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# Proposed Revisions to a Standard Plans Index

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

### **Contact Information:**

## **Standard Plans:**

Date: May 25, 2023 Originator: Rick Jenkins Index Number: 646-001 Sheet Number (s): 1

Phone: (850) 414-4355 Email: rick.jenkins@dot.state.fl.is Index Title: Aluminum Post and Pedestal Mounted
Pedestrian Detectors and Signals

## **Summary of the changes:**

Added Note 6, "In lieu of footing design shown, a Spread Footing may be used in accordance with index 700-120."

## **Commentary / Background:**

Note 6 was added because of new spread footing design in Standard Plans Index 700-120.

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

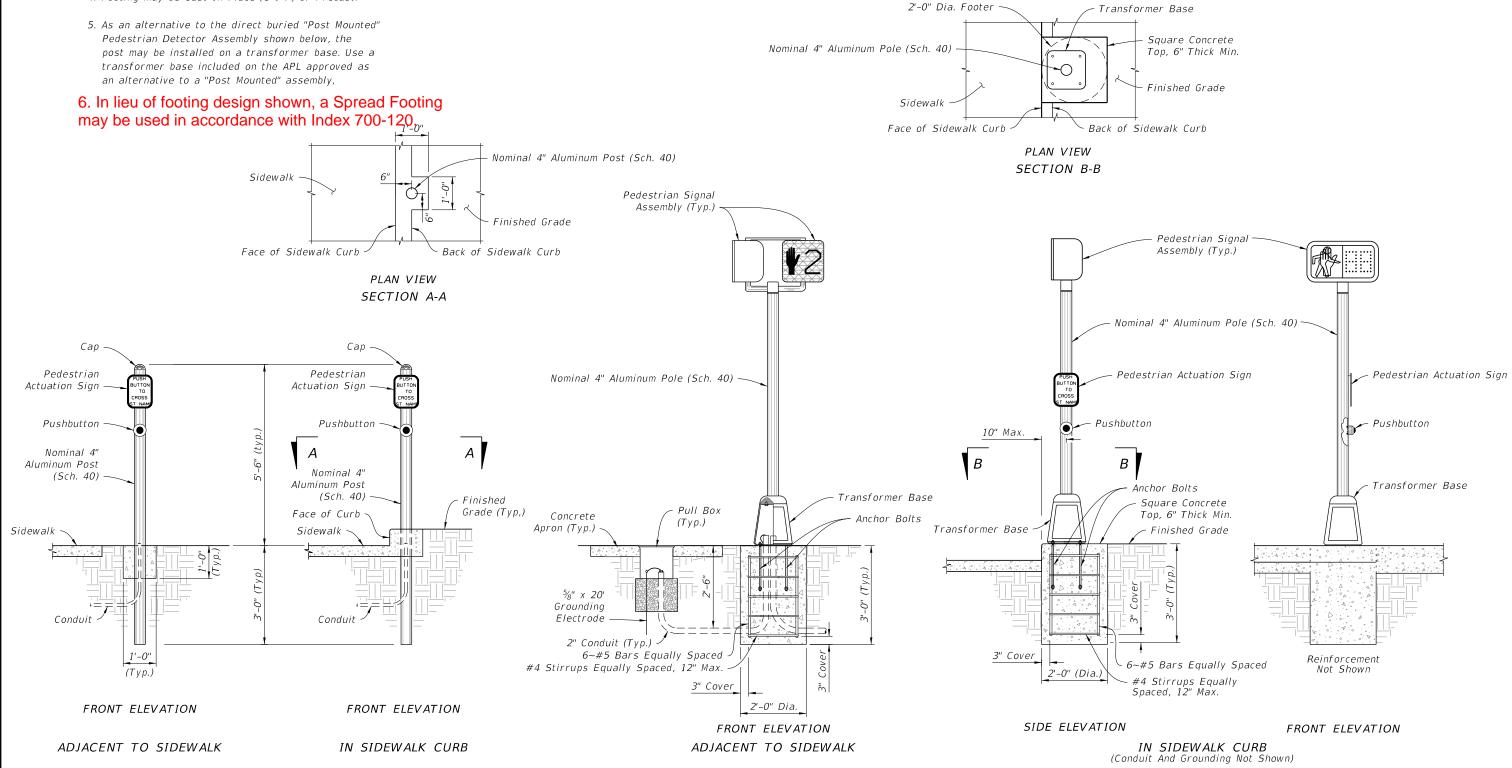
Yes	No		
<b>/</b>		Other Standard Plans – Standard Plan Index 700-120	
	<b>/</b>	FDOT Design Manual –	
	$\checkmark$	Basis of Estimates Manual –	
	V	Standard Specifications –	
	<b>/</b>	Approved Product List –	
	$\checkmark$	Construction –	
	$\checkmark$	Maintenance –	
Origination Package Includes: (Submit package to Rick Jenkins)		n Package Includes: (Submit package to Rick Jenkins)	Implementation:
Yes	N/A	A	Design Bulletin (Interim)
$\checkmark$		Redline Mark-ups	DCE Memo
		Revised or Proposed Standard Plan Instruction (SPI)	Program Mgmt. Bulletin
		Other Support Documents	FY-Standard Plans (Next Release

Contact the Roadway Design Office for assistance in completing this form

#### **NOTES:**

- 1. Work this Index with Specification 646.
- 2. For Pedestrian Signals see Index 653-001.
- 3. For Pedestrian Detector Assembly (i.e., Pushbutton and Sign) details see Index 665-001.
- 4. Footing may be Cast-In-Place (C-I-P) or Precast.

POST MOUNTED



22027

LAST REVISION 11/01/21

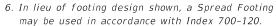
DESCRIPTION:

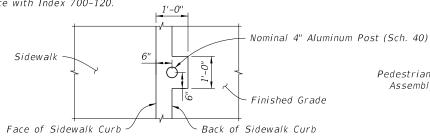


PEDESTAL MOUNTED



- 1. Work this Index with Specification 646.
- 2. For Pedestrian Signals see Index 653-001.
- 3. For Pedestrian Detector Assembly (i.e., Pushbutton and Sign) details see Index 665-001.
- 4. Footing may be Cast-In-Place (C-I-P) or Precast.
- 5. As an alternative to the direct buried "Post Mounted" Pedestrian Detector Assembly shown below, the post may be installed on a transformer base. Use a transformer base included on the APL approved as an alternative to a "Post Mounted" assembly,

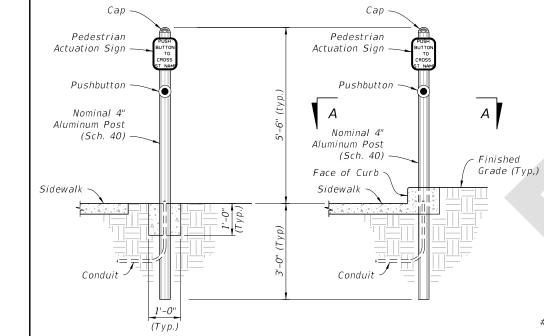




PLAN VIEW SECTION A-A

FRONT ELEVATION

IN SIDEWALK CURB



POST MOUNTED=

Nominal 4" Aluminum Pole (Sch. 40)

Pedestrian Signal Assembly (Typ.)

Transformer Base Pull Box Concrete Anchor Bolts (Typ.) 5/8" x 20' Grounding Electrode 2" Conduit (Typ.) 6~#5 Bars Equally Spaced #4 Stirrups Equally Spaced, 12" Max. 3" Cover 2'-0" Dia.

FRONT ELEVATION

ADJACENT TO SIDEWALK

SIDE ELEVATION

2'-0" (Dia.)

FRONT ELEVATION

Reinforcement

Not Shown

IN SIDEWALK CURB (Conduit And Grounding Not Shown)

6~#5 Bars Equally Spaced

#4 Stirrups Equally Spaced, 12" Max.

PEDESTAL MOUNTED =

3" Cover

10" Max.

В

Transformer Base

2'-0" Dia. Footer

Face of Sidewalk Curb

Sidewalk

Nominal 4" Aluminum Pole (Sch. 40)

Transformer Base

Back of Sidewalk Curb

PLAN VIEW

SECTION B-B

Square Concrete

Top, 6" Thick Min.

Finished Grade

Pedestrian Signal Assembly (Typ.)

Nominal 4" Aluminum Pole (Sch. 40) -

Pedestrian Actuation Sign

Square Concrete

Top, 6" Thick Min.

Finished Grade

Pushbutton

В

DESCRIPTION:

FRONT ELEVATION

ADJACENT TO SIDEWALK

FDOT

FY 2024-25 STANDARD PLANS

ALUMINUM POST AND PEDESTAL MOUNTED PEDESTRIAN DETECTORS AND SIGNALS

INDEX 646-001

SHEET 1 of 1

- Pedestrian Actuation Sign

**→** Pushbutton

- Transformer Base

11/01/23