
Index 646-001 Aluminum Pedestals and Posts – Pedestrian Detectors and Signals

ORIGINATION

Date: June 3, 2020

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COMMENTARY

New Index created to consolidate the details of Aluminum Pedestals and Posts used for Pedestrian Signals and Detectors. Existing details are relocated in this New Index from Indexes 653-001 and 665-001. New details have been created to address the foundation and placement details for Pedestals installed with Sidewalk Curb. These were added to prevent pushbuttons from being located greater than 10" from the sidewalk landing.

COMMENTS AND RESPONSES

BLACK = Industry Review Comments **RED** = Standard Plans Response

Name: Bob Phelan / Lee County Dept. of Transportation

Date: September 5, 2020

COMMENT:

Can a similar detail be provided for the bases for RRFB's located within the sidewalk curb?

RESPONSE: Your comment is acknowledged. This will need to be further investigated but a similar alternative foundation option will be evaluated for inclusion in the future.

No change

Date: 9-8-20

Name: Hisham Sunna / Ayres Associates

Date: September 5, 2020

COMMENT:

1. Pedestal mounted side elevation has references to Note 5 and Note 6 but only 4 notes are available on the sheet.
2. The Pedestal mounted in sidewalk curb side elevation is not constructible with the joints as shown. Also these joints, if within the footing as shown, would provide too many paths for water intrusion and contribute to corrosion of the anchor bolts.
3. The top stirrup in Side Elevation of Pedestal mounted in curb is different and appears to go around the outside cage but somehow wrap around the anchor bolts.
4. The plan view B-B does not match the side elevation and vice-versa. Suggest that the details be shared with structures as they are not constructible as shown. Also with the construction tolerances it may not be easy to achieve the 2 inch clearance shown from anchor bolt to face of curb. Note that a 2 ft diameter hole would have to be excavated, a cage installed and concrete placed probably just to the bottom of the curb elevation before the rest of the concrete is formed and placed. These details need to be further developed before becoming a Standard Plan.

RESPONSE: The comments have been reviewed and additional information has been added to the index to address.

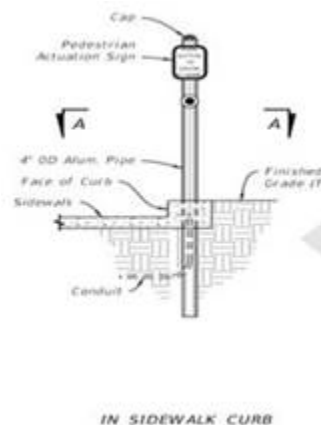
Change made to Index: Added additional information to address concerns.

Date: 9-22-20

Name: K.C. Jose / FDOT D4

Date: September 11, 2020

COMMENT: sheet 1 - Dimensions for the Post mounted sign in sidewalk curb are not shown- consider to show dimensions



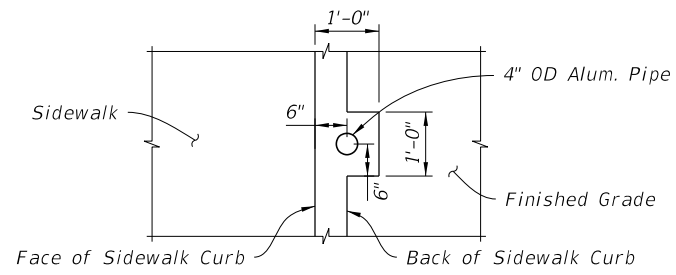
RESPONSE: Agree

Change made to Index: Will update dimensions for clarity.

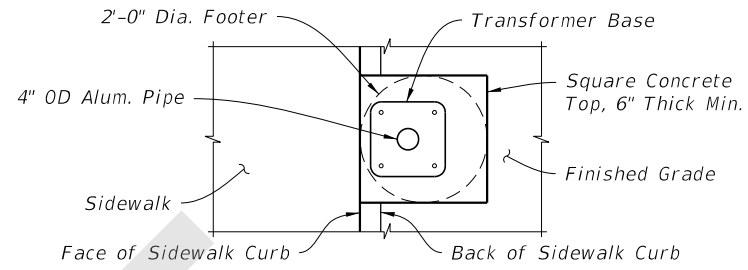
Date: 9-14-20

NOTES:

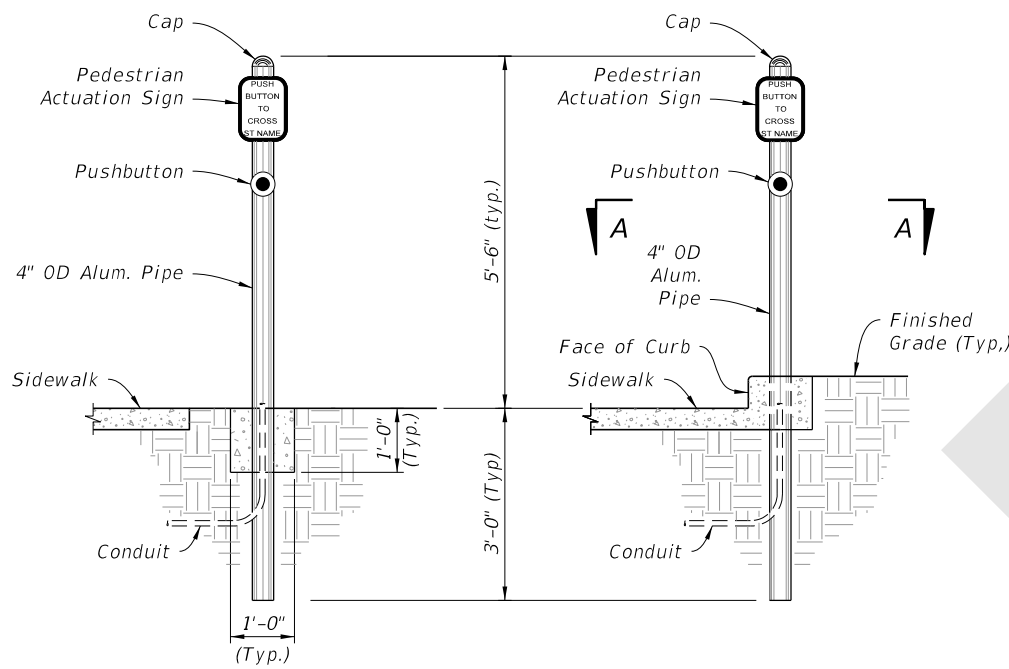
1. Work this Index with Specification 646.
2. For Pedestrian Signals see Index 653-001.
3. For Pedestrian Detector Assembly (i.e., Pushbutton and Sign) details see Index 665-001.
4. Construct footing with Class I Concrete, footing may be Cast-In-Place (C-I-P) or Precast.



PLAN VIEW
SECTION A-A



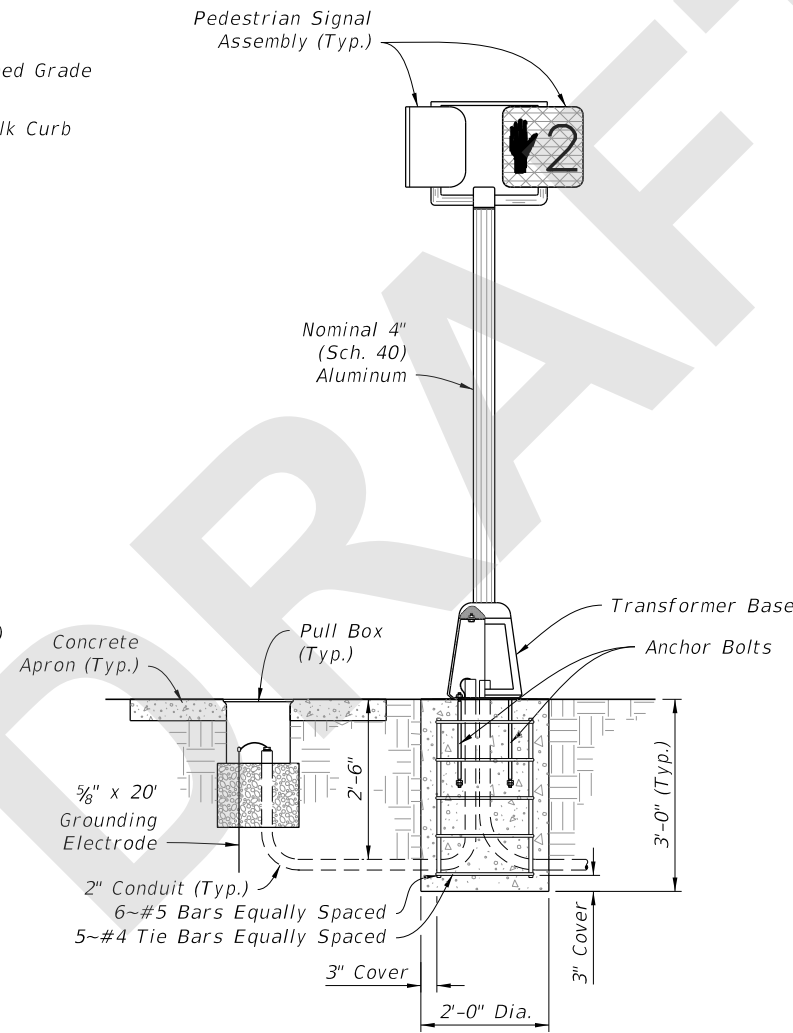
PLAN VIEW
SECTION B-B



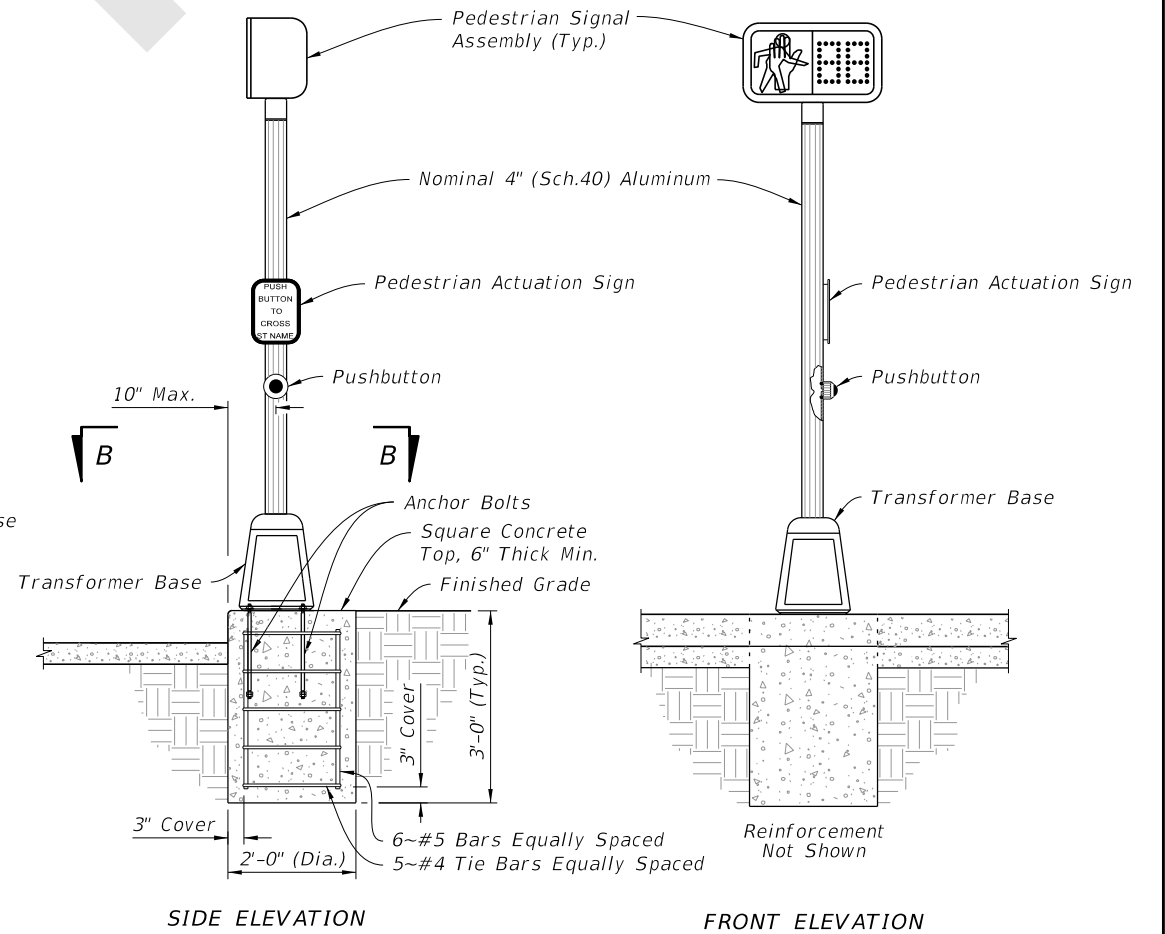
ADJACENT TO SIDEWALK

IN SIDEWALK CURB

POST MOUNTED



ADJACENT TO SIDEWALK




SIDE ELEVATION

FRONT ELEVATION

IN SIDEWALK CURB
(Conduit And Grounding Not Shown)

PEDESTAL MOUNTED

9/16/2020 6:47:44 AM

LAST REVISION 11/01/20	REVISION	DESCRIPTION:		FY 2021-22 STANDARD PLANS	ALUMINUM POST AND PEDESTAL MOUNTED PEDESTRIAN DETECTORS AND SIGNALS	INDEX 646-001	SHEET 1 of 1
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