ORIGINATION FORM -

Proposed Revisions to a Standard Plans Index

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

Contact Information:

Standard Plans:

Date: June 16, 2021 Originator: Joshua Turley Phone: (850) 414-4475 Email: joshua.turley@dot.state.fl.us **Summary of the changes:** Index Number: 521-660 Sheet Number (s): Sheets 1-4 of 4 Index Title: Light Pole Pedestal - Bridge

An option was included to allow for slip forming of the traffic barrier at the pedestal location. A gap was included between the barrier and pedestal to facilitate this.

Commentary / Background:

Contractor request in order to save time and materials required to form barrier separately at light pedestal locations.

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

Yes	No	
	\checkmark	Other Standard Plans –
	\checkmark	FDOT Design Manual –
	\checkmark	Basis of Estimates Manual

- Standard Specifications –
- 🔲 🛛 🖌 Approved Product List –
- Construction –
- 🔲 🗹 Maintenance –

Origination Package Includes:

(Email or hand deliver package to Rick Jenkins)

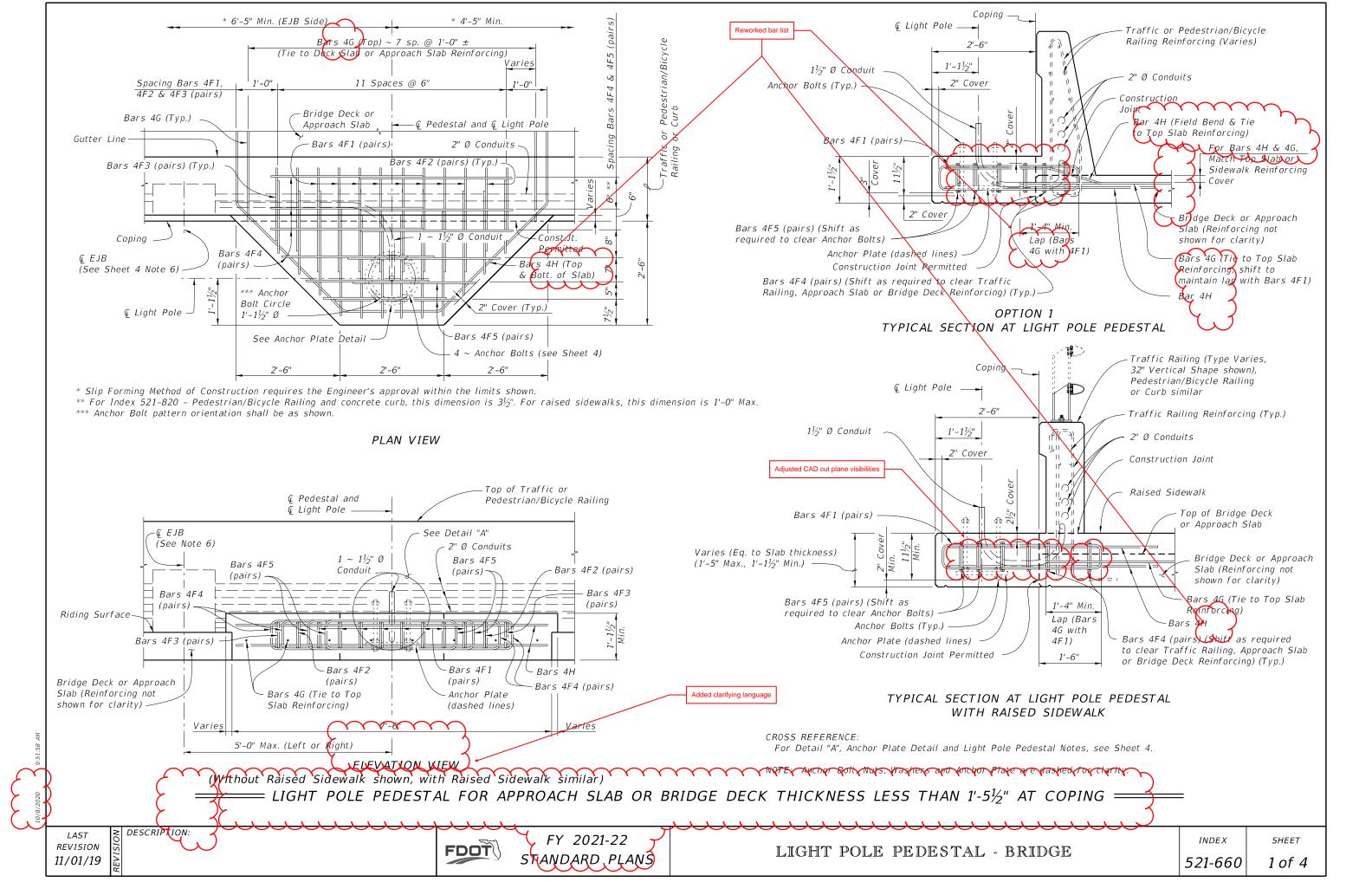
- Yes N/A
- Redline Mark-ups

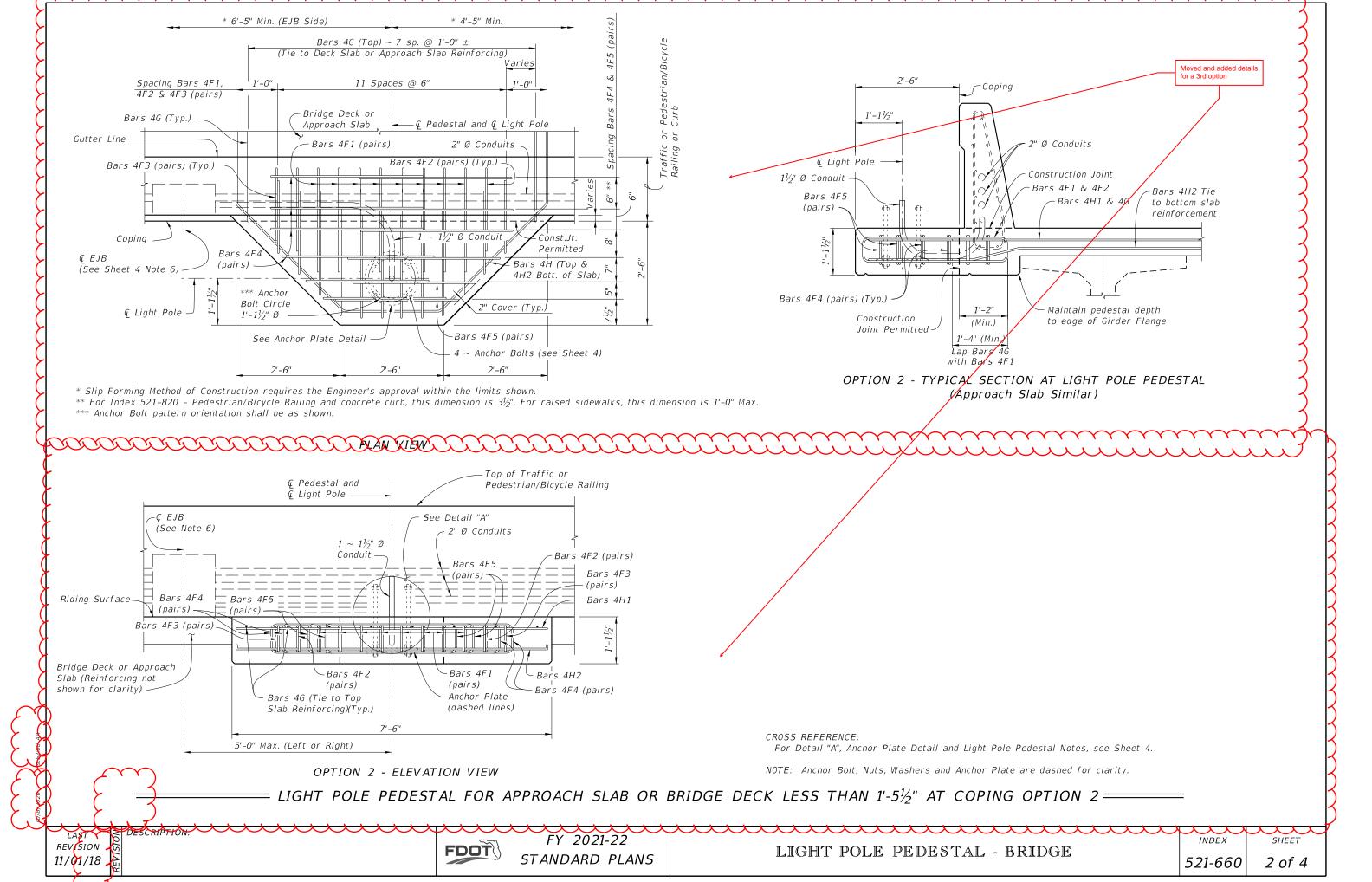
- Proposed Standard Plan Instruction (SPI)
- Revised SPI
 - Other Support Documents

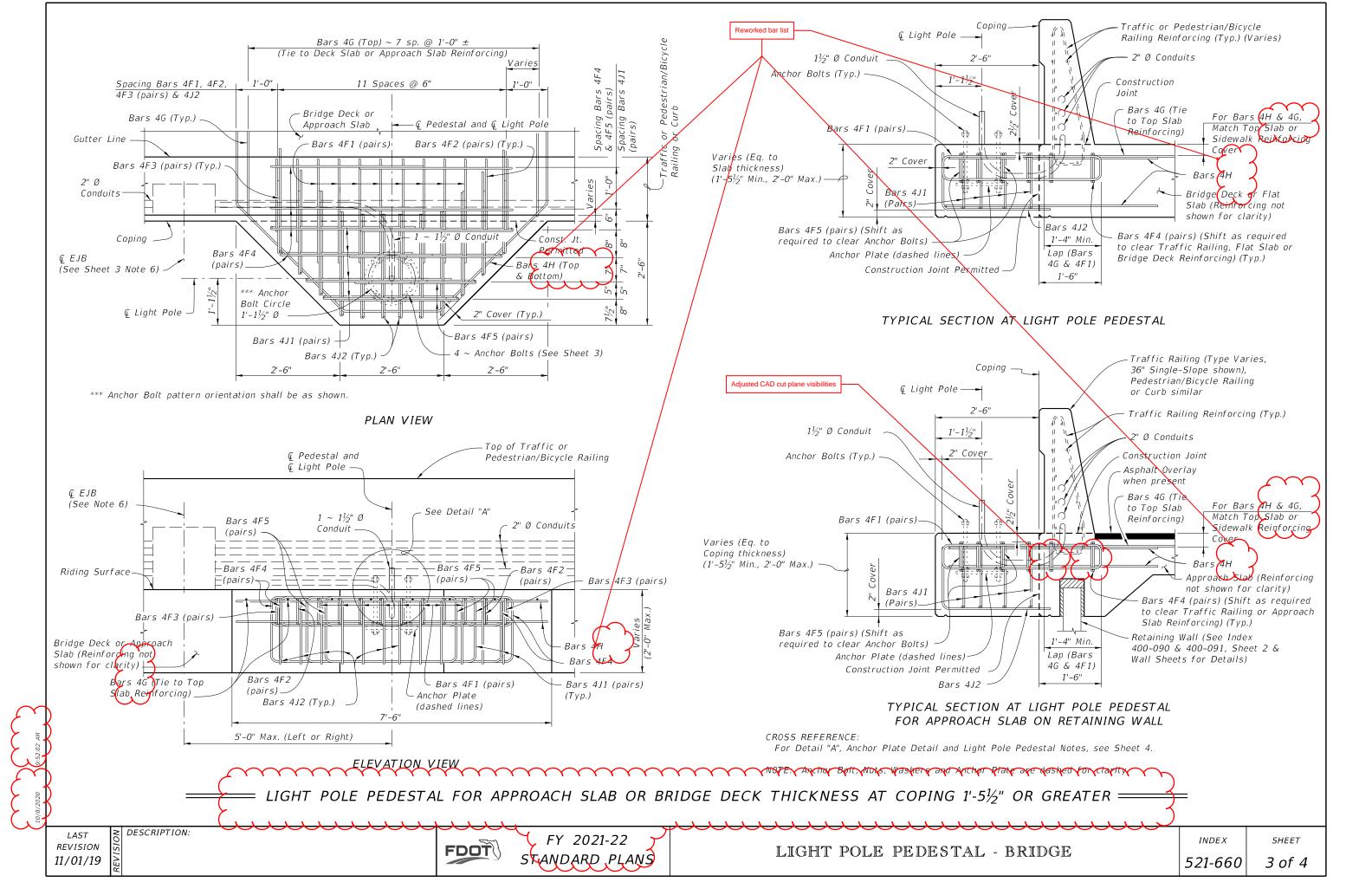
Implementation:

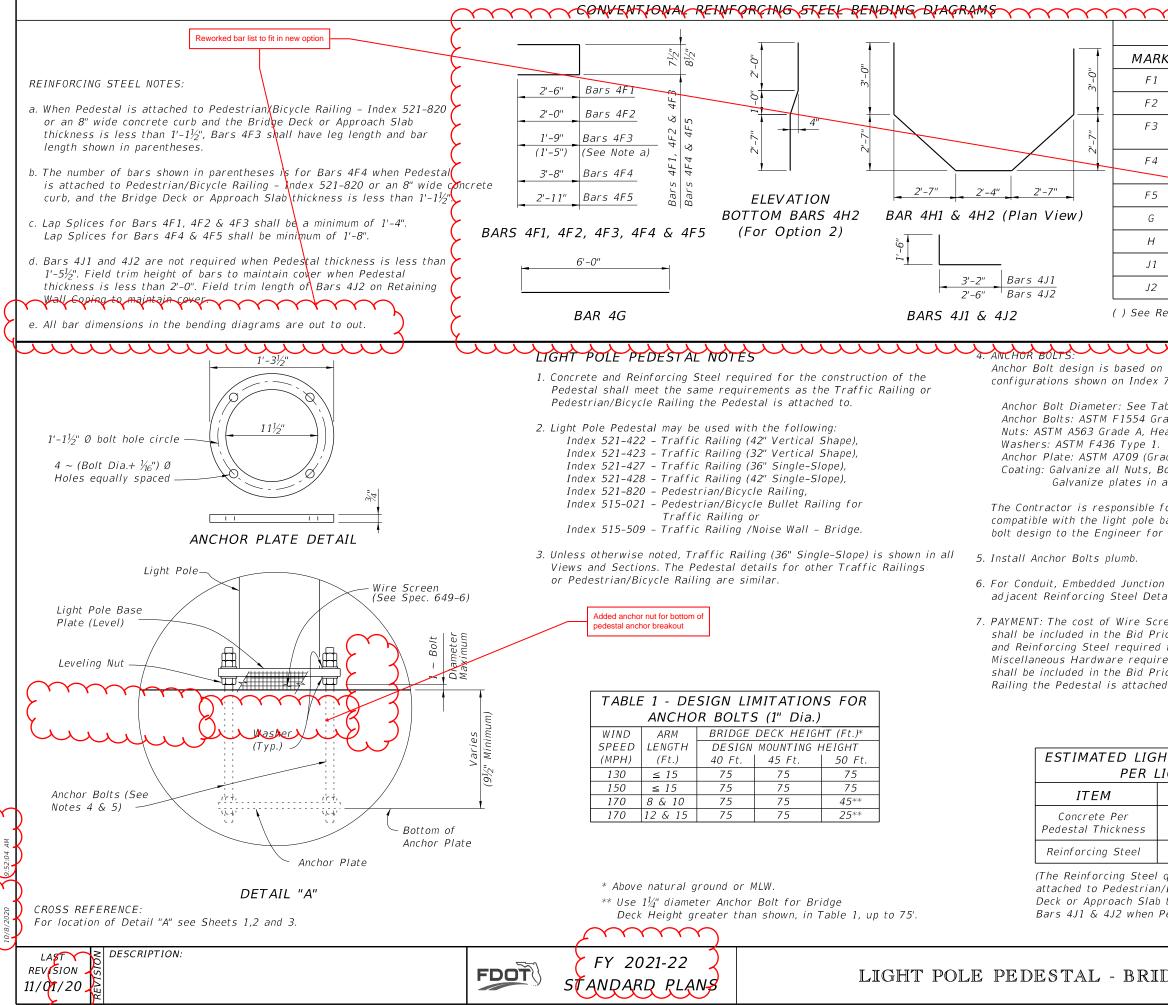
- Design Bulletin (Interim)
- DCE Memo
- Program Mgmt. Bulletin
- ✓ FY-Standard Plans (Next Release)

— Contact the Roadway Design Office for assistance in completing this form — Email to: Rick Jenkins <u>rick.jenkins@dot.state.fl.us</u> and Darren Martin <u>darren.martin@dot.state.fl.us</u>

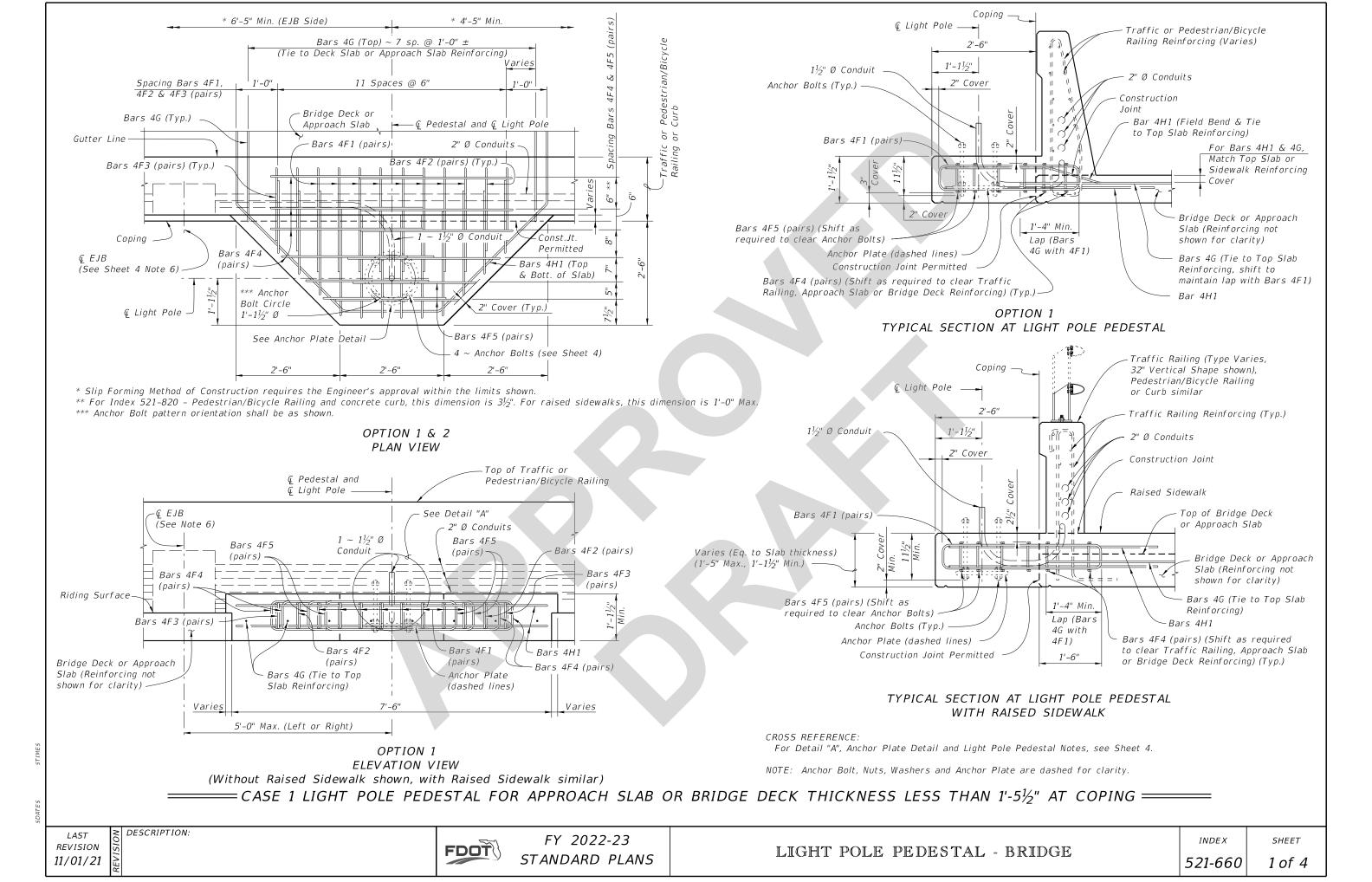


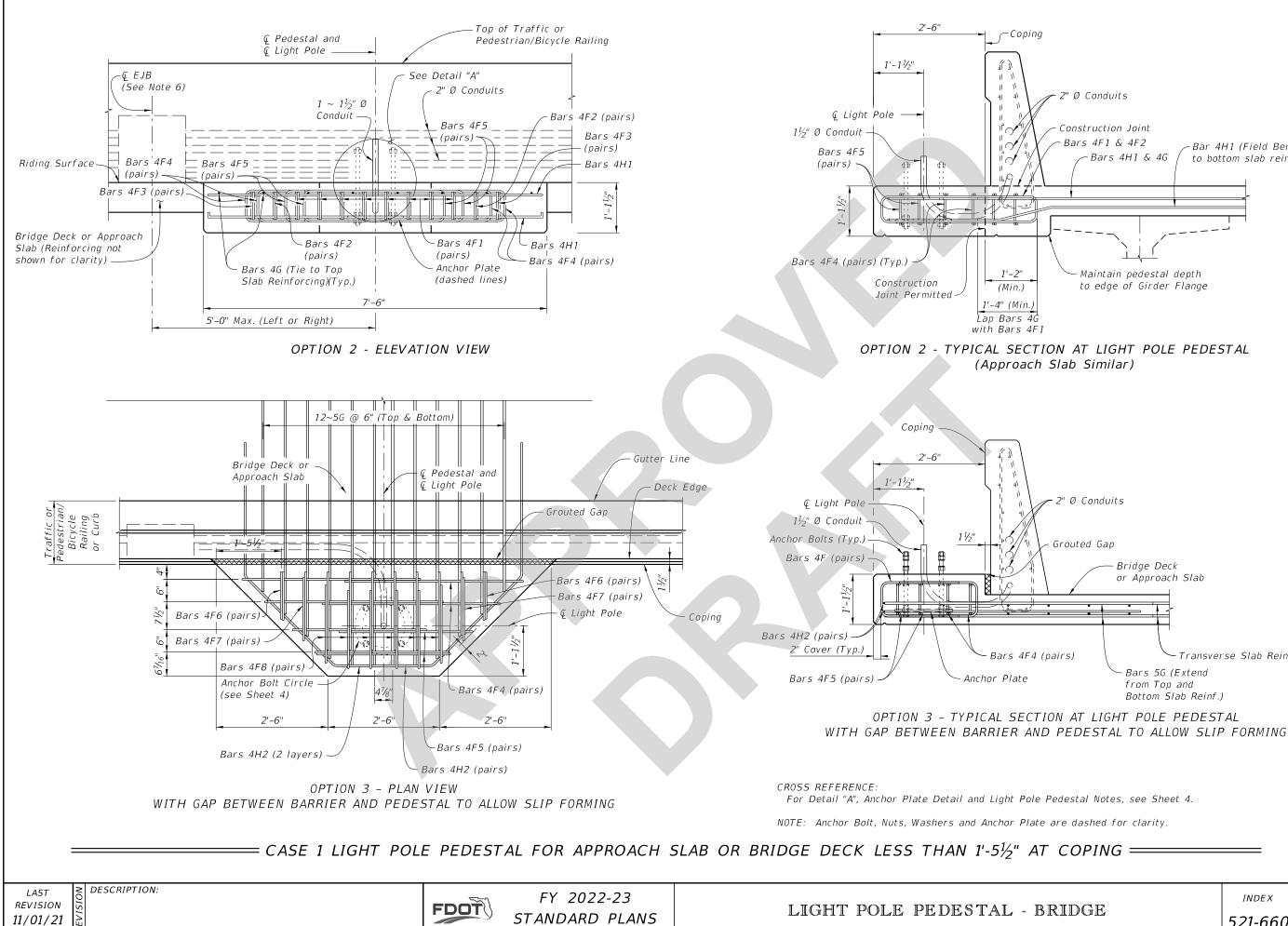




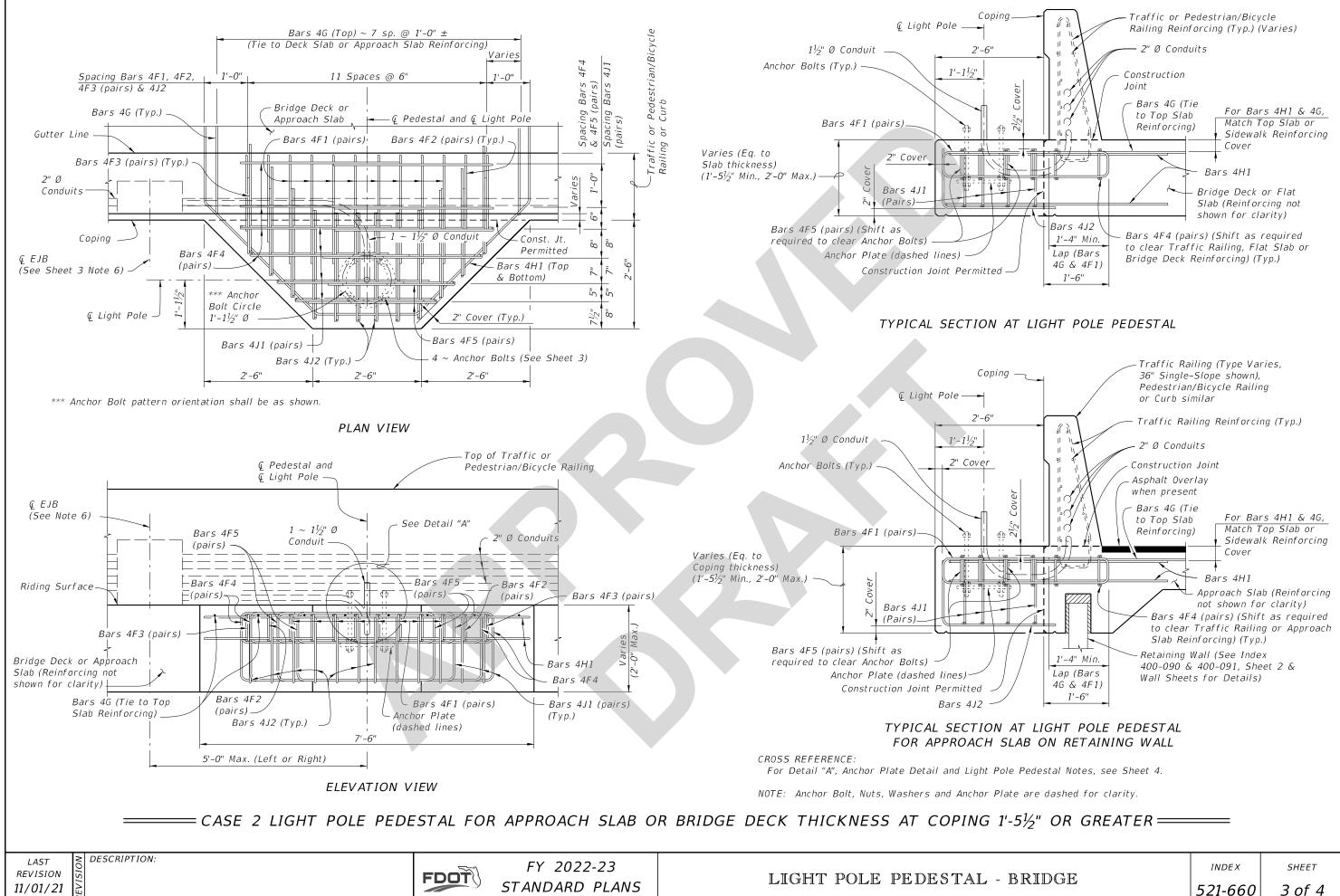


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	BILL OF	REINFORC	TING STEE	EL
	SIZE	NO. REQD	. LENGTH	NOTES
	4	16	5'-8''	С
	4	4	4'-8''	С
	4	4	4'-2'' (3'-6'')	а, с
	4	8 (6)	8'-3''	b, c
	4	4	6'-7''	С
	4	8	6'-0''	_
	4	2	15'-8"	_
_	4	8	4'-8''	d
-	4	12	4'-0''	d
			4-0	ŭ
t o	rcing Steel N	ote a & b.		
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y−l	55. Hex.	26		
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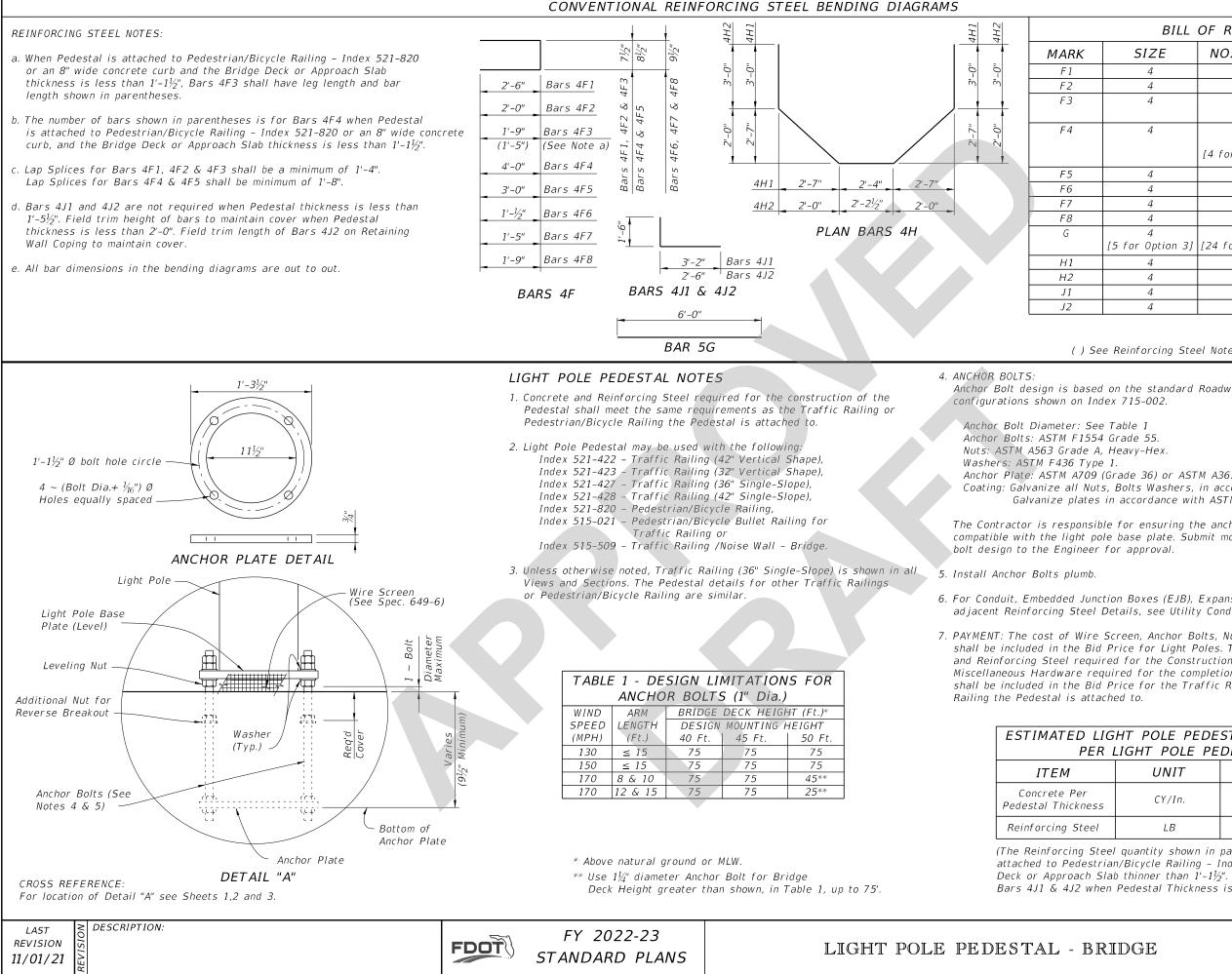




2" Ø Conduits Construction Joint - Bars 4F1 & 4F2 Bar 4H1 (Field Bend & Tie -Bars 4H1 & 4G to bottom slab reinforcing) Maintain pedestal depth to edge of Girder Flange 2" Ø Conduits Grouted Gap Bridge Deck or Approach Slab - Transverse Slab Reinf. Bars 5G (Extend from Top and Bottom Slab Reinf.) INDEX SHEET 521-660 2 of 4



DAE	INDEX	SHEET
DGE	521-660	3 of 4



BILL	OF REINFORC	ING STEEL	
SIZE	NO. REQD.	LENGTH	NOTES
4	16	5'-8''	С
4	4	4'-8''	С
4	4	4'-2" (3'-6")	а, с
4	8 (6) [4 for Option 3]	8'-9''	b, c
4	4	6'-9"	С
4	4	2'-11''	-
4	4	3'-8''	-
4	12	4'-4''	-
4 for Option 3]	8 [24 for Option 3]	6'-0"	_
4	2	15'-8''	_
4	2	13'-10''	-
4	8	4'-8''	d
4	12	4'-0''	d

() See Reinforcing Steel Note a & b.

Anchor Bolt design is based on the standard Roadway Aluminum Light Pole

Coating: Galvanize all Nuts, Bolts Washers, in accordance with ASTM F2329. Galvanize plates in accordance with ASTM A123.

The Contractor is responsible for ensuring the anchor bolt configuration is compatible with the light pole base plate. Submit modifications of the anchor

6. For Conduit, Embedded Junction Boxes (EJB), Expansion/Deflection Fitting and adjacent Reinforcing Steel Details, see Utility Conduit Detail Sheets and Index 630-010.

7. PAYMENT: The cost of Wire Screen, Anchor Bolts, Nuts, Washers and Anchor Plates shall be included in the Bid Price for Light Poles. The cost of all Labor, Concrete and Reinforcing Steel required for the Construction of the Pedestals, and Miscellaneous Hardware required for the completion of the Electrical System. shall be included in the Bid Price for the Traffic Railing or Pedestrian/Bicycle

HT POLE PEDESTAL QUANTITIES .IGHT POLE PEDESTAL					
UNIT	QUANTITY				
CY/In.	0.040				
LB	195 (182)				
quantity shown in parenthesis is for a Pedestal ρ /Bicycle Railing – Index 521–820 with Bridge ρ thinner than 1'–1½". Add 59 Lbs. for Pedestal Thickness is 1'–5½" or greater)					
DGE		INDEX	SHEET		

521-660

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