


ORIGINATION FORM

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

Contact Information:

Date: April 24, 2019
Originator: Cheryl Hudson
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Standard Plans:

Index Number: 521-640
Sheet Number (s): 1
Index Title: Drainage Inlet Openings in Junction Slab - Wall
Coping 

Summary of the changes:

Added Note 7 and renumbered.

Commentary / Background:

Note added to address continuity along the barrier and coping at the drainage inlet openings.

Other Affected Offices / Documents: (Provide name of responsible personnel)

- | 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 – Andre Pavlov |
| <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 – |

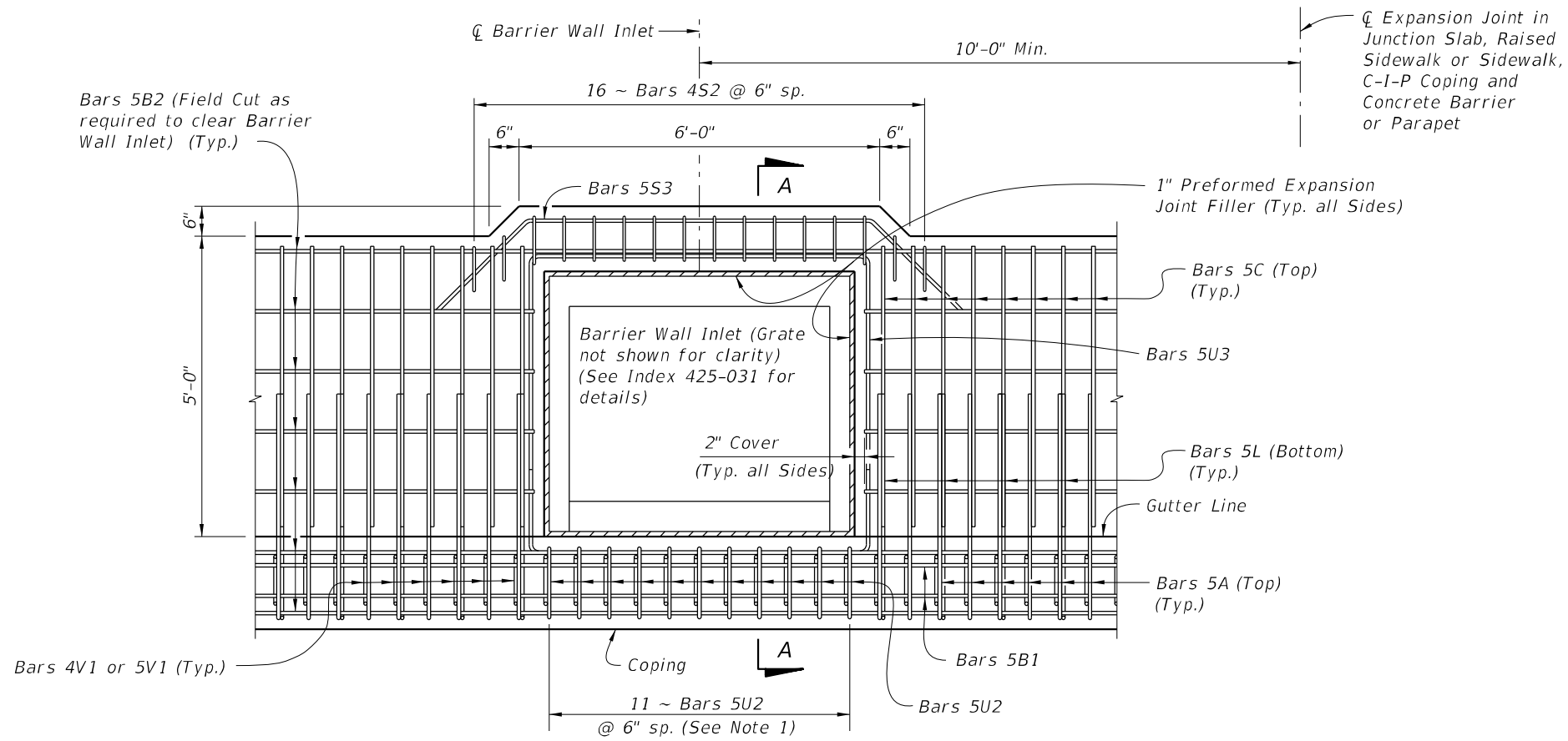
Origination Package Includes: (Email or hand deliver package to Derwood Sheppard)

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

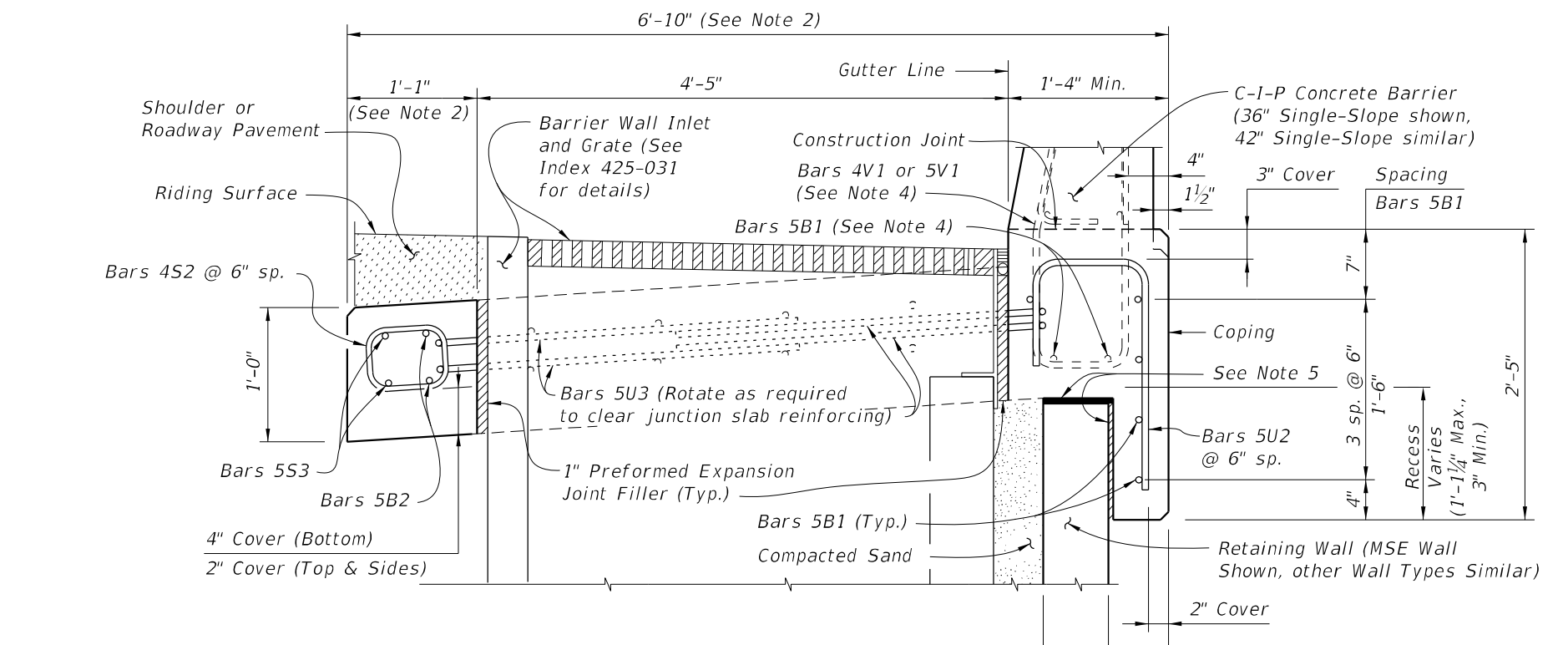
Implementation:

- Design Bulletin (Interim) DCE Memo Program Mgmt. Bulletin FY-Standard Plans (Next Release)

Contact the Roadway Design Office for assistance in completing this form



PLAN VIEW
(Junction Slab Shown, Raised Sidewalk Similar)



SECTION A-A
SECTION THRU JUNCTION SLAB, BARRIER WALL INLET AND RETAINING WALL
(Junction Slab Shown, Raised Sidewalk Similar)

REINFORCING STEEL BENDING DIAGRAMS - DRAINAGE

BILL OF REINFORCING STEEL			
MARK	REQD.	SIZE	LENGTH
S2	16	4	3'-1"
S3	2	5	10'-0"
U2	11	5	VARIES
U3	4	5	12'-10"

STIRRUP BAR 4S2

BAR 5S3

BAR 5U3

BAR 5U2

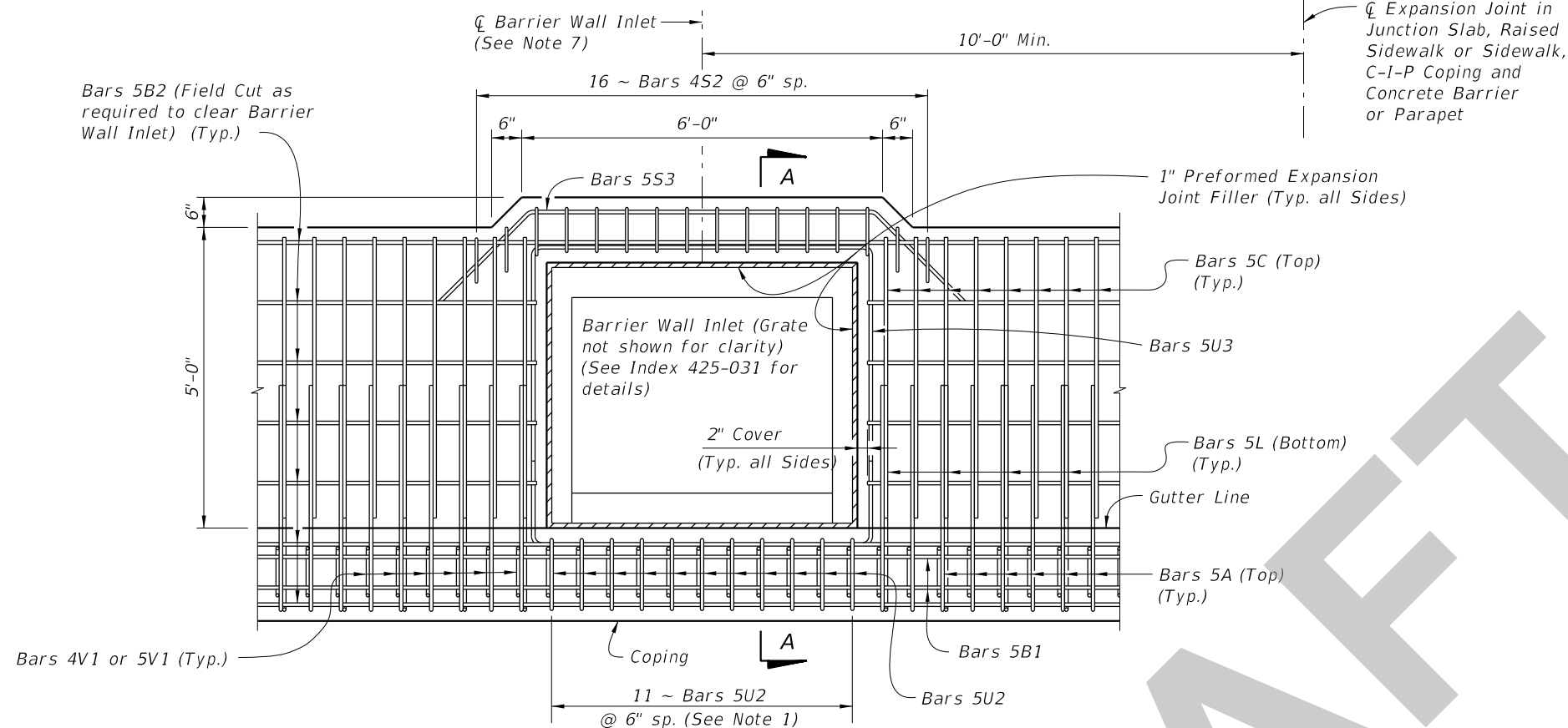
REINFORCING STEEL NOTES:

1. All bar dimensions in the bending diagrams are out to out.
2. All reinforcing steel at open joints will have a 2" minimum cover.
3. See Index 521-610, 521-620 & 521-630 for Bars 5A, 5B, 5C and 5L.
4. The Contractor may use Welded Wire Reinforcement (WWR) when approved by the Engineer. WWR must consist of Deformed wire meeting the requirements of Specification Section 931.

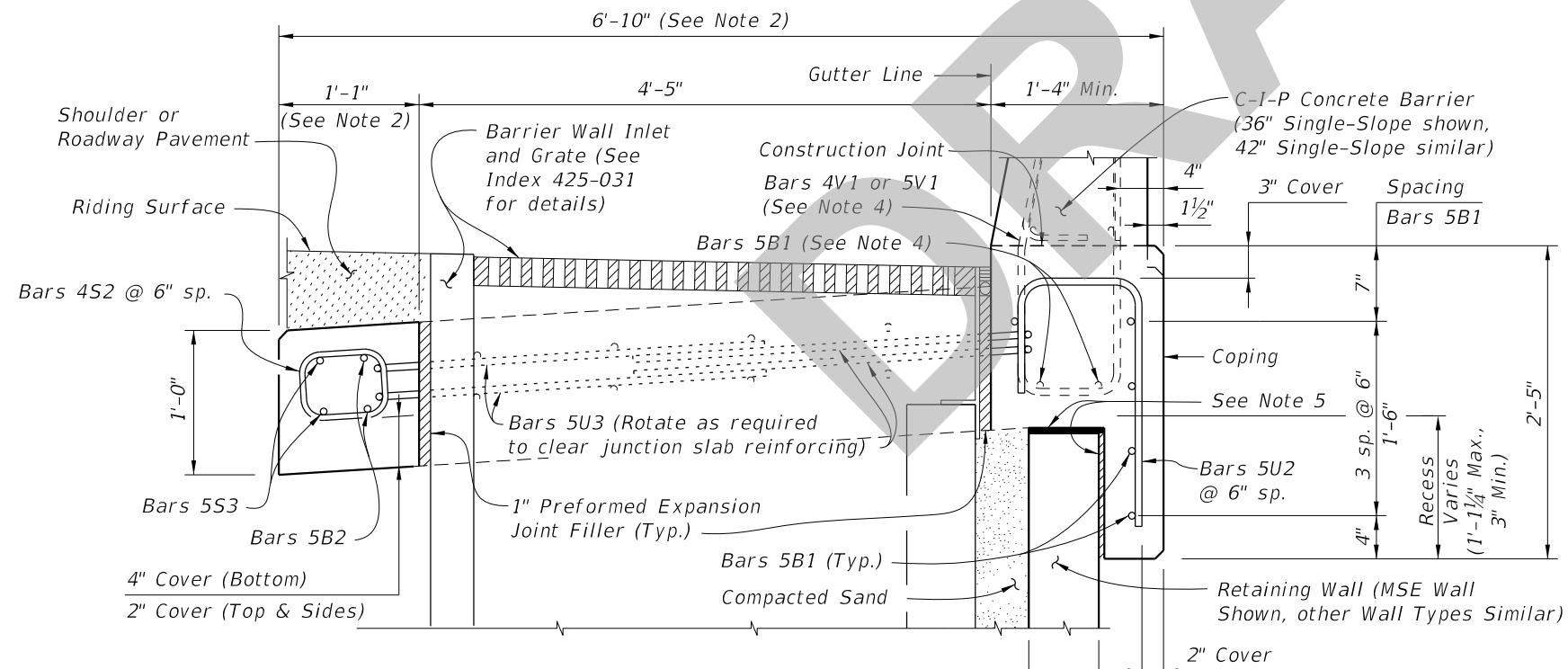
- NOTES:**
1. Spacing shown is along the Gutter Line. Spacing shown is for C-I-P Junction Slab. For C-I-P Raised Sidewalks or Sidewalks, match bar spacing and size shown in Typical Sections (i.e., 11 ~ Bars 5U2 and 15 ~ Bars 4S2 @ 6" spacing for Raised Sidewalks).
 2. Dimensions shown are for junction slab. Increase width as required for C-I-P Raised Sidewalk and Sidewalks.
 3. Actual location & width vary depending on type of Retaining Wall used.
 4. See Index 521-610 for Bars 4V1 or 5V1 and 5B1.
 5. Organic Felt bond breaker (Top) & Expanded Polystyrene shown hatched (1/2" Side).
 6. Locate \bar{C} Barrier Wall Inlet a minimum of 10'-0" away from \bar{C} Expansion Joints in Junctions Slab, Raised Sidewalk or Sidewalk, C-I-P Copping and Traffic Railing or Concrete Parapet. Work this Index with the following as appropriate:
Index 521-610
Index 521-620
Index 521-630
 8. **Locate open joints in Barrier Wall and Copping a minimum of 5'-0" from the centerline of the Barrier Wall Inlet.**

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LAST REVISION 11/01/17	DESCRIPTION: ← 11/01/19	 FY 2019-20 STANDARD PLANS	DRAINAGE INLET OPENINGS IN JUNCTION SLAB - WALL COPING	INDEX 521-640	SHEET 1 of 1
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(Junction Slab Shown, Raised Sidewalk Similar)



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(Junction Slab Shown, Raised Sidewalk Similar)

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BAR 5U3

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 - Work this Index with the following as appropriate:
Index 521-610
Index 521-620
Index 521-630

SDATES

LAST REVISION	DESCRIPTION:
11/01/19	