
ORIGINATION FORM

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

Contact Information:

Date: May 21, 2020

Originator: Joshua Turley

Phone: (850) 414-4475

Email: joshua.turley@dot.state.fl.us

Standard Plans:

Index Number: 700-011

Sheet Number (s): 1 of 2

Index Title: Single Column Cantilever Ground Mounted Sign

Summary of the changes:

Sheet 1: Added nut and lock washer option to SECTION C-C.

Commentary / Background:

Districts have commented that double nuts are more difficult to install with negligible safety benefits.

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

- | Yes | No | |
|--------------------------|-------------------------------------|-----------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Other Standard Plans – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | FDOT Design Manual – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Basis of Estimates Manual – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Standard Specifications – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Approved Product List – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Construction – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Maintenance – |

Origination Package Includes:

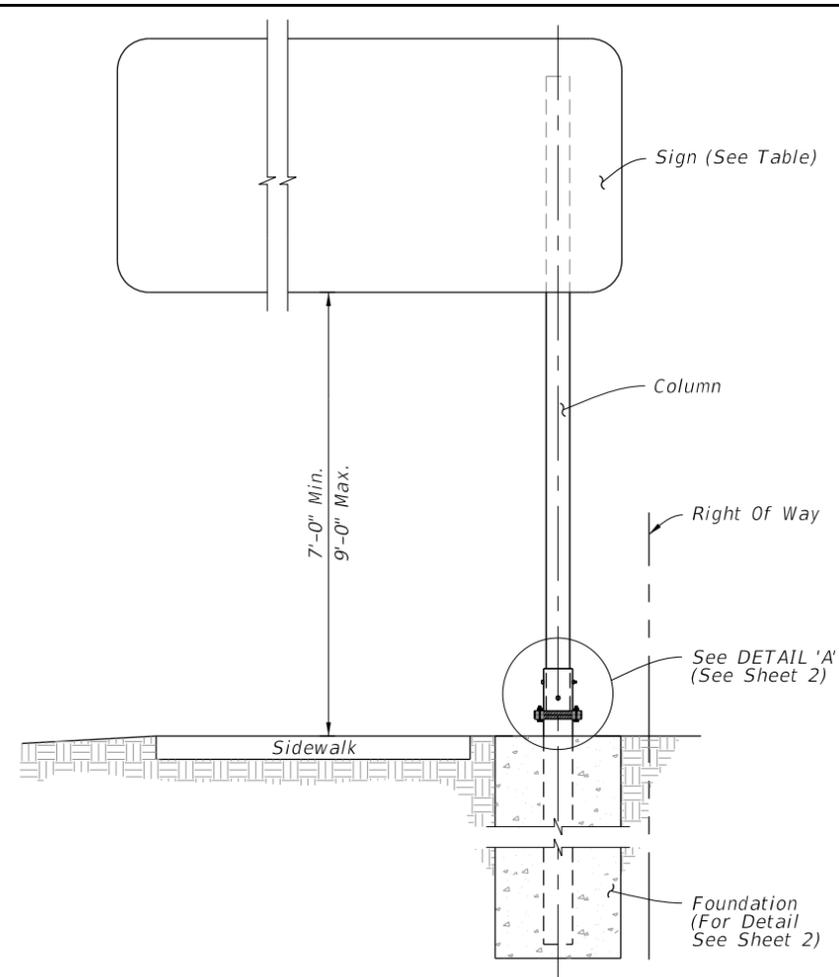
(Email or hand deliver package to Rick Jenkins)

- | Yes | N/A | |
|-------------------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Redline Mark-ups |
| <input type="checkbox"/> | <input type="checkbox"/> | Proposed Standard Plan Instruction (SPI) |
| <input type="checkbox"/> | <input type="checkbox"/> | Revised SPI |
| <input type="checkbox"/> | <input type="checkbox"/> | 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

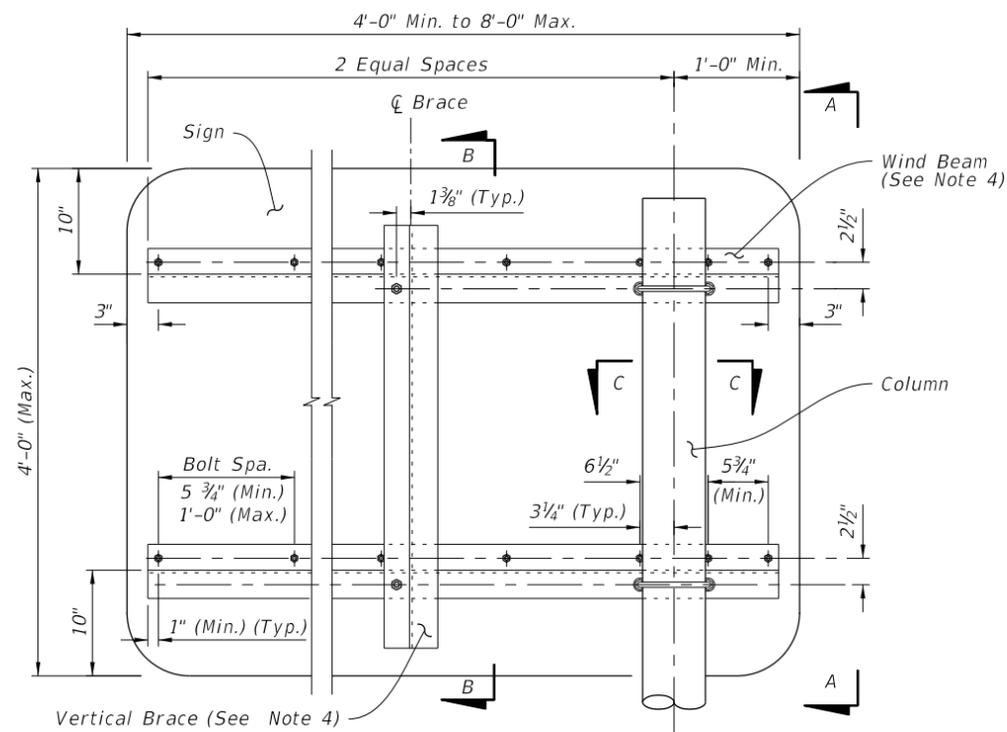


GENERAL NOTES:

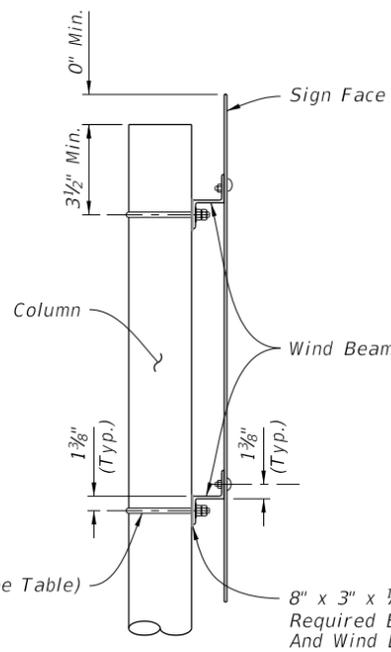
1. Refer to Index 700-010 for additional notes, assembly of base connection and material specifications not given in this Index.
2. Aluminum Columns: ASTM B429 Alloy 6061-T6.
3. Place galvanized steel shims between the Sleeve and Post to obtain a tight fit between the Post and Sleeve.
4. Wind Beam and Vertical Brace: Aluminum Z 3 x 2¹/₁₆ x 3.38. Install Vertical Brace on 7'-0" to 8'-0" signs only.
5. Provide 2 ~ 0.0149" Thick (28 gauge) and 2 ~ 0.0329" Thick (21 gauge) Brass Shims Per Post. Used brass shims to plumb the post.
6. Use nylon washers under the button bolt heads to protect sign sheeting. Use aluminum washers under nut.

COLUMN SELECTION AND FOOTING SIZE TABLE							
Sign Size Height x Length	Column Size Diameter x Thickness	Sleeve Size Diameter x Thickness	U-bolt Diameter	Base Bolt Diameter x Length	Torque lbs./in	Base Plate Thickness	Footing Depth
4'-0" x 5'-0"	4 NPS Schedule 80 (4.5" x 0.337")	5 NPS Schedule 120 (5.563" x 0.5")	1/2"	5/8" x 3 1/2"	270 +/- 45	1"	6'-0"
4'-0" x 6'-0"	5 NPS Schedule 80 (5.563" x 0.375")	6 NPS Schedule 80 (6.625" x 0.432")	5/8"	3/4" x 4"	445 +/- 75	1 1/8"	6'-6"
4'-0" x 7'-0"							7'-0"
4'-0" x 8'-0"							

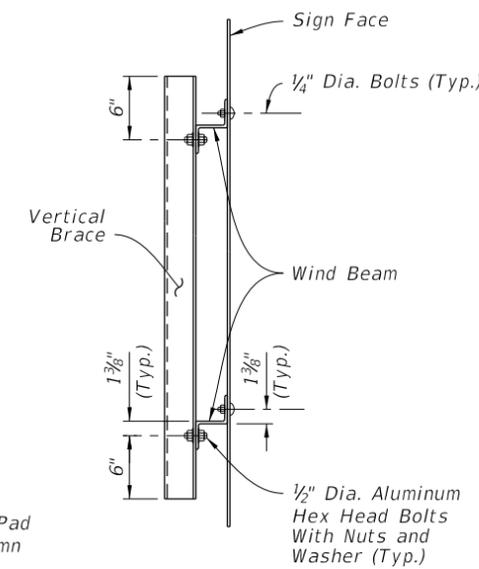
TYPICAL SECTION



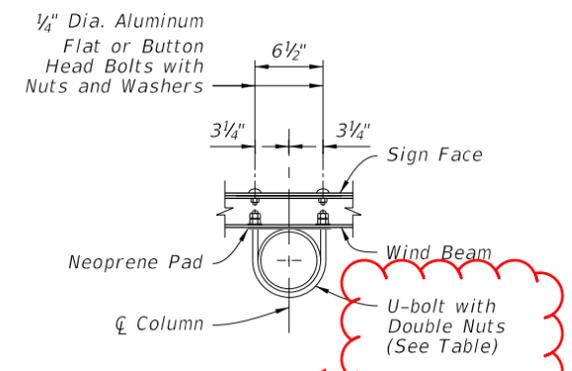
SIGN DETAIL



VIEW A-A



SECTION B-B



SECTION C-C

ADDED: Nut and Lock Washer Option

10/29/2019 8:23:10 AM

LAST REVISION	DESCRIPTION:
11/01/18	
11/01/20	

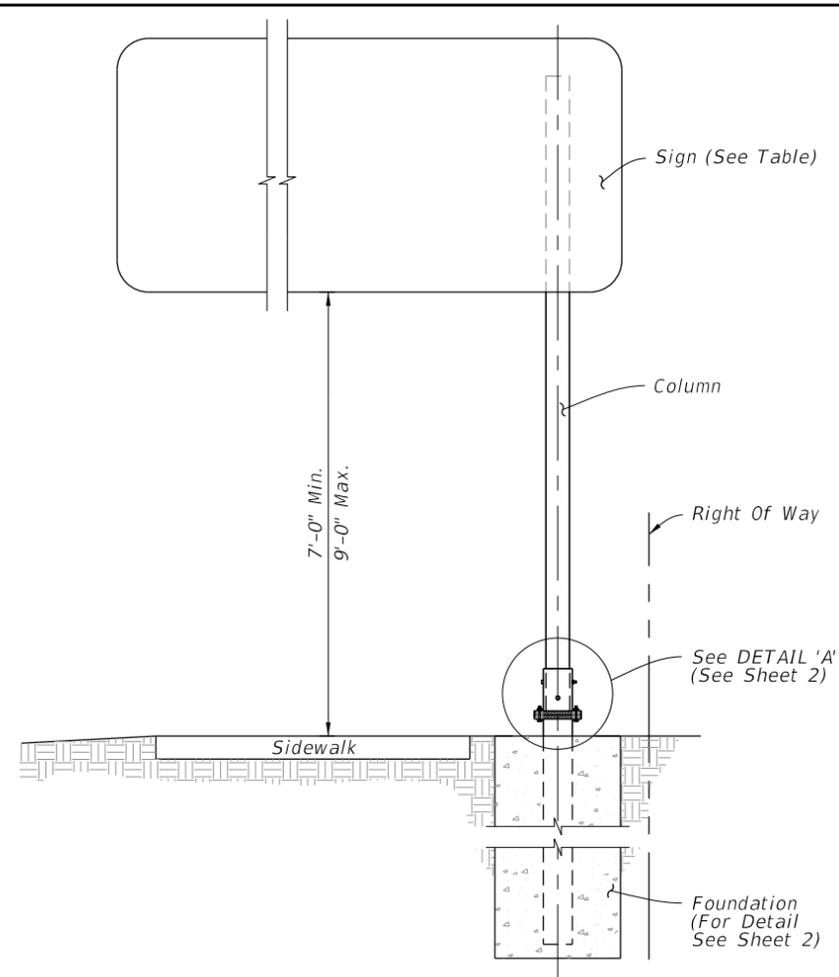


FY 2020-21
STANDARD PLANS

SINGLE COLUMN CANTILEVER
GROUND MOUNTED SIGN

INDEX
700-011

SHEET
1 of 2

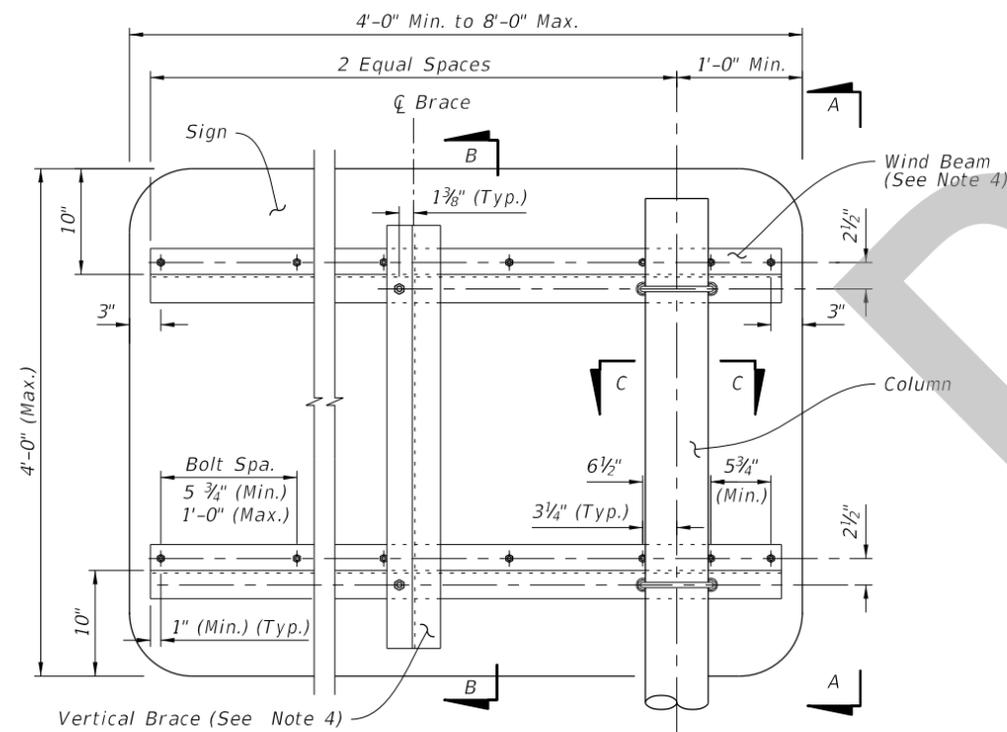


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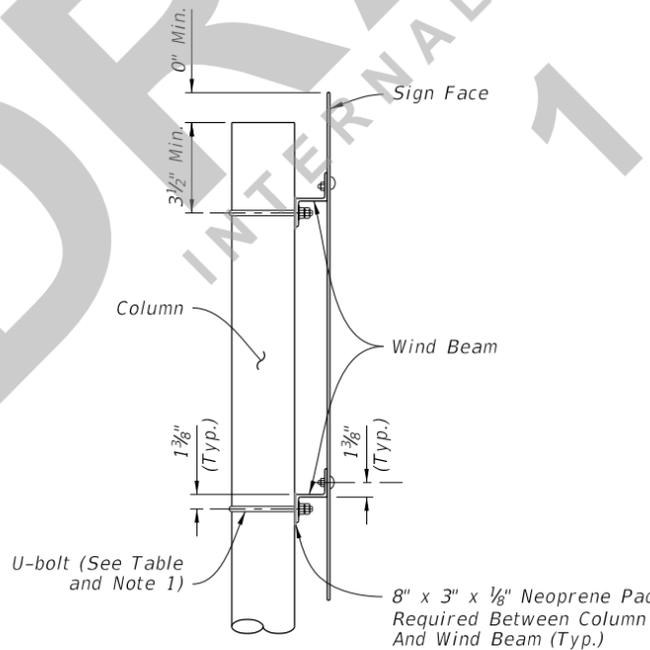
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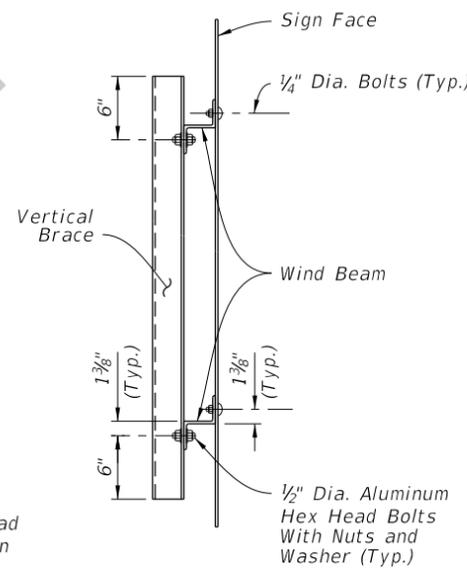
TYPICAL SECTION



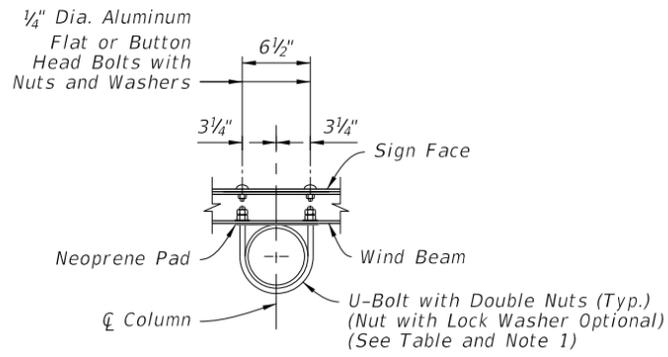
SIGN DETAIL



VIEW A-A



SECTION B-B



SECTION C-C

8/12/2020 1:50:00 PM

LAST REVISION	DESCRIPTION:
11/01/20	


**FY 2021-22
STANDARD PLANS**

**SINGLE COLUMN CANTILEVER
GROUND MOUNTED SIGN**

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