
ORIGINATION FORM

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

Contact Information:

Date: January 27, 2020
Originator: Tim Holley
Phone: (850) 414-4117
Email: Tim.Holley@dot.state.fl.us

Standard Plans:

Index Number: 425-022
Sheet Number (s): ALL
Index Title: Curb Inlet Top Type 7

Summary of the changes:

Reorganized Index, Added additional Sheet.
Sheet 1: General Notes
Sheet 2: Details

Commentary / Background:

Reorganized Details and Sheets to declutter Index. Moved information from detail callouts to Notes in order to decrease clutter of the drawing. Added Design notes to SPI.

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

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

Origination Package Includes:

(Email or hand deliver package to Rick Jenkins)

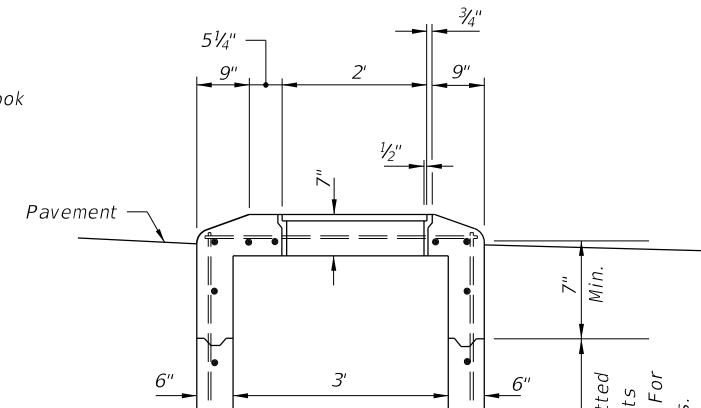
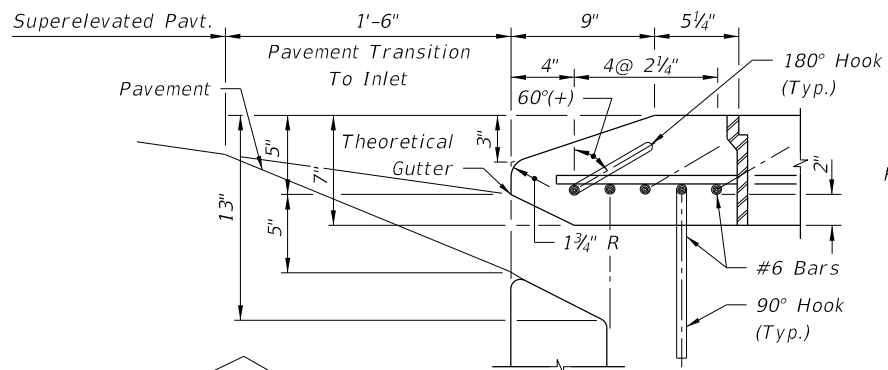
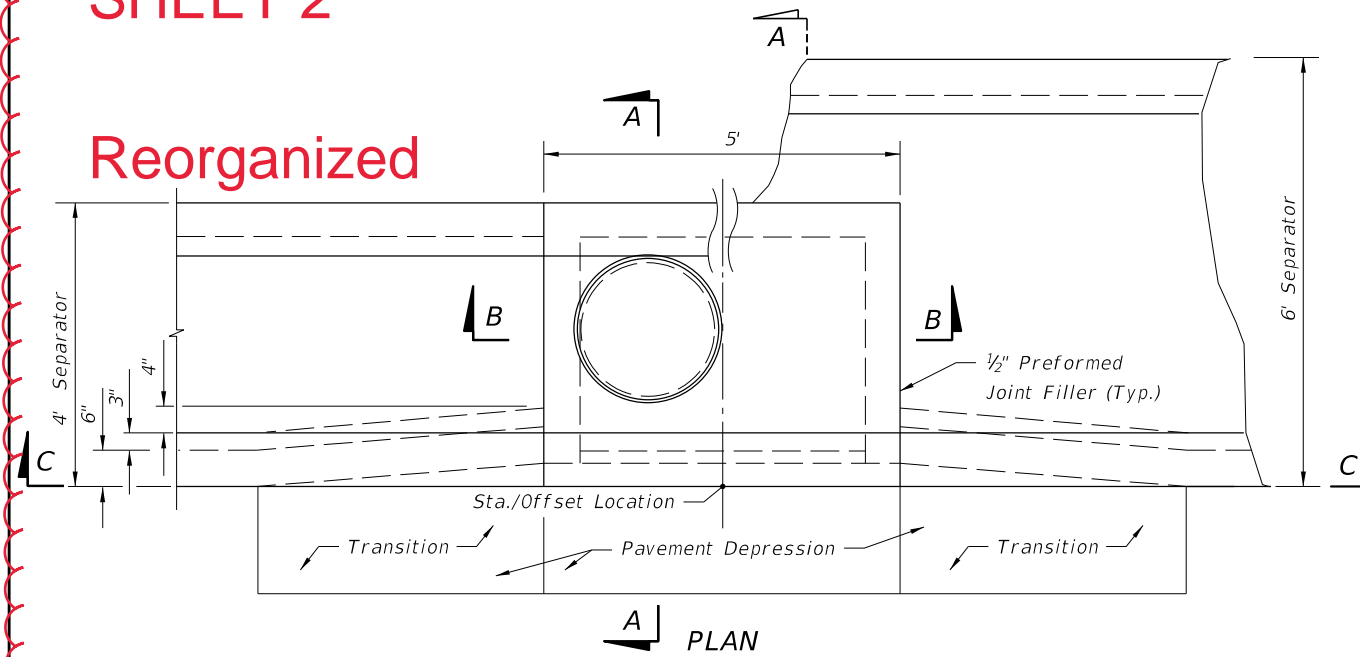
Yes	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Redline Mark-ups
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Proposed Standard Plan Instruction (SPI)
<input type="checkbox"/>	<input type="checkbox"/>	Revised SPI
<input type="checkbox"/>	<input type="checkbox"/>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

Reorganized

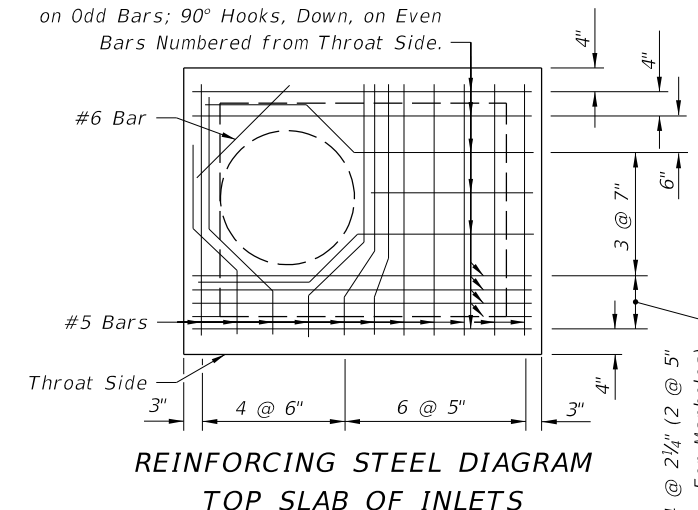


#6 Bars ACI Std. Hooks Required Each End of Straight Bars and Right End of Bent Bars: 180° Hooks, Canted 60°(+), on Odd Bars; 90° Hooks, Down, on Even Bars Numbered from Throat Side.

Const. Joints Permitted Between These Limits See Index 425-001 For Minimum Dimensions.

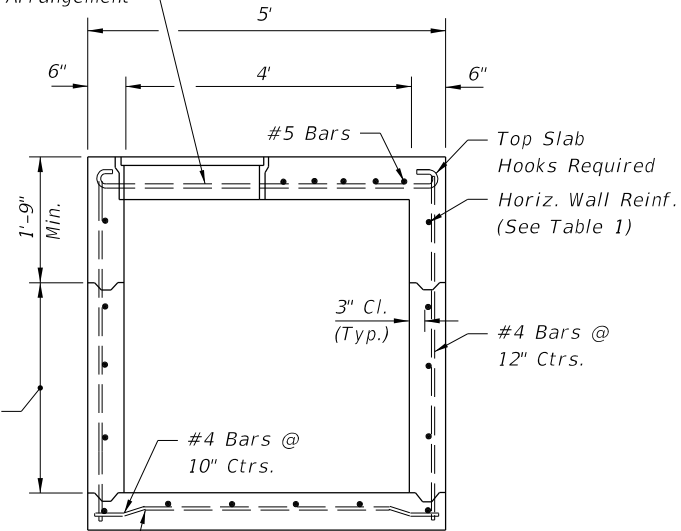
HORIZONTAL WALL REINFORCING SCHEDULE (TABLE 1)

WALL DEPTH	SCHEDULE	AREA (in. ² /ft.)	MAX. SPACING	
			BARS	WWF
0' - 6'	A12	0.20	12"	8"
6' - 10'	A6	0.20	6"	5"
10' - 13'	A4	0.20	4"	3"
10' - 15'	B5.5	0.24	5½"	5"



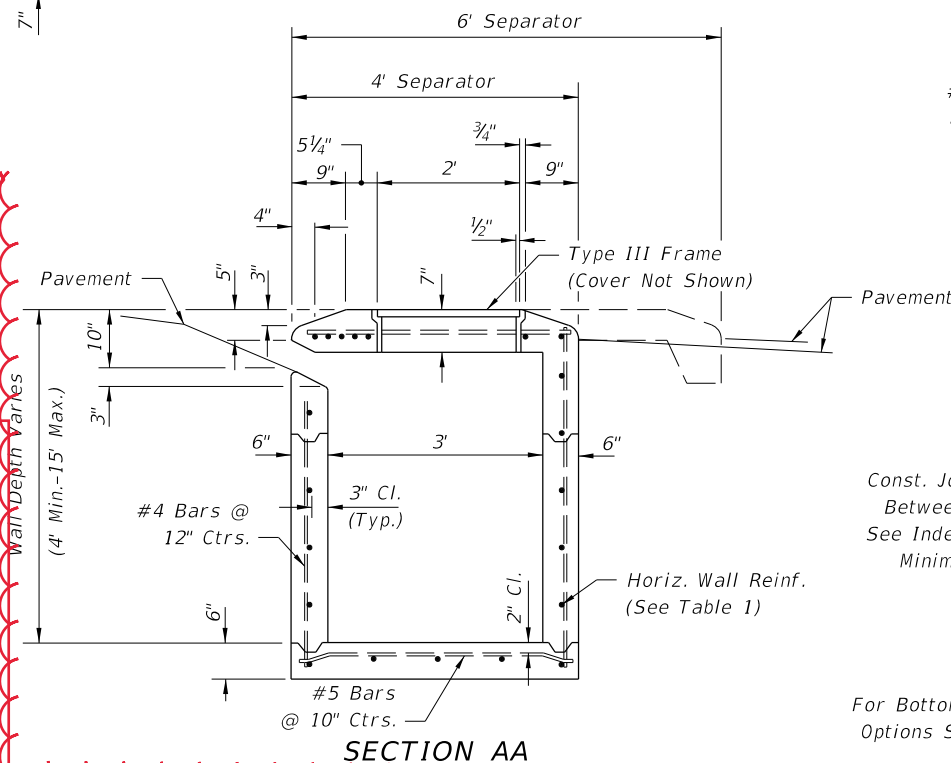
REINFORCING STEEL DIAGRAM TOP SLAB OF INLETS

#6 Bars - See Throat Detail and Reinforcing Diagram for Hook Arrangement

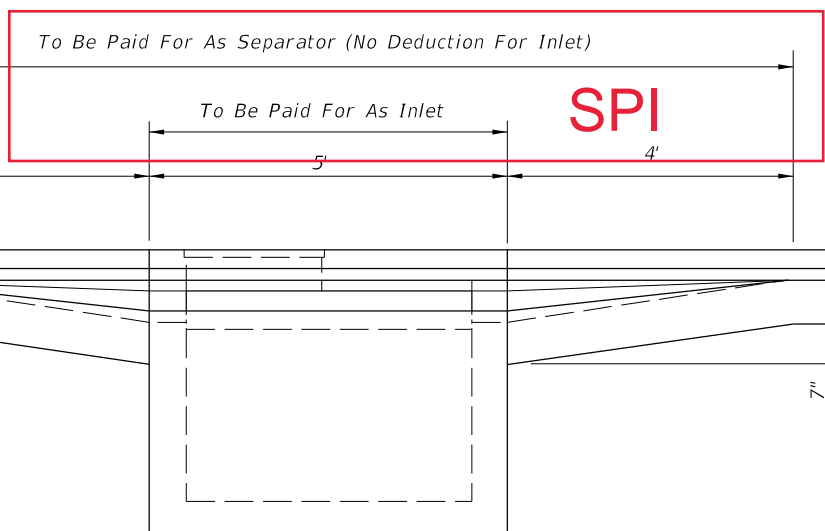


For Bottom Slab Rebar Embedment Options See Optional Construction Joints, Index 425-001

SECTION BB



SECTION AA



SPI

GENERAL NOTES

1. This inlet is used in Traffic Separators Types I and II; or, in separators constructed with Curbs Types A, B and E and sidewalk paving, which cannot accommodate Inlets Types 1, 2, 3, 4, 5, or 6. Use of this Inlet on through traffic side of the separator is not permitted in medians with Curb Types A and B. Locate inlet outside of pedestrian way.
2. All reinforcing to be Grade 60 bars with 2" min. cover unless otherwise shown. See Index 425-001 for equivalent area of welded wire fabric. Cut or bend bars out of way of pipe when necessary. Bars to clear pipe by 1½"
3. Recommended maximum pipe sizes are 24" longitudinal and 30" transverse. For larger pipe, inlets with Alt. B bottoms, Index 425-010 are recommended.
4. For supplementary details see Index 425-001.
5. All dimensions are for both precast and cast-in-place inlets unless otherwise shown.
6. Inlet to be paid for under the contract unit price for Inlets (Curb) (Type 7), Each.

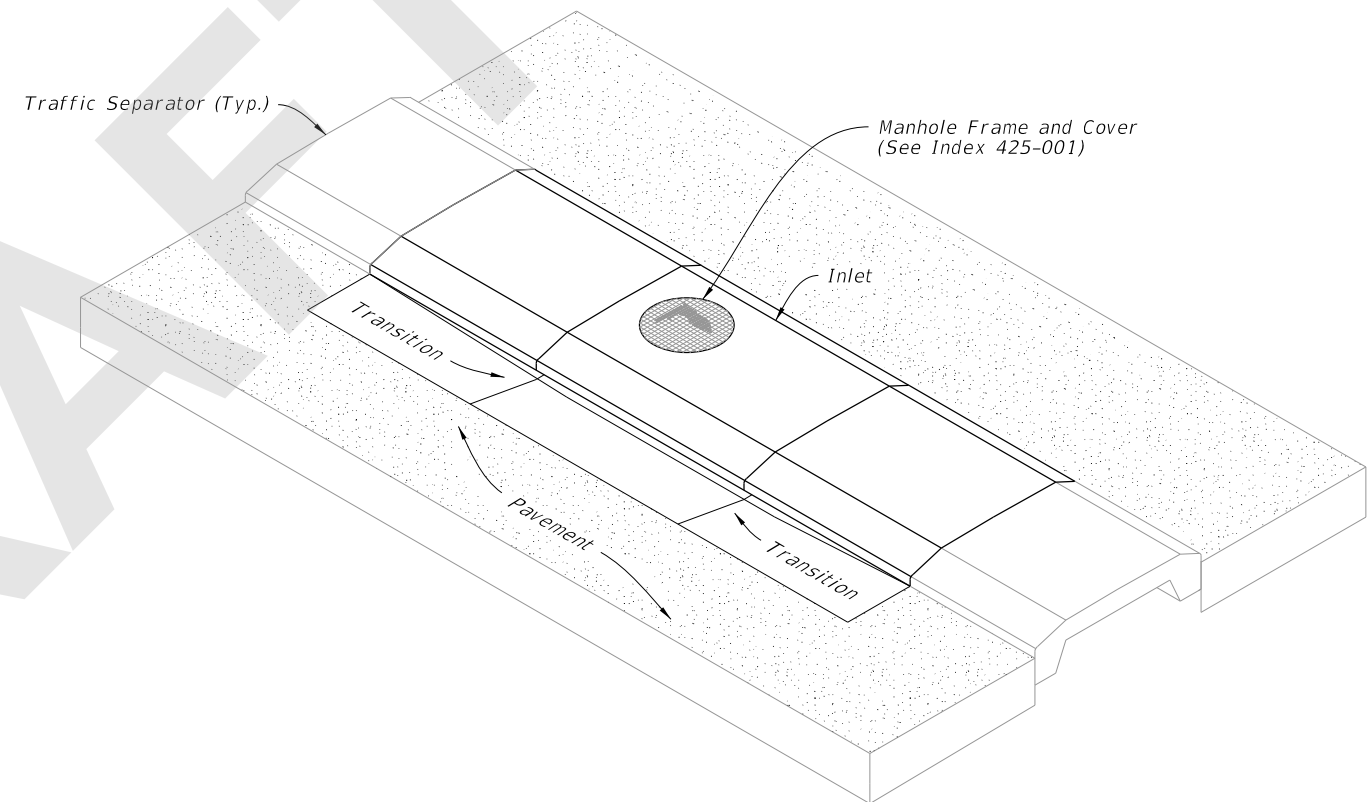
Updated Notes

9/18/2018 2:36:06 PM

LAST REVISION 11/01/17	DESCRIPTION: Updated Notes	FDOT FY 2019-20 STANDARD PLANS	CURB INLET TYPE 7	INDEX 425-022	SHEET 1 of 1
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GENERAL NOTES:

1. Work this Index with Index 425-001 and Index 425-010.
2. Use Grade 60 reinforcing bars with 2" minimum cover unless otherwise shown. See Index 425-001 for equivalent area of welded wire fabric. Cut or bend bars out of way of pipe when necessary. Bars to clear pipe by 1½".
3. Recommended maximum pipe sizes are 24" longitudinal and 30" transverse. For larger pipe, inlets with Alt. B bottoms, Index 425-010 is recommended.
4. All dimensions are for both precast and cast-in-place inlets unless otherwise shown.

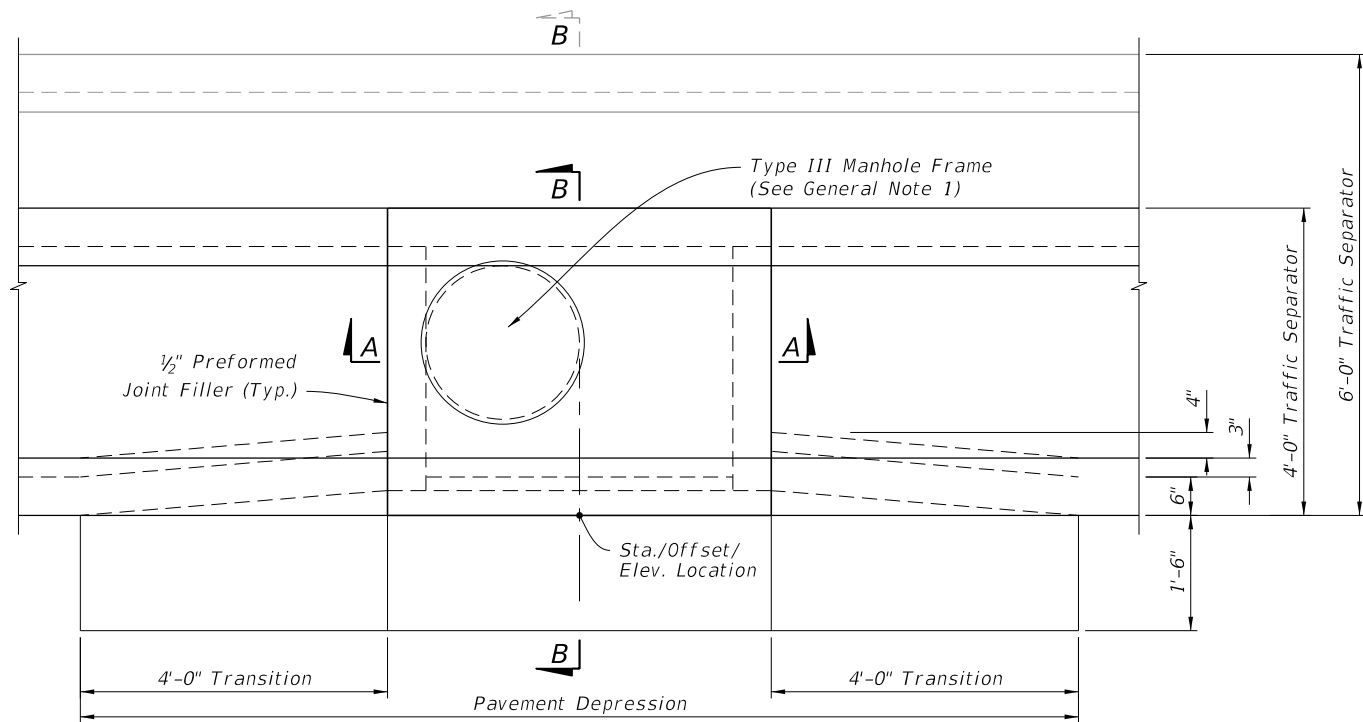


DRAFT

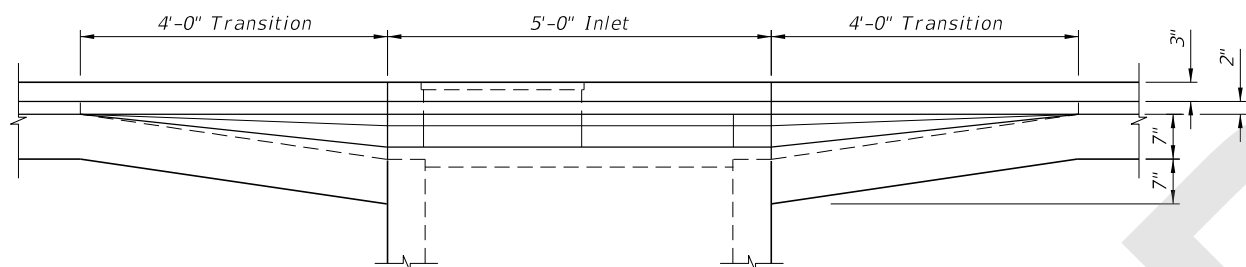
CURB INLET TYPE 7
(Bottom Not Shown)

8/31/2020 11:55:35 AM

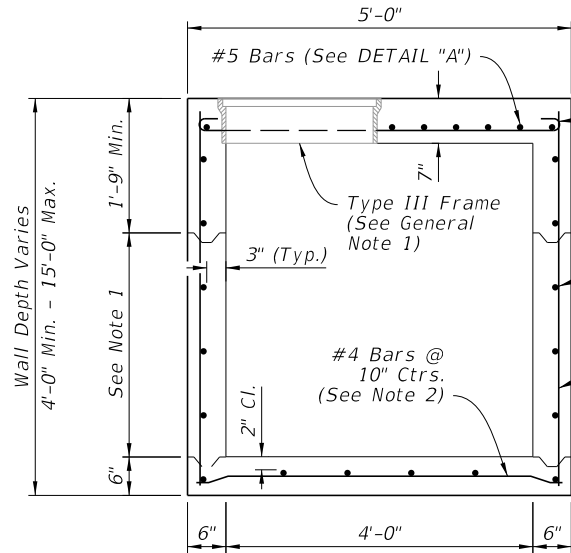
LAST REVISION 11/01/20	REVISION	DESCRIPTION:	 FY 2021-22 STANDARD PLANS	CURB INLET TYPE 7	INDEX 425-022	SHEET 1 of 2
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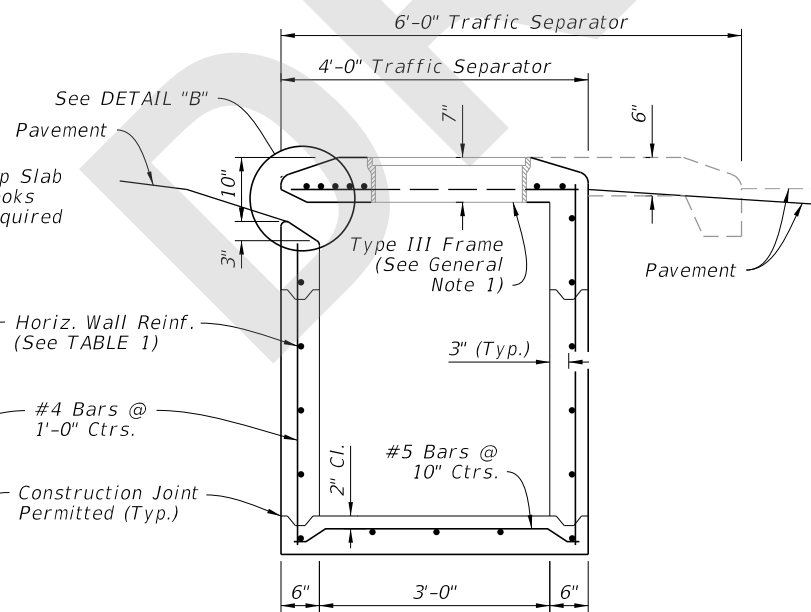
PLAN



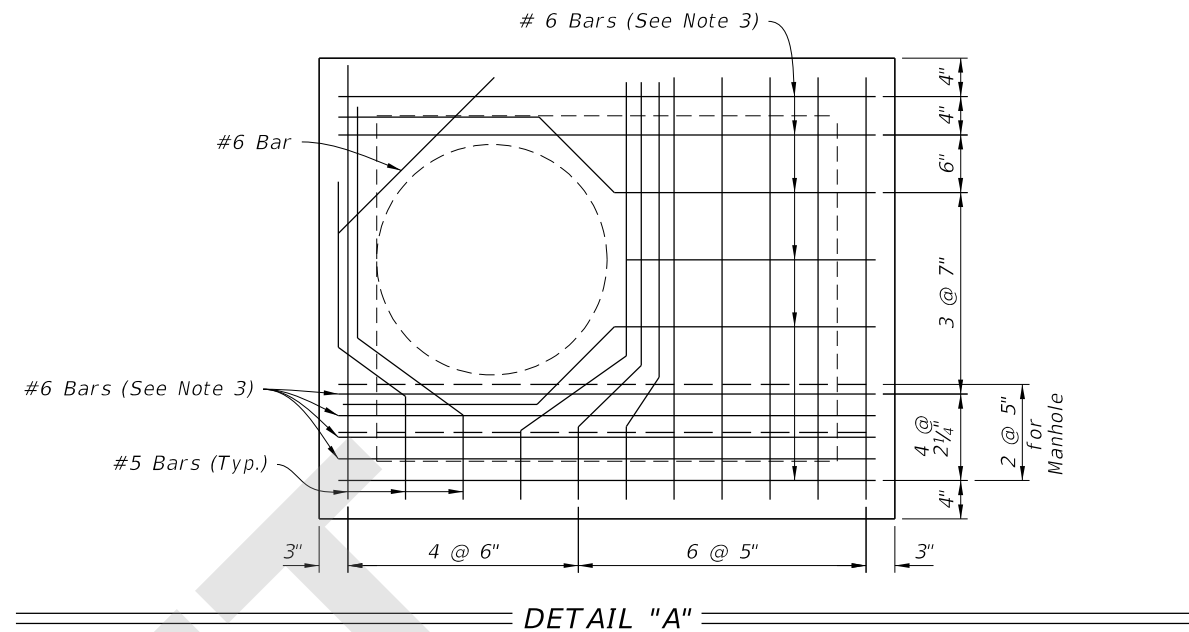
FRONT ELEVATION



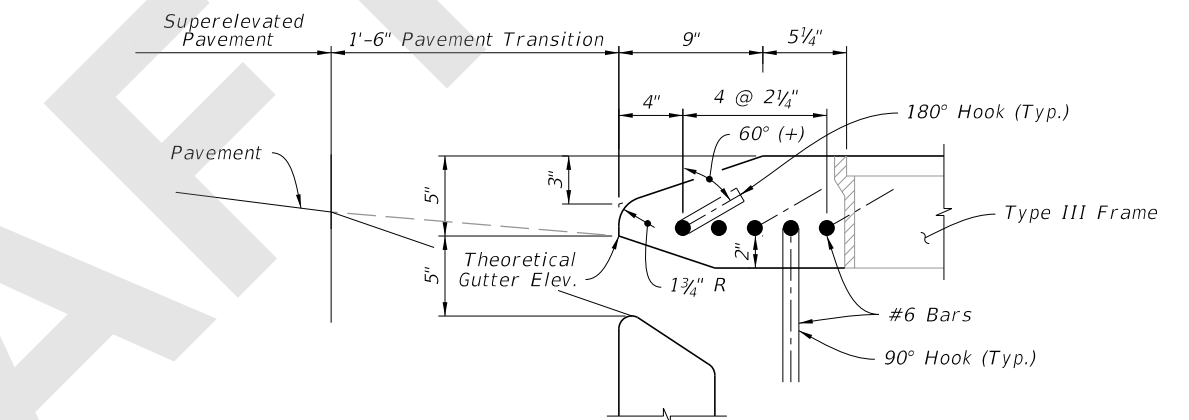
SECTION A-A



SECTION B-B



DETAIL "A"



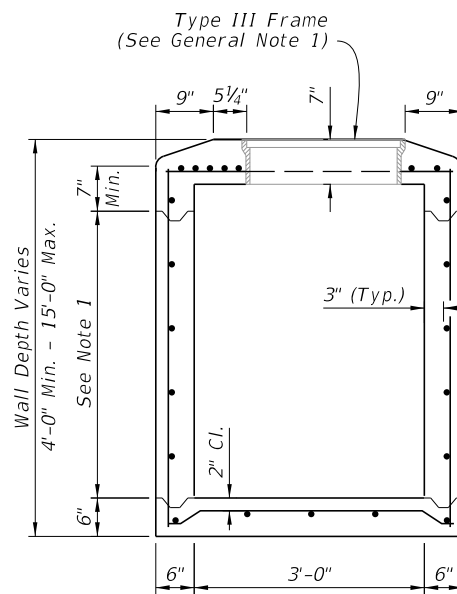
DETAIL "B"

NOTES:

1. Construction joints permitted between these limits. See Index 425-001 for minimum dimensions.
2. For bottom slab rebar embedment options, see optional construction joints, Index 425-001.
3. ACI standard hooks required each end of straight bars and right end of bent bars: 180° hooks, canted 60°(+), on odd bars; 90° hooks, down, on even bars numbered from throat side.

TABLE 1 - HORIZONTAL WALL REINFORCING SCHEDULE

WALL DEPTH	SCHEDULE	AREA (in. ² /ft.)	MAX. SPACING	
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10' - 13'	A4	0.20	4"	3"
10' - 15'	B5.5	0.24	5 1/2"	5"



MANHOLE MODIFICATION

8/31/2020 11:55:41 AM

LAST REVISION 11/01/20	DESCRIPTION:
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FY 2021-22
STANDARD PLANS

CURB INLET TYPE 7

INDEX
425-022

SHEET
2 of 2