ORIGINATION FORM -

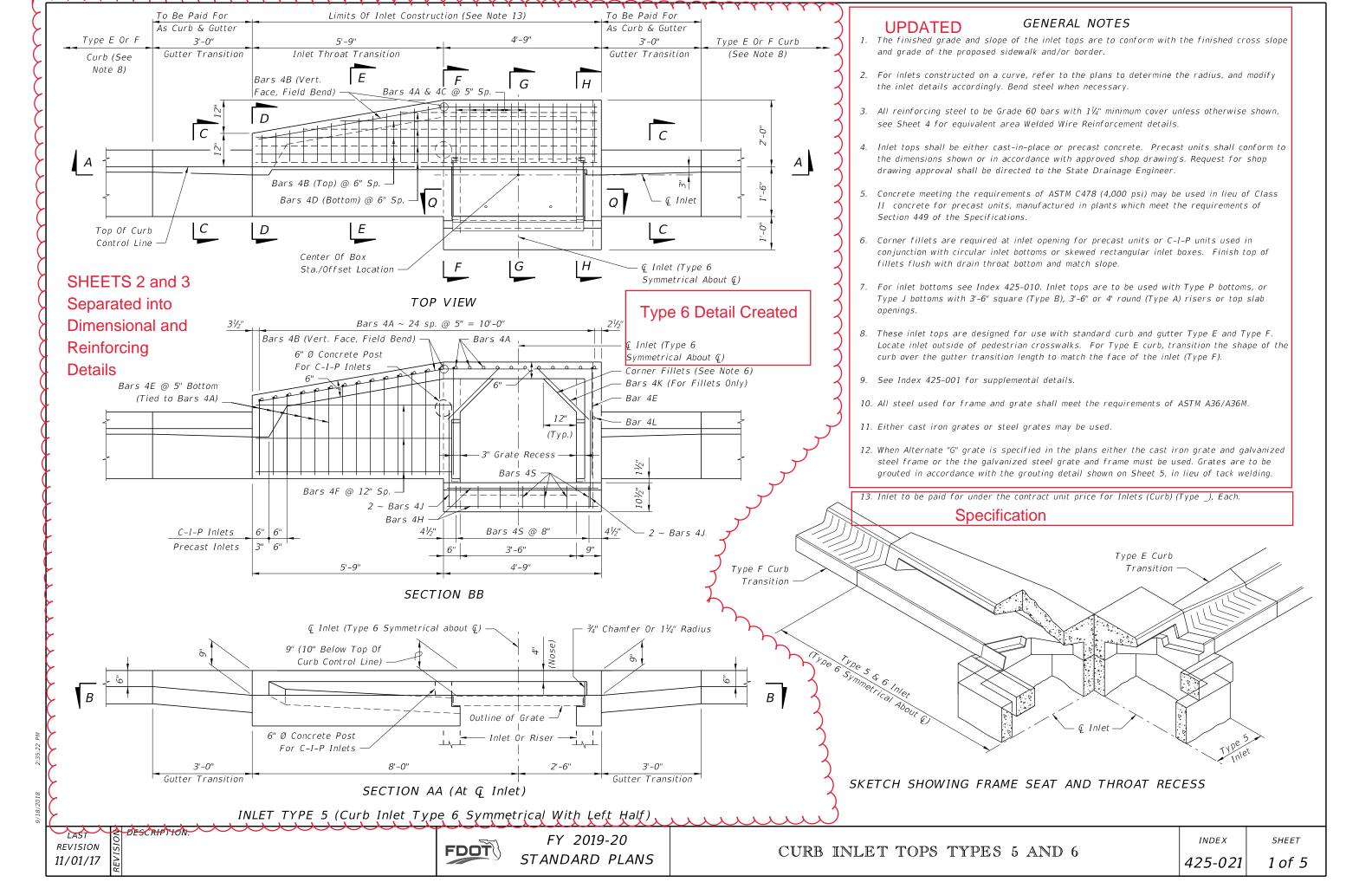
Proposed Revisions to a Standard Plans Index

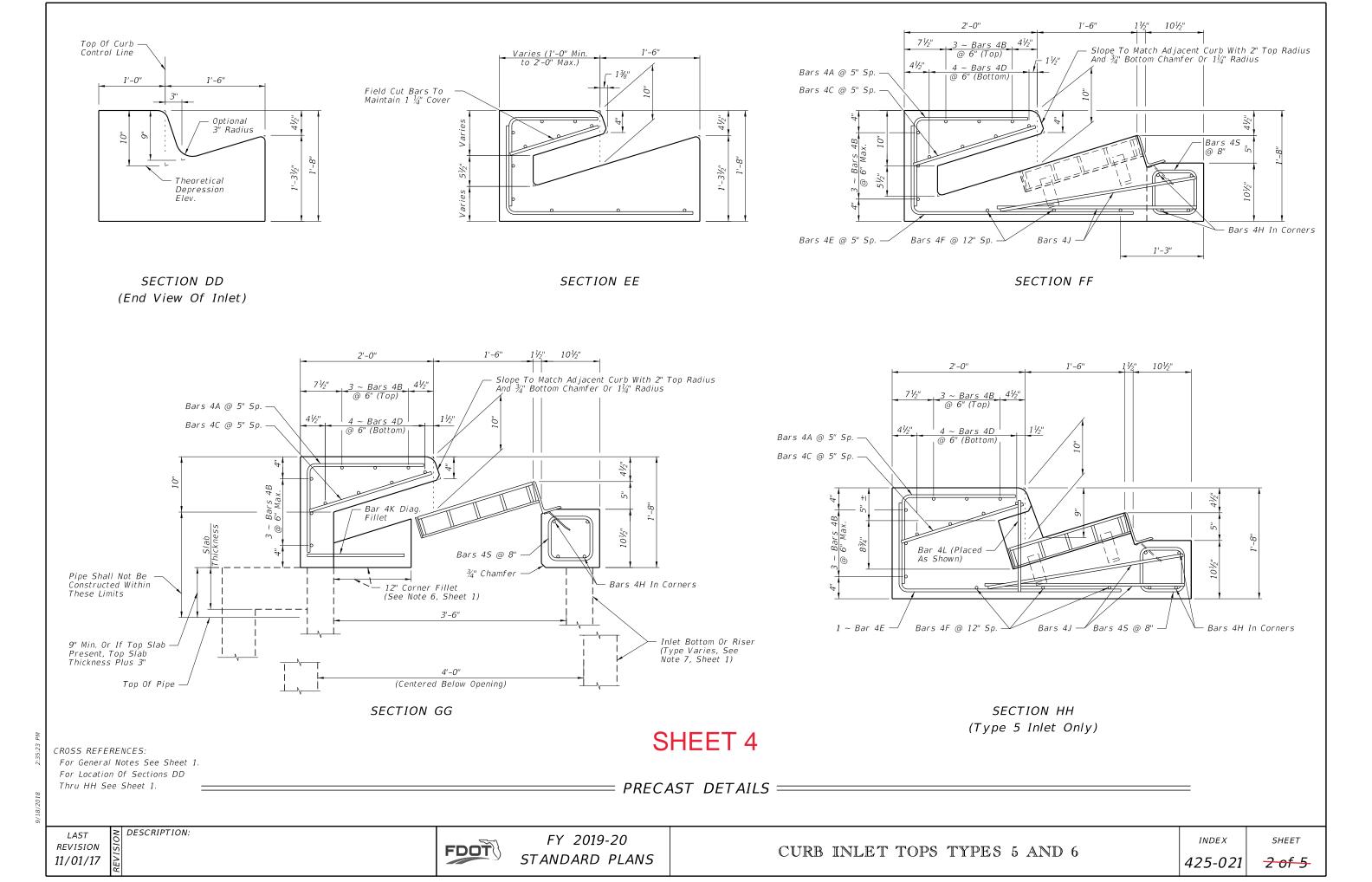
(Please provide all information — Incomplete forms will be returned)

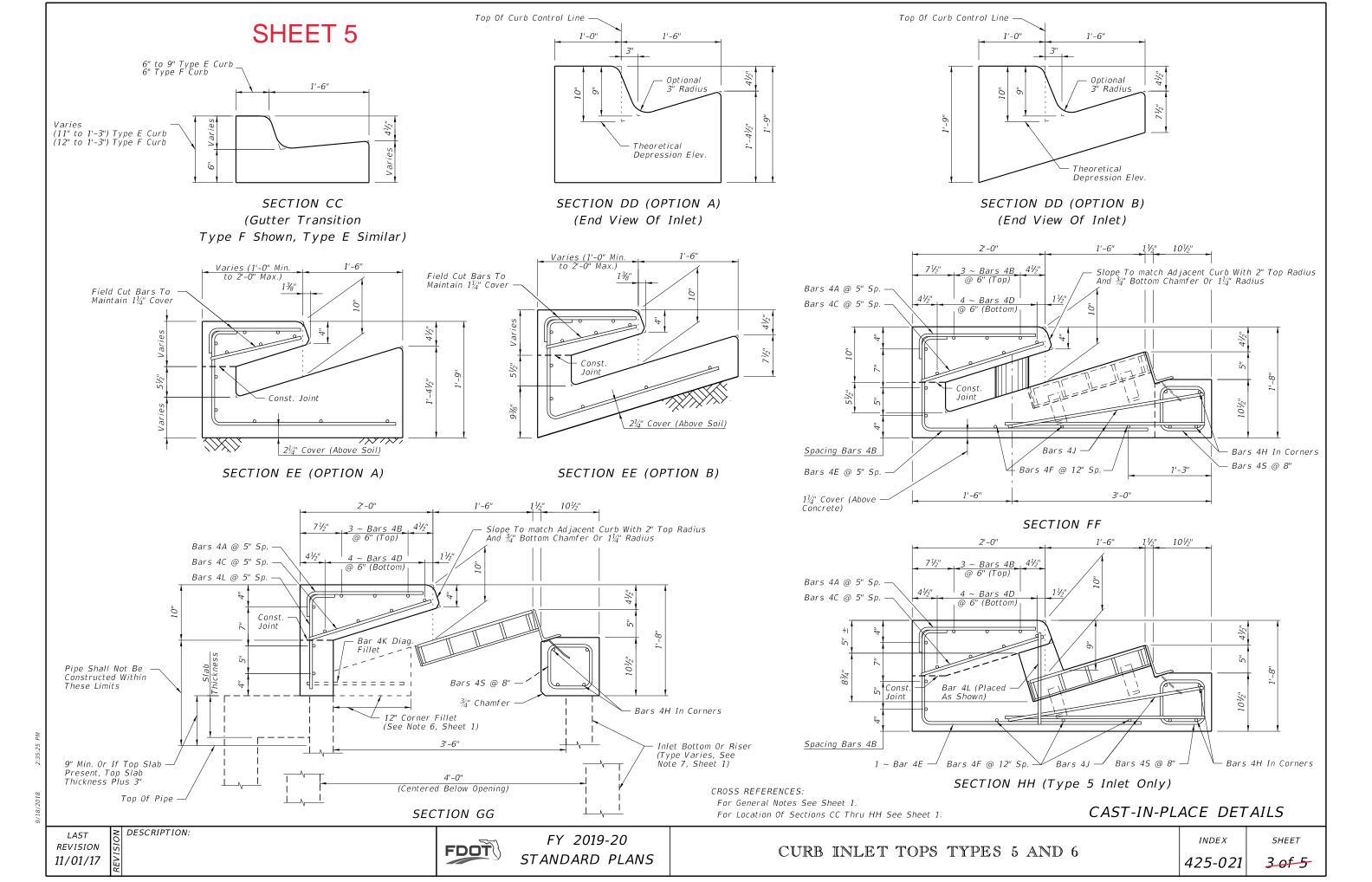
	(1 lease provide an information	meompiece forms win be recurred;		
<u>Contact</u>	: Information:	Standard Plans:		
Date: No	ovember 10, 2019	Index Number: 425-021		
Originato	r: Tim Holley	Sheet Number (s): ALL		
Phone: ((850) 414-4117	Index Title: Curb Inlet Tops Types 5 and 6		
Email: Ti	im.Holley@dot.state.fl.us			
<u>Summa</u>	ry of the changes:			
Sheet Sheet Sheet Sheet Sheet	anized Index, Added additional Sheet. 1: General Notes 2: Dimensional Details 3: Reinforcing and Bar Bending Details 4: Precast Dimensional and Reinforcing Details 5: Cast-in-place Dimensional and Reinforcing Deta 6: Alternate Welded Wire Reinforcing Details 7: Grate, Anchor, and Grouting Details	ils		
Reorg decre	entary / Background: ganized Details and Sheets to declutter Index. Move as a clutter of the drawing. Separated details into a conference of the drawing. (Provide name of the diffected Offices / Documents:			
	No			
	Other Standard Plans –			
	☐ FDOT Design Manual —			
H	☐ Basis of Estimates Manual —			
	Standard Specifications –			
	Approved Product List –Construction –			
	Maintenance –			
<u>Origina</u>	ation Package Includes:	Implementation:		
-	r hand deliver package to Rick Jenkins)	☐ Design Bulletin (Interim)		
Yes N	7A Redline Mark-ups	☐ DCE Memo☐ Program Mgmt. Bulletin		
	Proposed Standard Plan Instruction (SPI)	Frogram Wight. Bulletin Frogram Wight. Bulletin Frogram Wight. Bulletin		
	Revised SPI	Staridard Flans (New Neledse)		
	Other Support Documents			

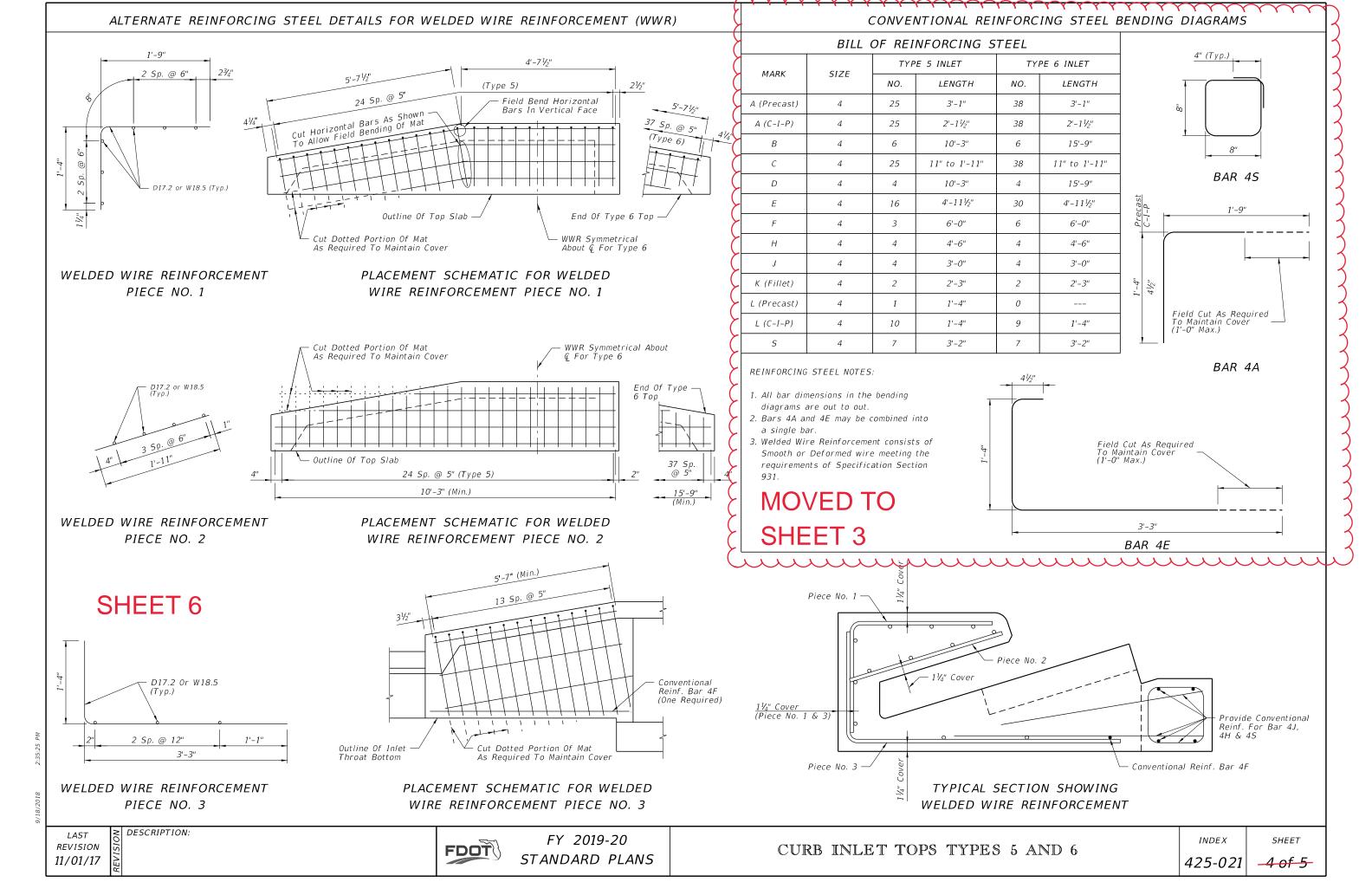
Contact the Roadway Design Office for assistance in completing this form

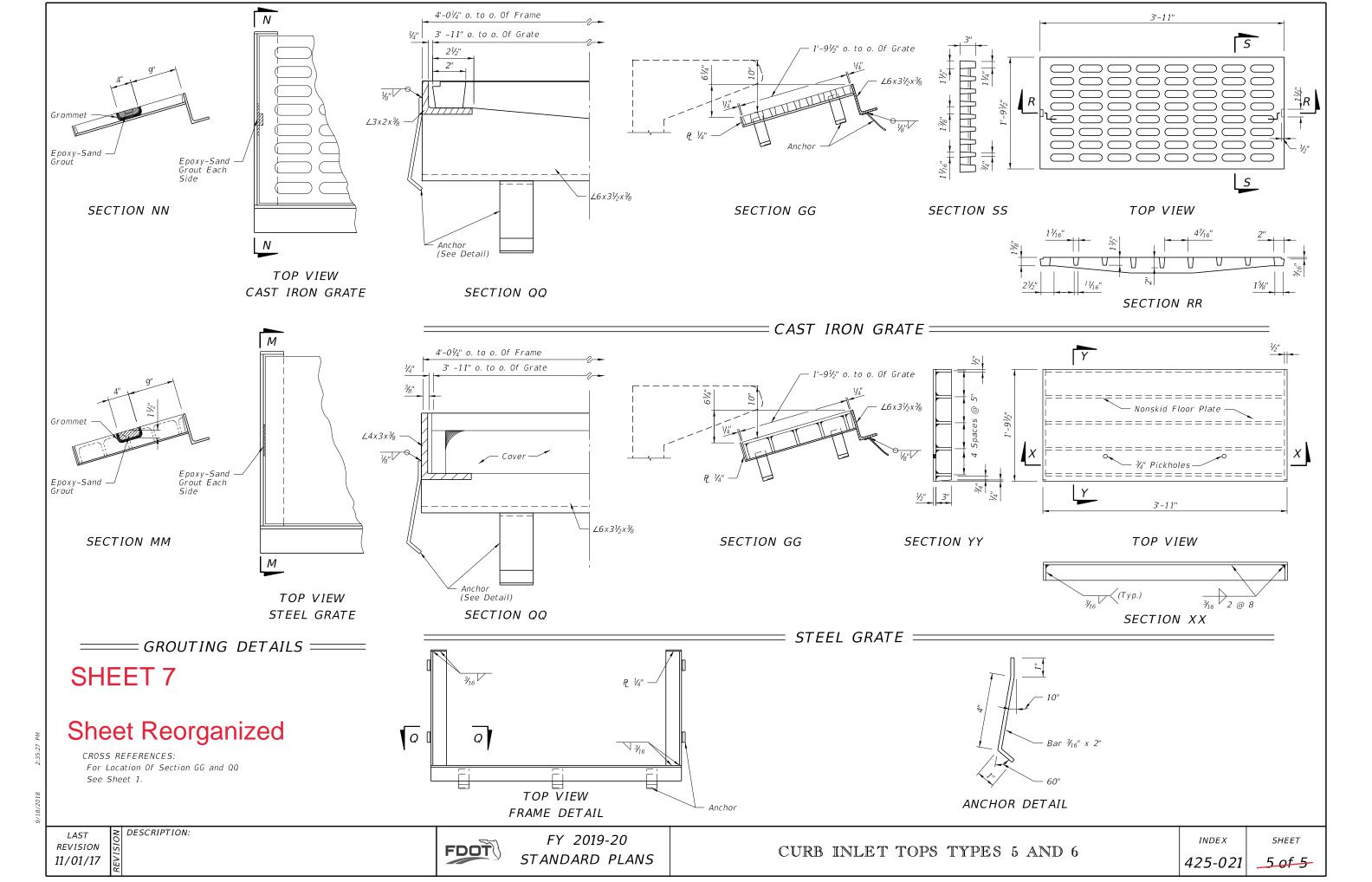
1.







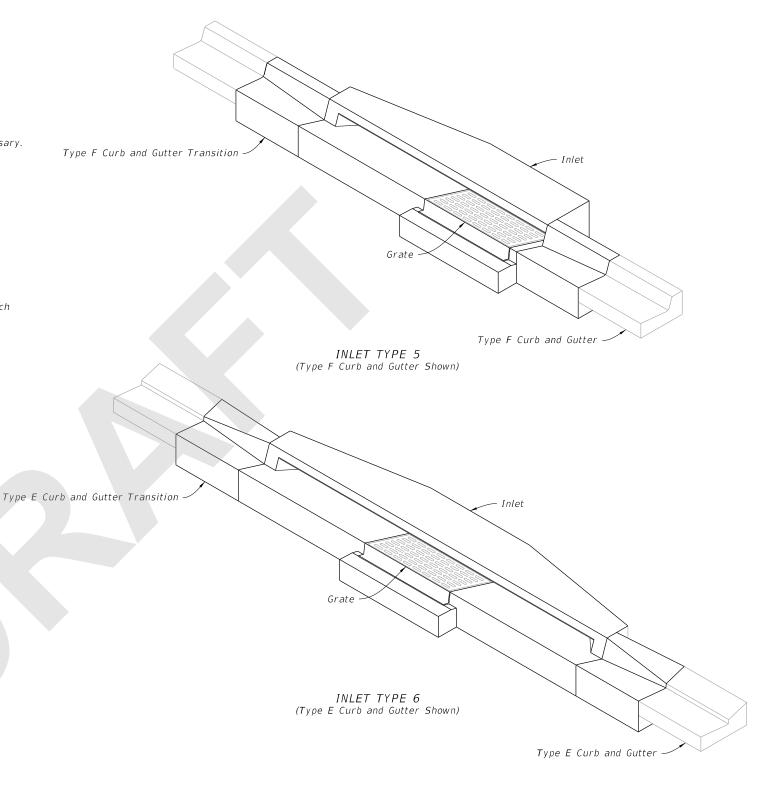




GENERAL NOTES:

- 1. Work this Index with Index 425-001 and Index 425-010.
- 2. Conform the finished grade and slope of the inlet tops with the finished cross slope and grade of the proposed sidewalk and/or border.
- 3. For inlets constructed on a curve, refer to the plans to determine the radius. Bend steel when necessary.
- 4. Use Grade 60 reinforcing bars with $1\frac{1}{4}$ " minimum cover unless otherwise shown, see Sheet 6 for equivalent area Welded Wire Reinforcement details.
- 5. Inlet tops may be either cast-in-place or precast concrete. Conform precast units to the dimensions shown or in accordance with approved shop drawings.
- 6. Corner fillets are required at inlet opening for precast units or C-I-P units used in conjunction with circular inlet bottoms or skewed rectangular inlet boxes. Finish top of fillets flush with drain throat bottom and match slope.
- 7. For Type E curb and gutter, transition the shape of the curb over the gutter transition length to match the face of the inlet (Type Ft).
- 8. Meet the requirements of ASTM A36/A36M with steel used for frames and grates.
- 9. Use either cast iron grates or steel grates.

TABLE OF CONTENTS:						
Sheet	Description					
1	General Notes and Contents					
2	Type 5 and 6 Dimensional Details					
3	Type 5 and 6 Reinforcing and Bar Bending Details					
4	Precast Dimensional and Reinforcing Details					
5	Cast-In-Place Dimensional and Reinforcing Details					
6	Alternate Welded Wire Reinforcing (WWR) Details					
7	Grate, Anchor, and Grouting Details					

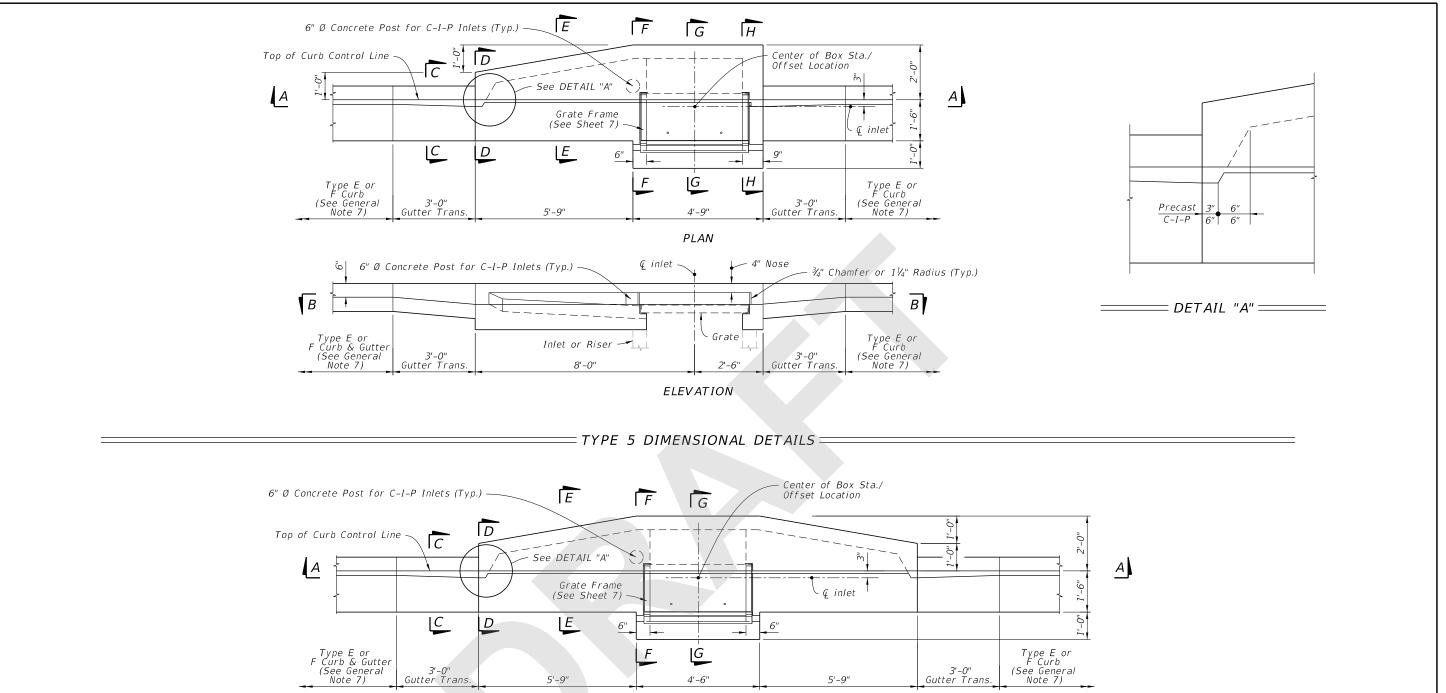


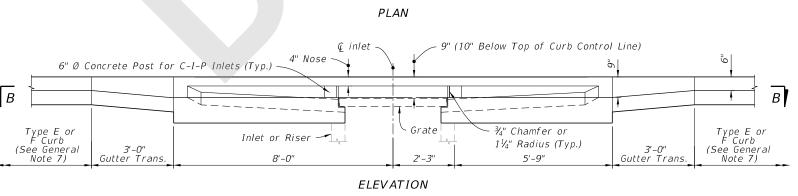
= CURB INLETS TOPS ===

REVISION 11/01/20

DESCRIPTION:







= TYPE 6 DIMENSIONAL DETAILS =

TYPE 5 AND 6 DIMENSIONAL DETAILS

LAST REVISION 11/01/20

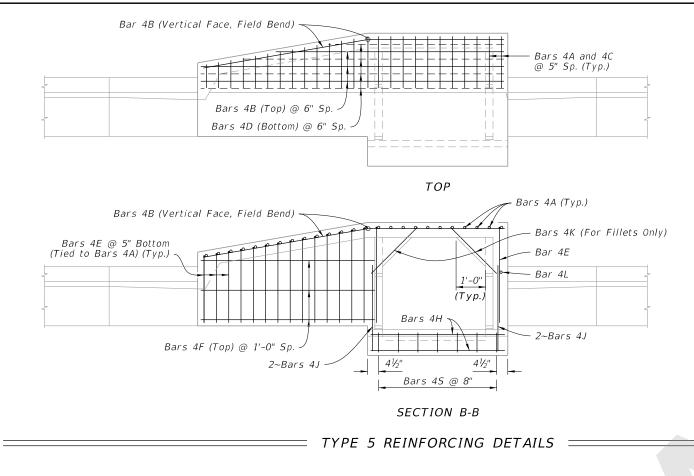
FDOT

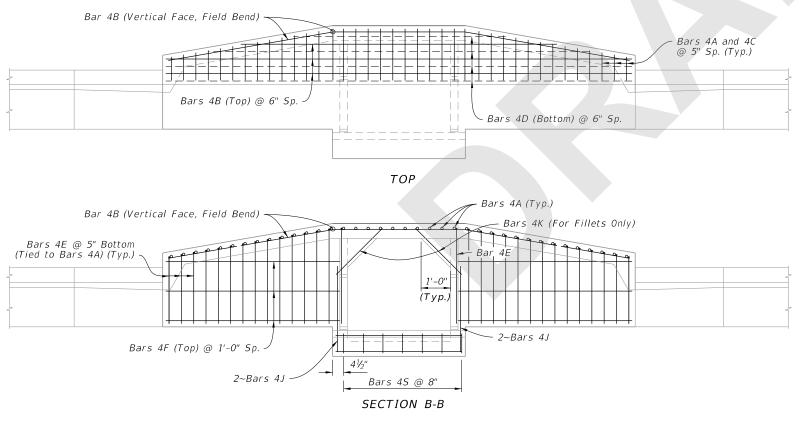
FY 2021-22 STANDARD PLANS

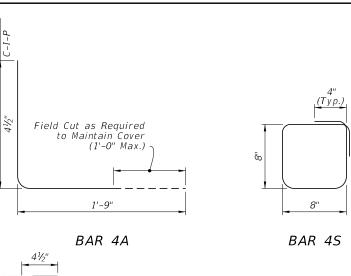
CURB INLET TOP TYPES 5 AND 6

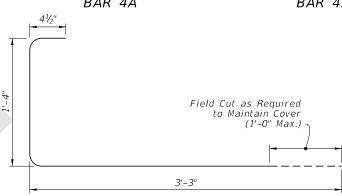
425-021

SHEET 2 of 7









BAR 4E

·	BIL	L OF RE	INFORCING STE	EL	
MARK	SIZE	TYPE 5 INLET		TYPE 6 INLET	
MARK		NO.	LENGTH	NO.	LENGTH
A (Precast)	4	25	3'-1"	38	3'-1"
A (C-I-P)	4	25	2'-11/2"	38	2'-11/2"
В	4	6	10'-3"	6	15'-9"
С	4	25	11" to 1'-11"	38	11" to 1'-11"
D	4	4	10'-3"	4	15'-9"
Ε	4	16	4'-111½"	30	4'-11½"
F	4	3	6'-0"	6	6'-0"
Н	4	4	4'-6"	4	4'-6"
J	4	4	3'-0"	4	3'-0"
K (Fillet)	4	2	2'-3"	2	2'-3"
L (Precast)	4	1	1'-4"	0	
L (C-I-P)	4	10	1'-4"	9	1'-4"
5	4	7	3'-2"	7	3'-2"

NOTES:

- 1. All bar dimensions in the bending diagrams are out to out.
- 2. Bars 4A and 4E may be combined into a single bar.
- 3. Welded Wire Reinforcement consists of smooth or deformed wire meeting the requirements of Specification 931.

TYPE 5 AND 6 REINFORCING AND BAR BENDING DETAILS

REVISION 11/01/20

DESCRIPTION:

FDOT

TYPE 6 REINFORCING DETAILS

FY 2021-22 STANDARD PLANS

CURB INLET TOP TYPES 5 AND 6

INDEX SHEET 425-021

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