ORIGINATION FORM -

Proposed Revisions to a Standard Plans Index

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

Contact Information:

Date: May 31, 2023 Originator: Richard Stepp Phone: (850) 414-4313 Email: richard.stepp@dot.state.fl.us

Summary of the changes:

Standard Plans:

Index Number: 521-650 Sheet Number (s): 1,3 Index Title: Light Pole Pedestal - Wall Coping

Sheet 1: Table 1 - Changed the column headings to "Top of Pedestal Height (Ft.)" and "Luminaire Mounting Height"; Note 10 - Added Index 521-611 reference

Sheet 3: Detail "A" - Added minimum depth for base plate; Added new Anchor Plate Detail

Commentary / Background:

Sheet 1: The Table 1 column headings were revised to better define the height restrictions shown

Sheet 3: More information was provided to clarify the anchor plate design and placement. The new anchor plate detail is based on Index 521-660, Sheet 4.

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

- Yes No
- 🔲 🗹 Other Standard Plans –
- 🔲 🗹 FDOT Design Manual –
- Basis of Estimates Manual –
- Standard Specifications –
- 🛛 🛛 🗹 Approved Product List –
- Construction –
-] 🗹 Maintenance –

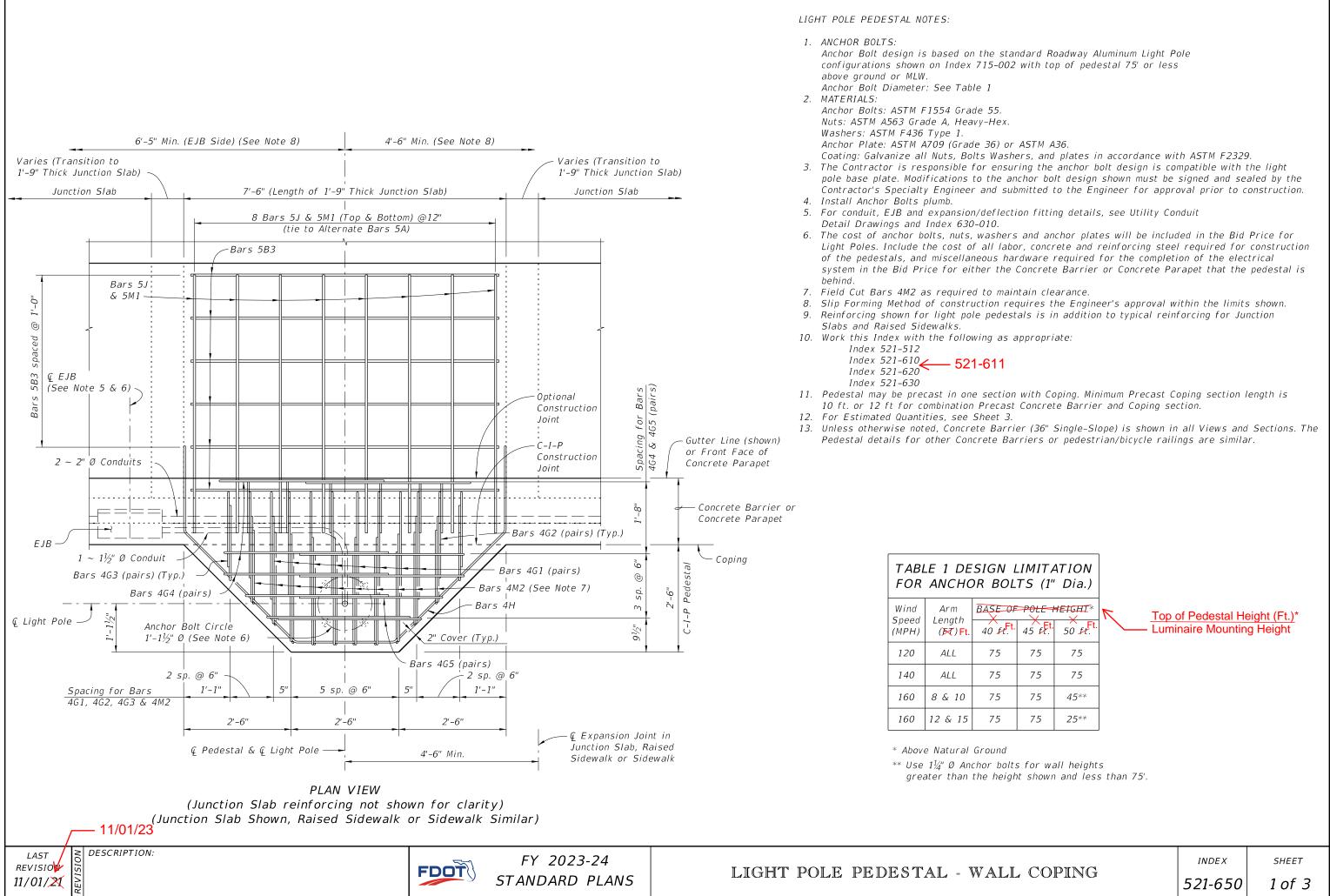
Origination Package Includes: (Submit package to Rick Jenkins)

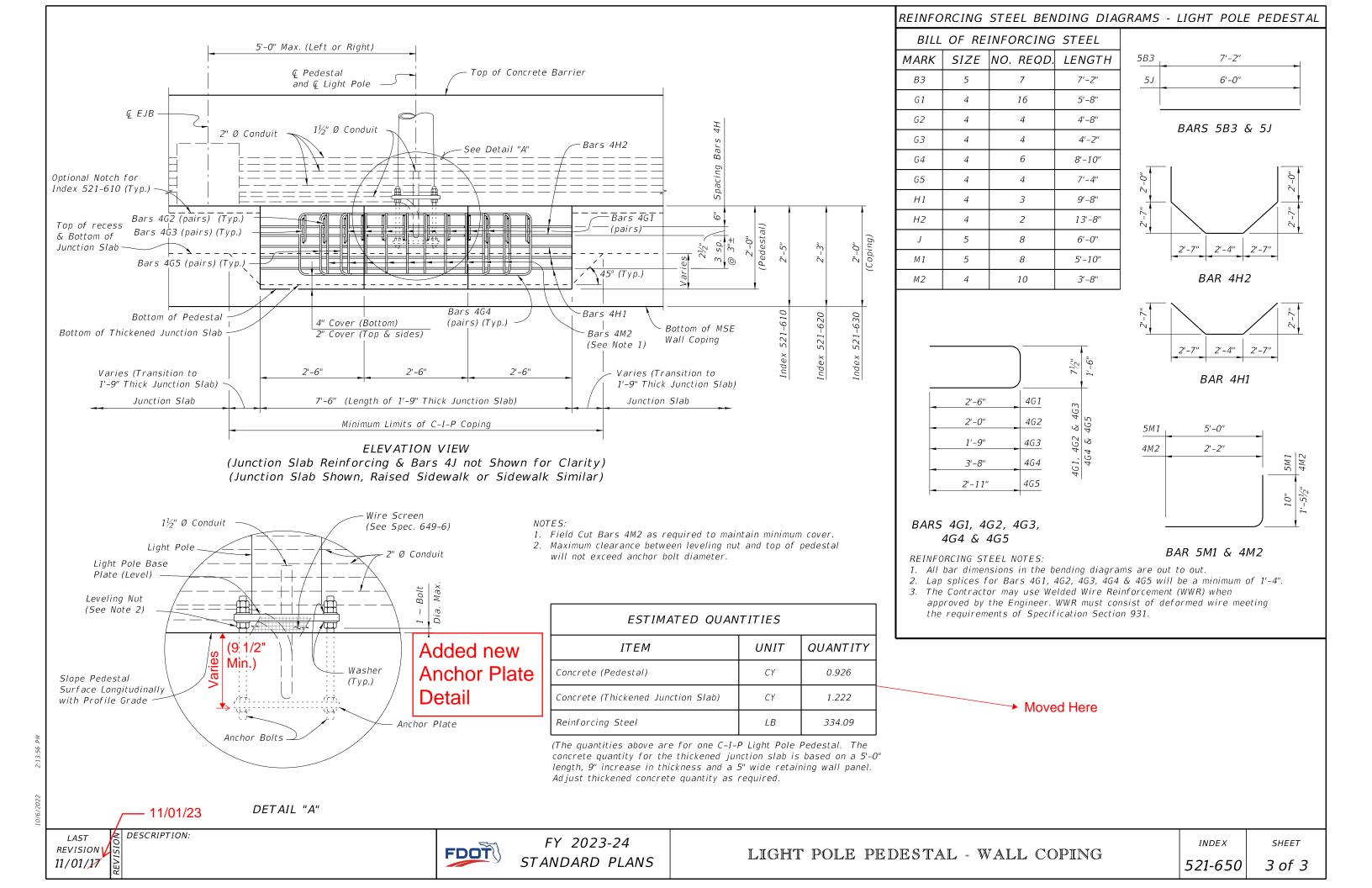
- Yes N/A
- Redline Mark-ups
 - Revised or Proposed Standard Plan Instruction (SPI)
- Other Support Documents

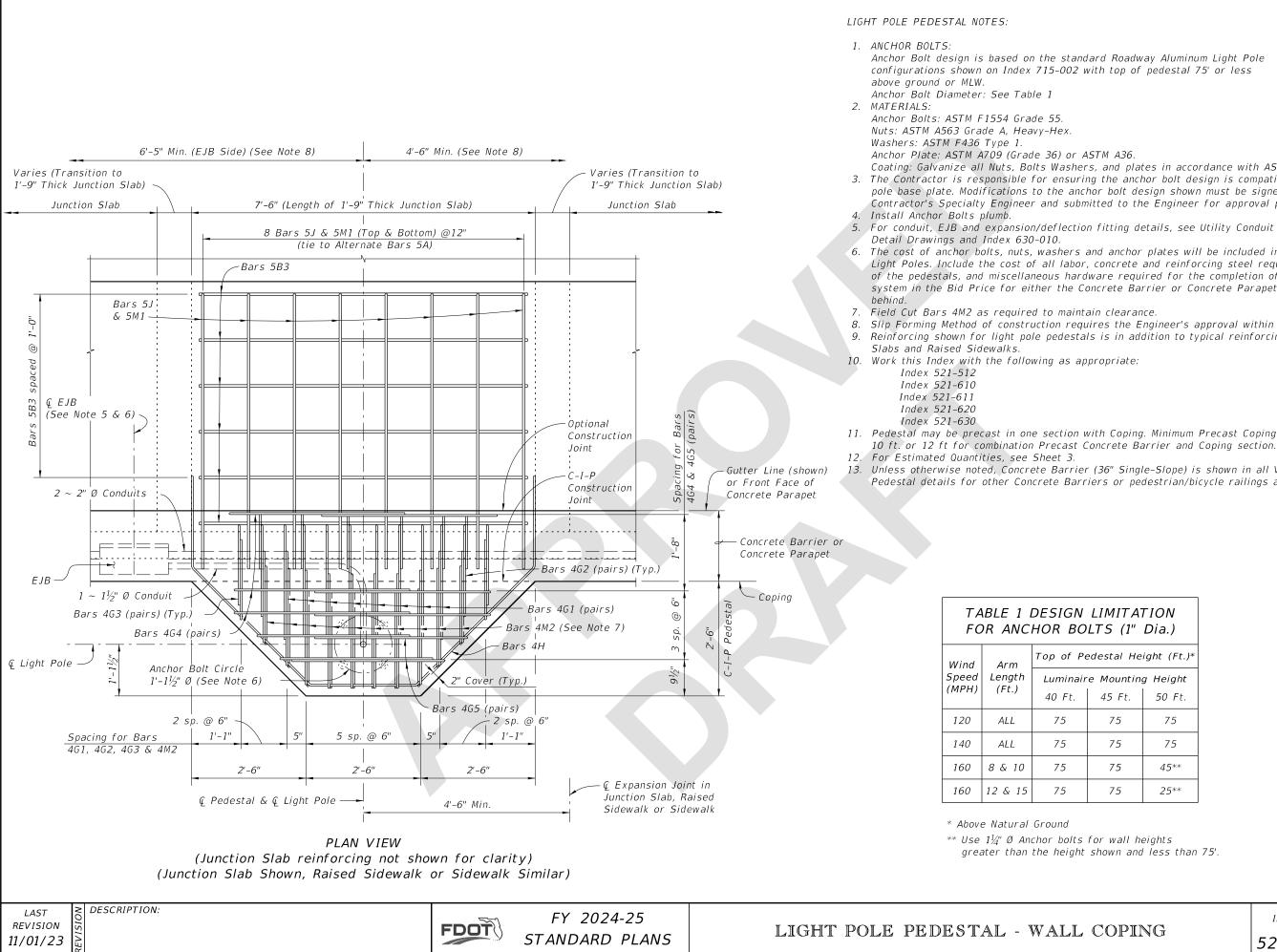
Implementation:

- 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>







Coating: Galvanize all Nuts, Bolts Washers, and plates in accordance with ASTM F2329. 3. The Contractor is responsible for ensuring the anchor bolt design is compatible with the light pole base plate. Modifications to the anchor bolt design shown must be signed and sealed by the Contractor's Specialty Engineer and submitted to the Engineer for approval prior to construction.

6. The cost of anchor bolts, nuts, washers and anchor plates will be included in the Bid Price for Light Poles. Include the cost of all labor, concrete and reinforcing steel required for construction of the pedestals, and miscellaneous hardware required for the completion of the electrical system in the Bid Price for either the Concrete Barrier or Concrete Parapet that the pedestal is

Slip Forming Method of construction requires the Engineer's approval within the limits shown. Reinforcing shown for light pole pedestals is in addition to typical reinforcing for Junction

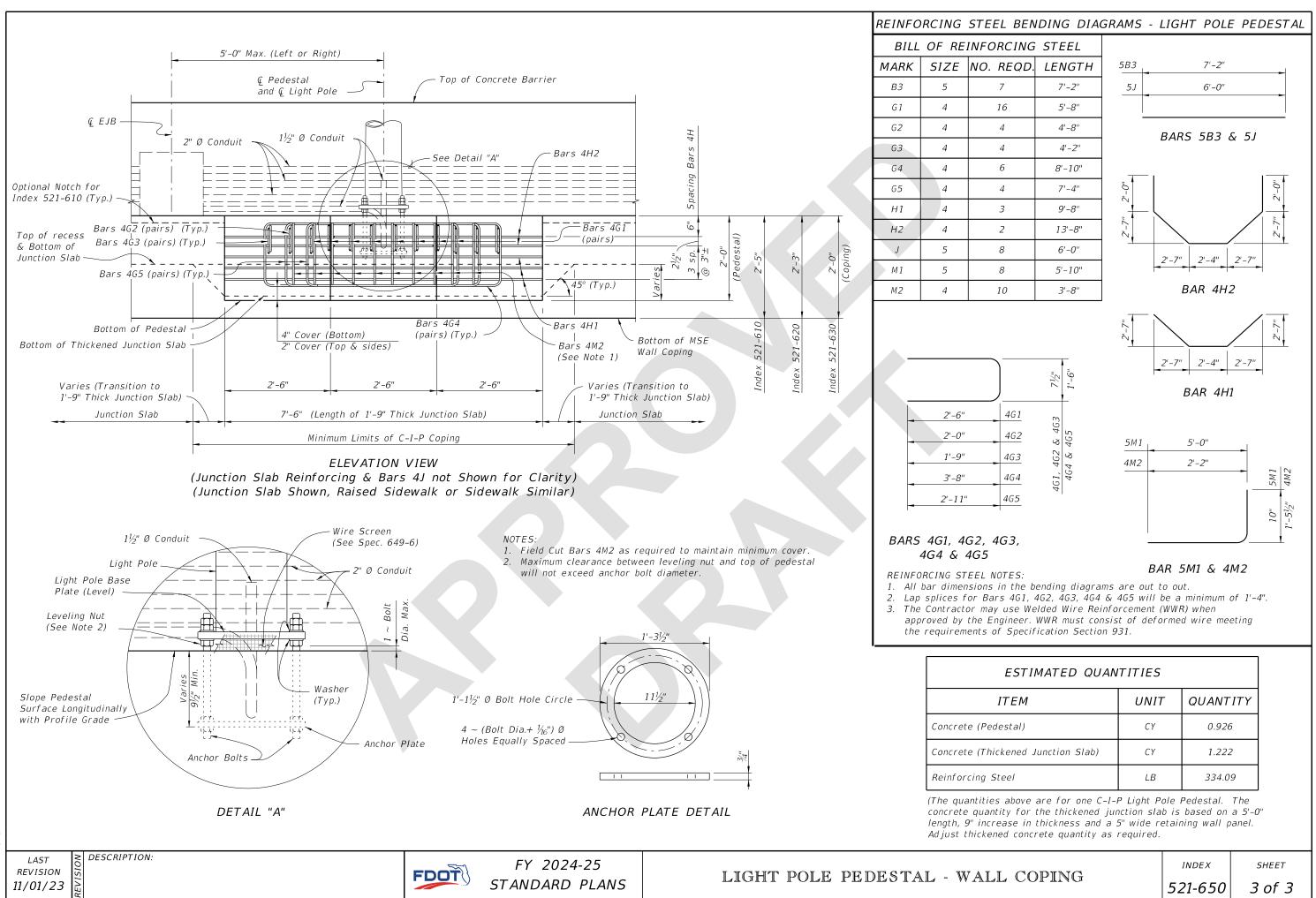
11. Pedestal may be precast in one section with Coping. Minimum Precast Coping section length is

13. Unless otherwise noted, Concrete Barrier (36" Single-Slope) is shown in all Views and Sections. The Pedestal details for other Concrete Barriers or pedestrian/bicycle railings are similar.

N LIMITATION BOLTS (1" Dia.)				
Pedestal Height (Ft.)*				
naire Mounting Height				
	45 Ft.	50 Ft.		
	75	75		
	75	75		
	75	45**		
	75	25**		

greater than the height shown and less than 75'.

L COPING	INDEX	SHEET
	521-650	1 of 3



5/31/2023