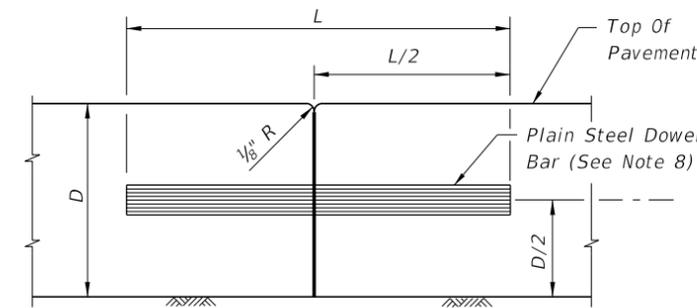
SHEET
1 of 4



BUTT CONSTRUCTION JOINT



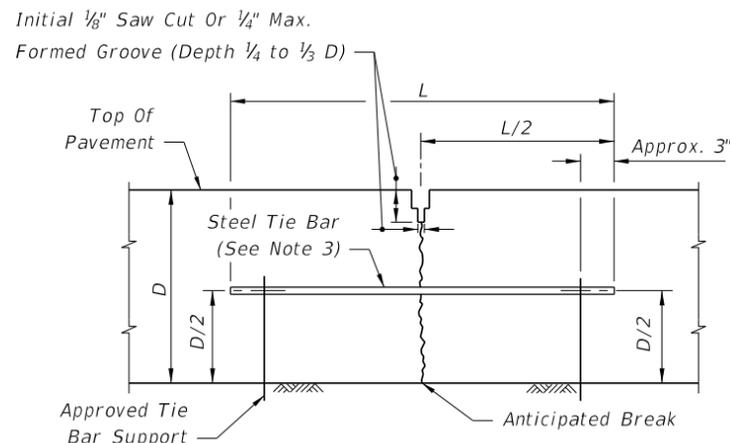
EXPANSION JOINT
(See Note 6)



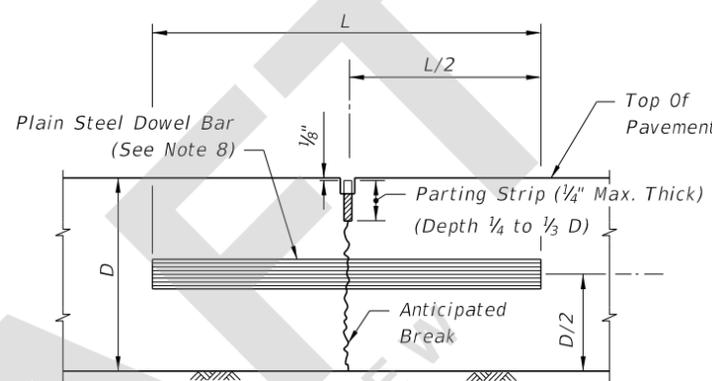
BUTT CONSTRUCTION JOINT
(Used At Discontinuance Of Work)

NOTES:

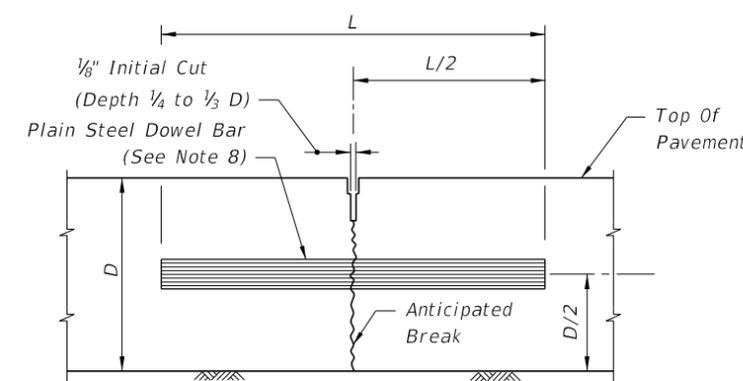
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LANE-TIE JOINT
(See Note 2)



CONTRACTION JOINT
(Vibro Case Method)

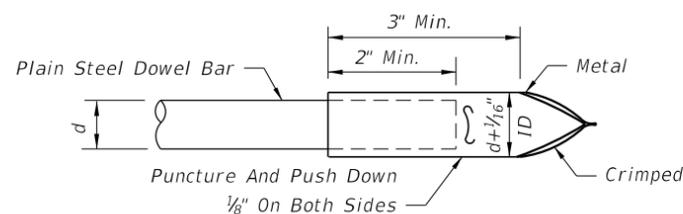


CONTRACTION JOINT
(Sawed Method)

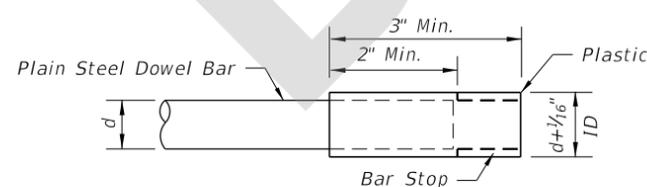
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===== **TRANSVERSE JOINTS** =====

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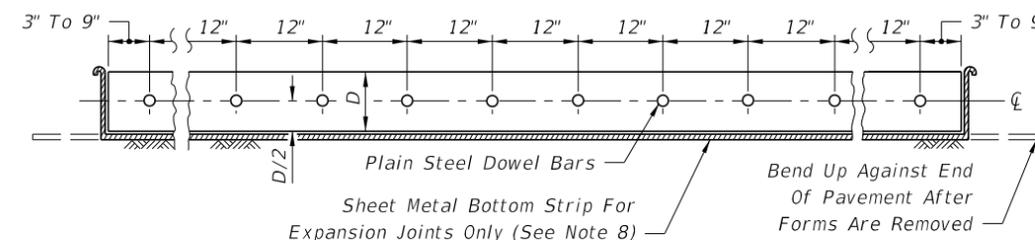


METAL



PLASTIC

===== **DOWEL BARS CAPS** =====



===== **DOWEL BAR LAYOUT** =====

10:50:26 AM 3/29/2021

LAST REVISION 11/01/21	DESCRIPTION:
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FY 2022-23
STANDARD PLANS

CONCRETE PAVEMENT JOINTS

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350-001

SHEET
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