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

Contact Information:
Date: June 16, 2021
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Standard Plans:
Index Number: 521-660
Sheet Number(s): Sheets 1-4 of 4
Index Title: Light Pole Pedestal - Bridge

Summary of the changes:
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
☐ ☑ Other Standard Plans —
☐ ☑ FDOT Design Manual —
☐ ☑ 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 rick.jenkins@dot.state.fl.us and Darren Martin darren.martin@dot.state.fl.us
OPTION 2 - TYPICAL SECTION AT LIGHT POLE PEDESTAL
(Approach Slab Similar)

CROSS REFERENCE:
For Detail 'A', Anchor Plate Detail and Light Pole Pedestal Notes, see Sheet 4.

NOTE: Anchor Bolt, Nuts, Washers and Anchor Plate are dashed for clarity.
OPTION 2 - ELEVATION VIEW

OPTION 2 - TYPICAL SECTION AT LIGHT POLE PEDESTAL
(Approach Slab Similar)

OPTION 3 - PLAN VIEW

OPTION 3 - TYPICAL SECTION AT LIGHT POLE PEDESTAL
WITH GAP BETWEEN BARRIER AND PEDESTAL TO ALLOW SLIP FORMING

CASE 1 LIGHT POLE PEDESTAL FOR APPROACH SLAB OR BRIDGE DECK LESS THAN 1'-5" AT COPING

NOTE: Anchor Bolt, Nuts, Washers and Anchor Plate are dashed for clarity.
**Light Pole PeDESTAL Notes:**

1. Concrete and Reinforcing Steel required for the construction of the Pedestal shall meet the same requirements as the Traffic Railing or Pedestrian/Bicycle Railing the Pedestal is attached to.

2. Light Pole Pedestal may be used with the following:
   - Index 515-021 - Pedestrian/Bicycle Bullet Railing
   - Index 515-427 - Traffic Railing (36" Single-Slope)
   - Index 515-423 - Traffic Railing (32" Vertical Shape)
   - Index 521-427 - Traffic Railing (42" Single-Stops)
   - Index 521-820 - Pedestrian/Bicycle Railing
   - Index 521-509 - Pedestrian/Bicycle Railings for Traffic Railing or Pedestals
   - Index 713-002 - Miscellaneous Hardware

3. Unless otherwise noted, Traffic Railing or Pedestals are similar.

4. Anchor Bolts:
   - Anchor Bolt design is based on the standard Roadway Aluminum Light Pole configurations shown on Index 713-002.
   - Anchor Bolt Diameter: See Table 1.
   - Anchor Bolts: ASTM F1554 Grade 55
   - Nuts: ASTM A563 Grade A, Heavy-Hex
   - Washers: ASTM F436 Type 1
   - Anchor Plate: ASTM A709 (Grade 36) or ASTM A36.
   - Coating: Galvanize all Nuts, Bolts Washers, in accordance with ASTM F2329.
   - Galvanize plates in accordance with ASTM 4121.

5. Install Anchor Bolts plumb.

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

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 Lightweight 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 Traffic Railing or Pedestrian/Bicycle Railing the Pedestal is attached to.

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**Bill of Reinforcing Steel**

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**Estimated Light Pole Pedestal Quantities per Light Pole Pedestal**

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<td>Rebar</td>
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(The Reinforcing Steel quantity shown in parenthesis is for a Pedestal attached to Pedestrian/Bicycle Railing - Index 521-820 with Bridge Deck or Approach Slab thickness less than 1'-10 &. Add 59 lbs. for Bars 4F1 & 4F2 when Pedestal Thickness is 1'-50 or greater.)