
ORIGINATION FORM

Proposed Revisions to a Standard Plans Index

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

Contact Information:

Date: May 25, 2023

Originator: Rick Jenkins

Phone: (850) 414-4355

Email: rick.jenkins@dot.state.fl.us

Standard Plans:

Index Number: 646-001

Sheet Number (s): 1

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
☒	☐ Other Standard Plans – Standard Plan Index 700-120
☐	☒ 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 rick.jenkins@dot.state.fl.us and Darren Martin darren.martin@dot.state.fl.us

NOTES:
1. Work this Index with Specification 646.

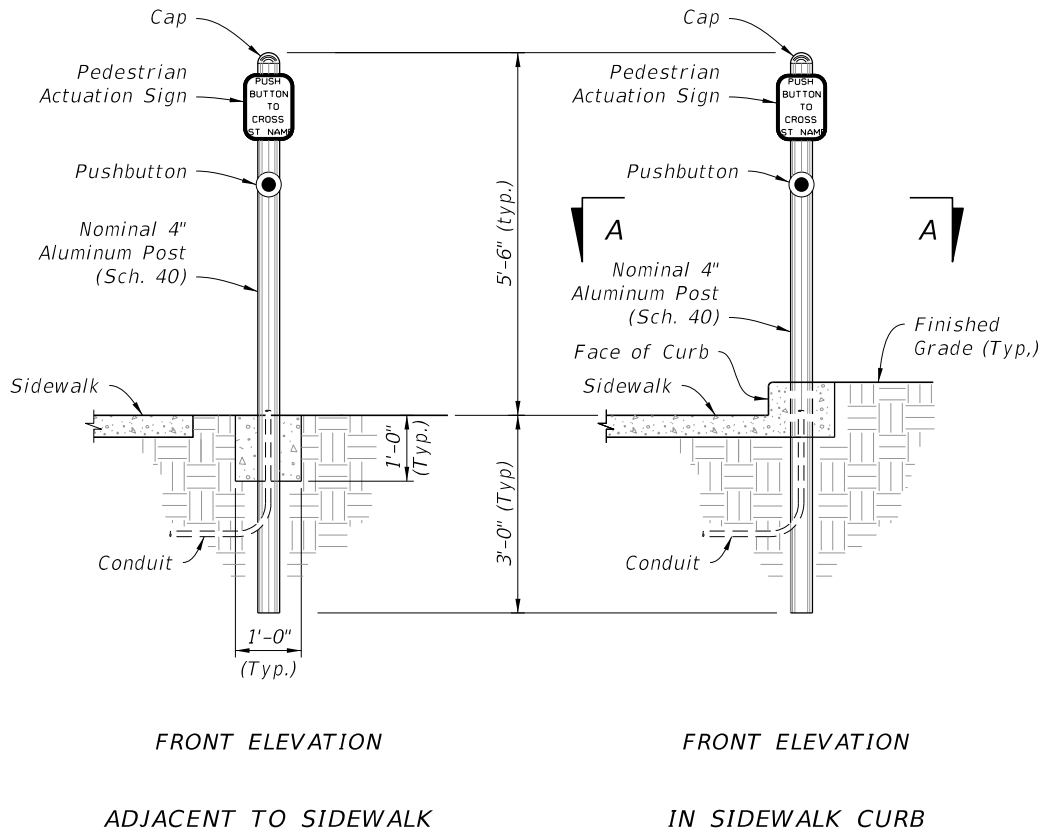
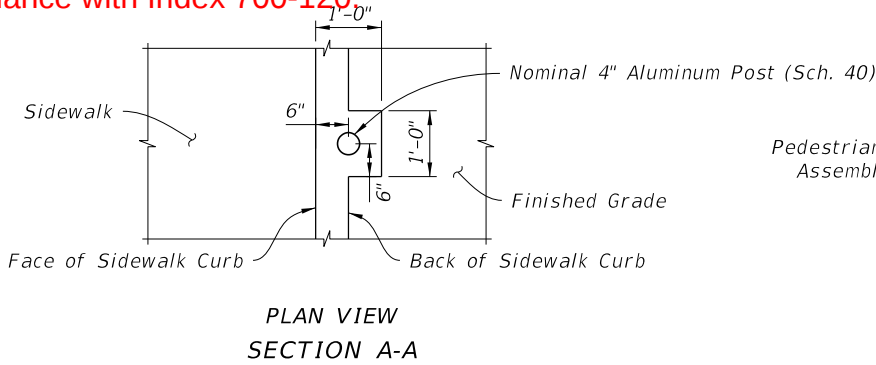
2. For Pedestrian Signals see Index 653-001.

3. For Pedestrian Detector Assembly (i.e., Pushbutton and Sign) details see Index 665-001.

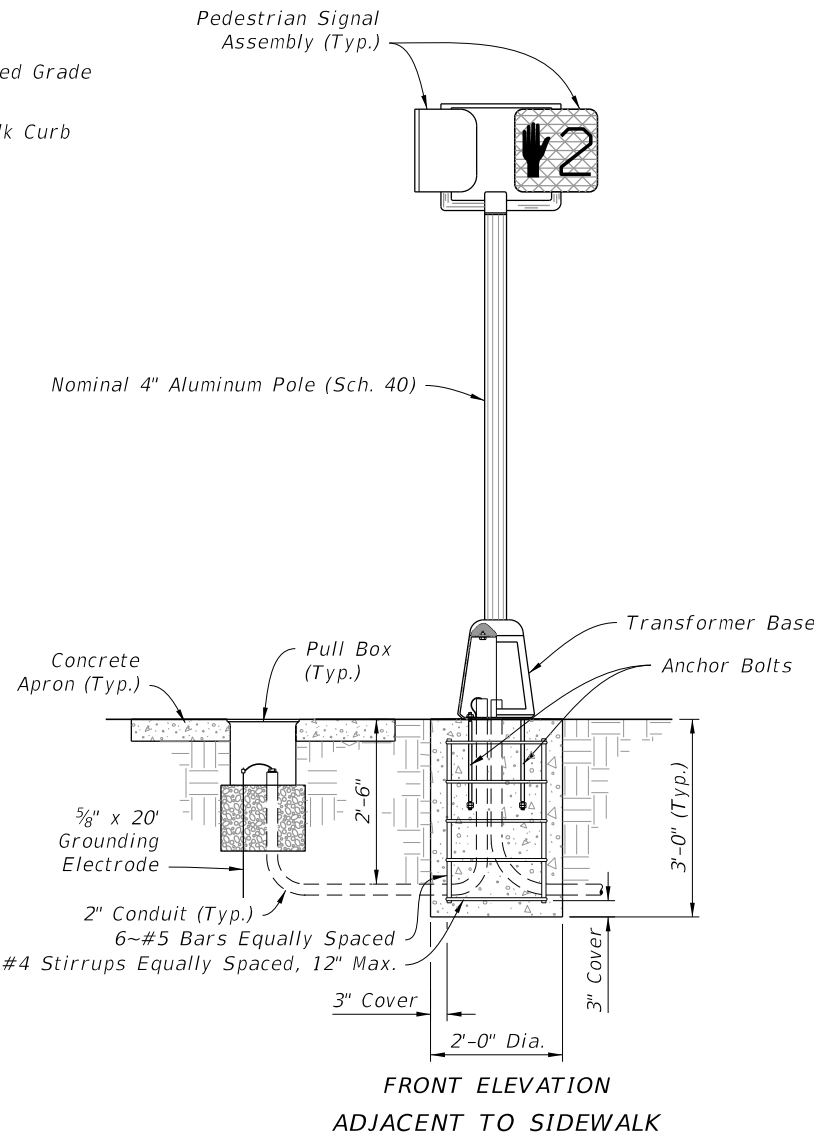
4. Footing may be Cast-In-Place (C-I-P) or Precast.

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,

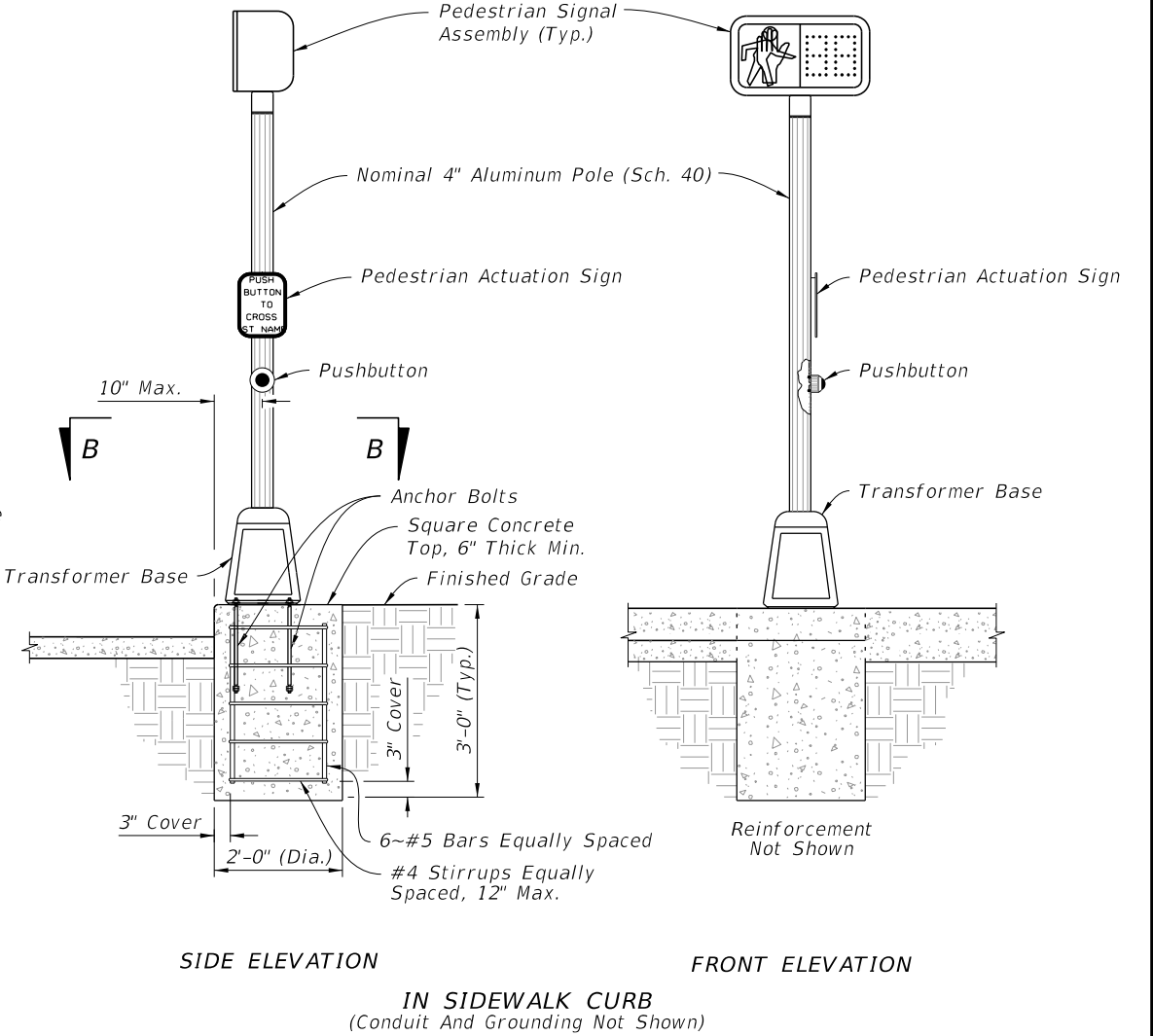
6. In lieu of footing design shown, a Spread Footing may be used in accordance with Index 700-120.



POST MOUNTED



FRONT ELEVATION
ADJACENT TO SIDEWALK



PEDESTAL MOUNTED



FY 2023-24
STANDARD PLANS

ALUMINUM POST AND PEDESTAL MOUNTED
PEDESTRIAN DETECTORS AND SIGNALS

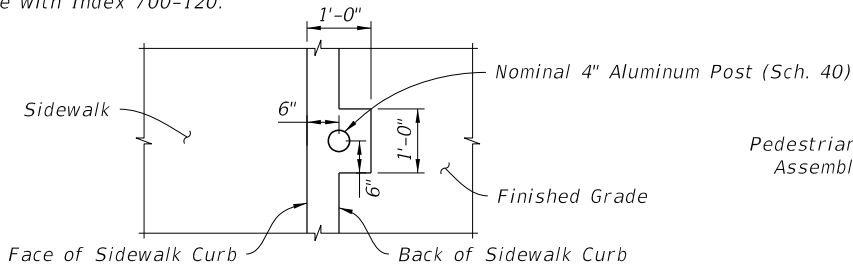
INDEX
646-001

SHEET
1 of 1

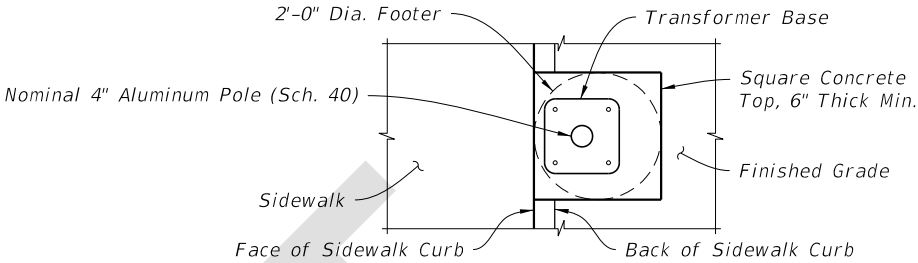
10/6/2022 2:30:51 PM

NOTES:

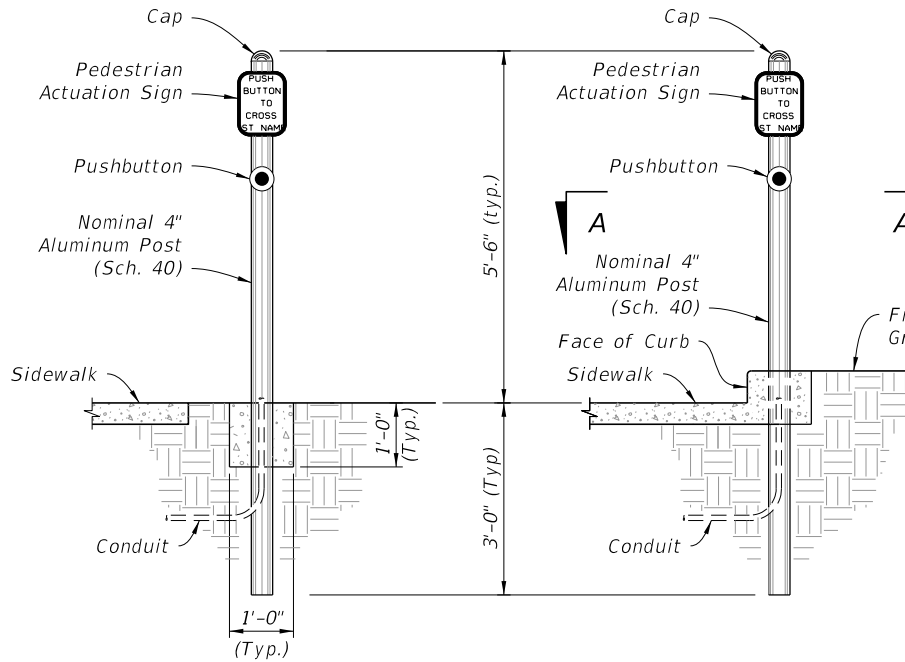
1. Work this Index with Specification 646.
2. For Pedestrian Signals see Index 653-001.
3. For Pedestrian Detector Assembly (i.e., Pushbutton and Sign) details see Index 665-001.
4. Footing may be Cast-In-Place (C-I-P) or Precast.
5. As an alternative to the direct buried "Post Mounted" Pedestrian Detector 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,
6. In lieu of footing design shown, a Spread Footing may be used in accordance with Index 700-120.



PLAN VIEW
SECTION A-A

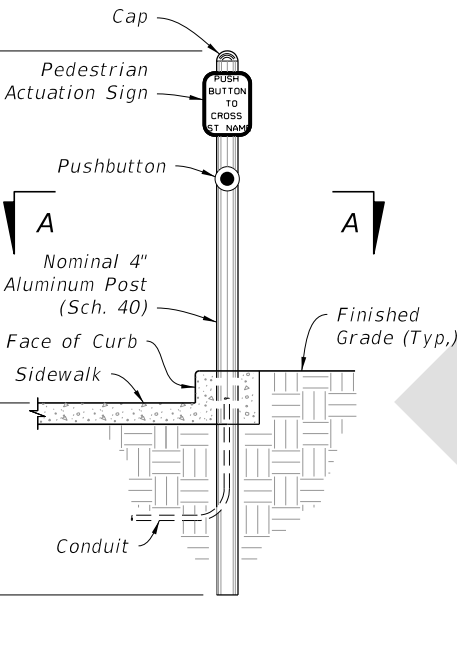


PLAN VIEW
SECTION B-B



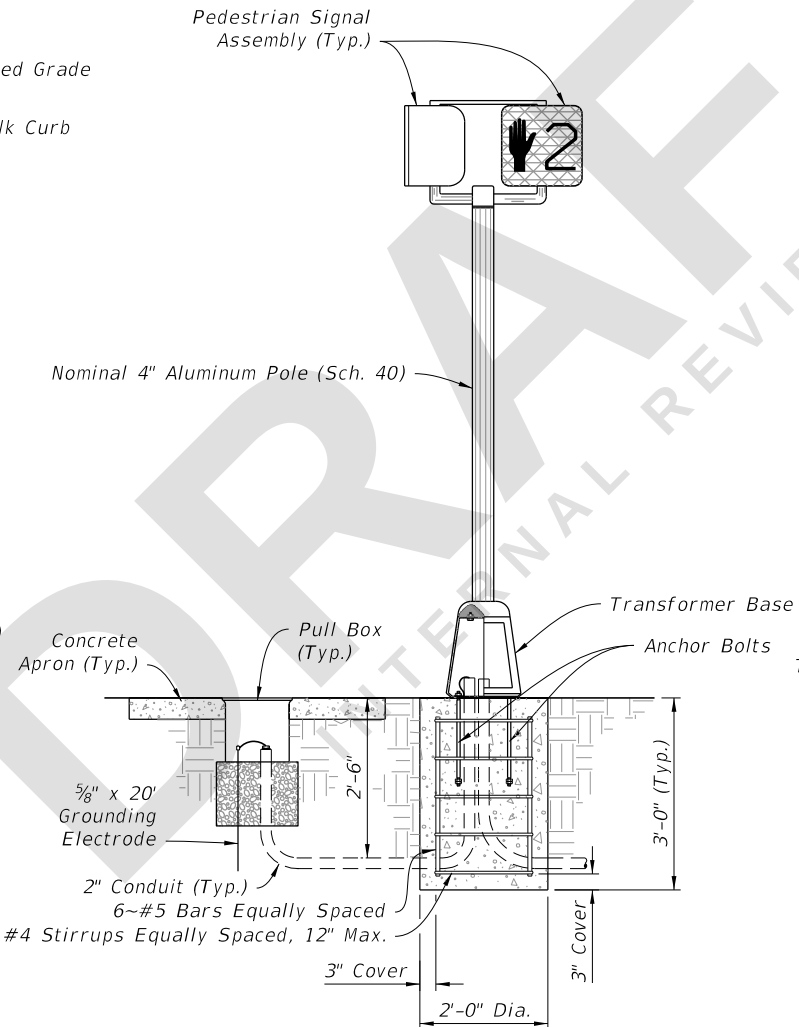
FRONT ELEVATION

ADJACENT TO SIDEWALK



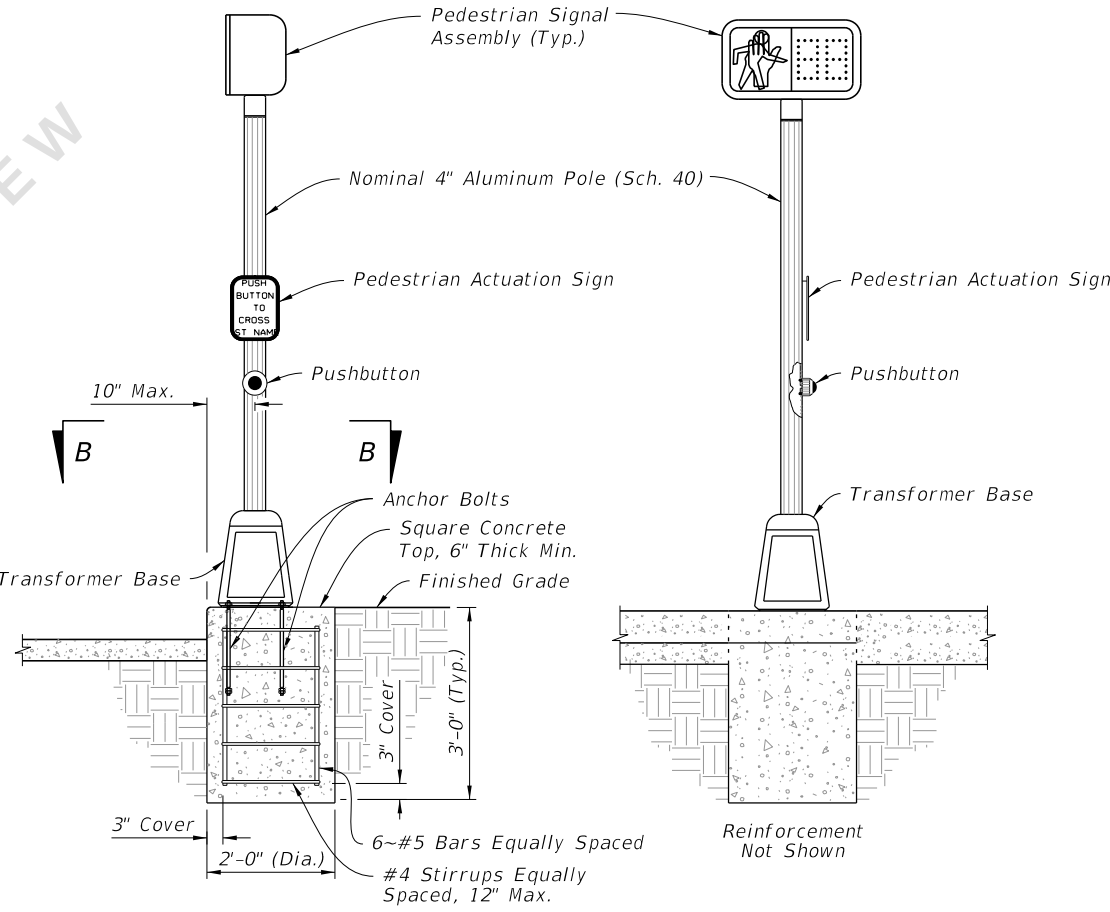
FRONT ELEVATION

IN SIDEWALK CURB



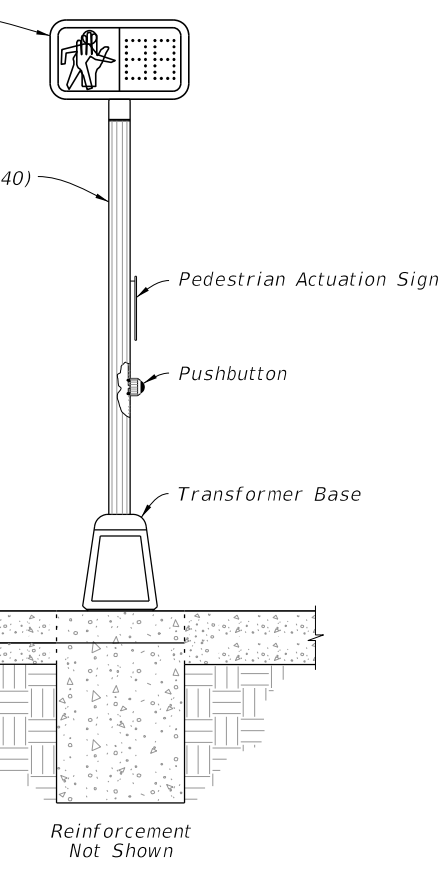
FRONT ELEVATION

ADJACENT TO SIDEWALK



SIDE ELEVATION

IN SIDEWALK CURB
(Conduit And Grounding Not Shown)



FRONT ELEVATION

IN SIDEWALK CURB
(Conduit And Grounding Not Shown)

POST MOUNTED

PEDESTAL MOUNTED

LAST REVISION 11/01/23	REVISION	DESCRIPTION:	FDOT FY 2024-25 STANDARD PLANS	ALUMINUM POST AND PEDESTAL MOUNTED PEDESTRIAN DETECTORS AND SIGNALS	INDEX 646-001	SHEET 1 of 1
------------------------------	----------	--------------	--------------------------------------	--	------------------	-----------------