
ORIGINATION FORM

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

Contact Information:

Date: August 5, 2021
Originator: Andre Pavlov
Phone: (850) 414-4293
Email: Andre.Pavlov@dot.state.fl.us

Standard Plans:

Index Number: 700-041
Sheet Number (s): 2 of 5
Index Title: Span Sign Structure

Summary of the changes:

Revised Note 5 to read "After galvanizing, provide magnetic particle testing on 100% of upright fillet welds."

Commentary / Background:

During maintenance inspections, weld cracks were found on in-service overhead sign structure supports. A FDOT investigation determined the cracks were formed during fabrication. To implement a better fabrication quality control processes, the note on the Standard is being changed.

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)

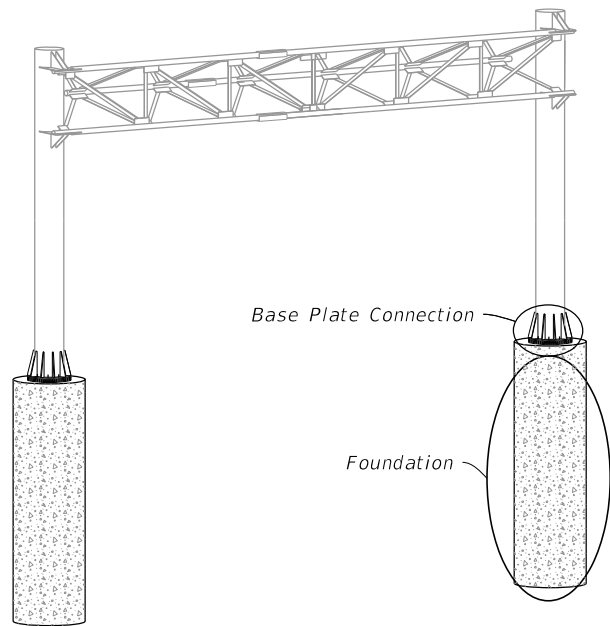
Yes	N/A	
☒	☐	Redline Mark-ups
☐	☐	Proposed Standard Plan Instruction (SPI)
☐	☐	Revised SPI
☐	☐	Other Support Documents

Implementation:

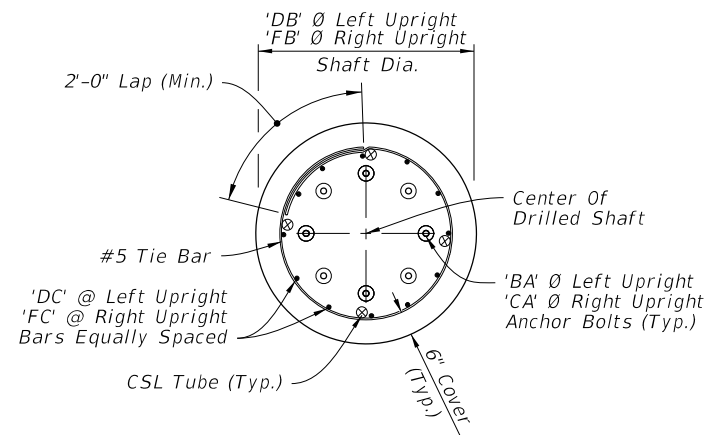
☐ Design Bulletin (Interim)
☐ DCE Memo
☐ Program Mgmt. Bulletin
☒ FY-Standard Plans (Next Release)

Contact the Roadway Design Office for assistance in completing this form

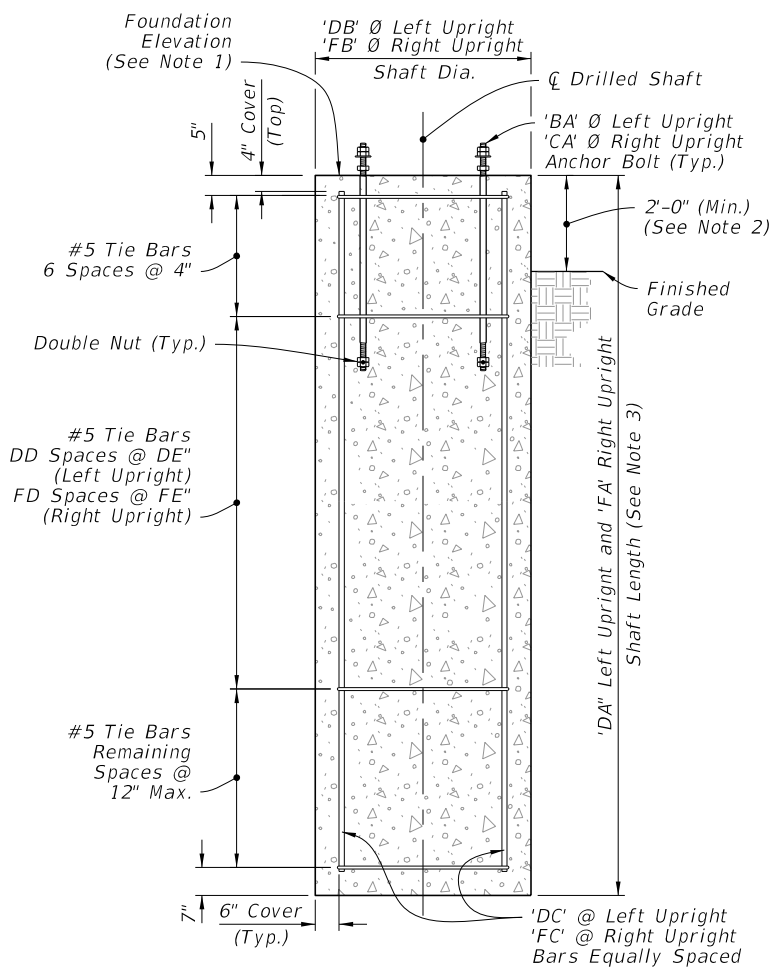
Email to: Rick Jenkins rick.jenkins@dot.state.fl.us and Darren Martin darren.martin@dot.state.fl.us



SPAN SIGN ASSEMBLY



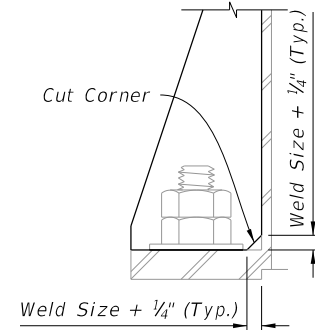
PLAN



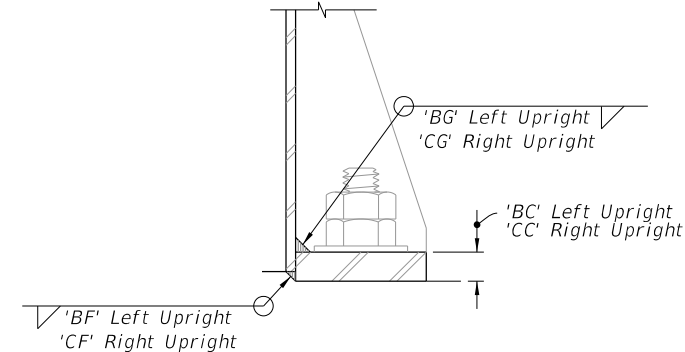
ELEVATION

DRILLED SHAFT

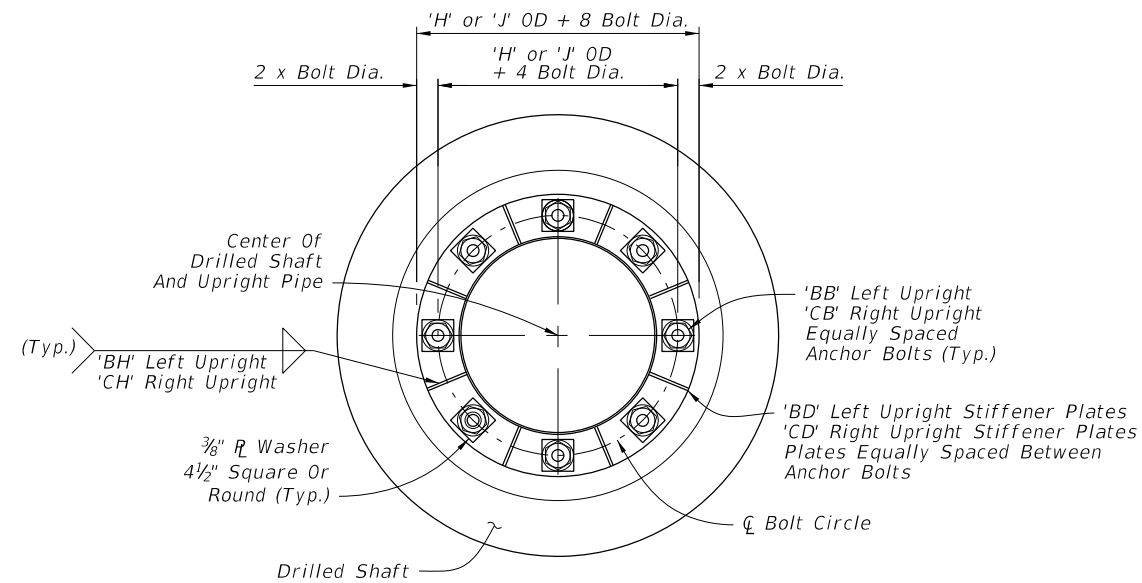
FOUNDATION



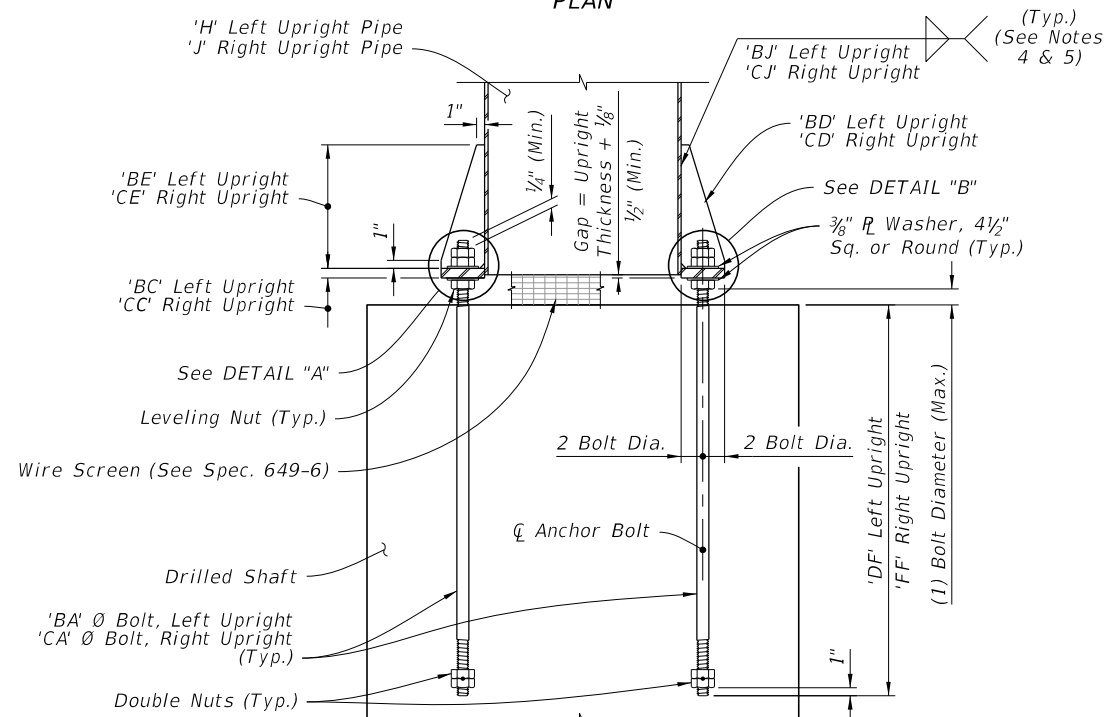
DETAIL "A"



DETAIL "B"



PLAN



ELEVATION

BASE PLATE CONNECTION

NOTES:

1. See Traffic Plans for elevation at top of Foundation.
2. Install Drilled Shaft with a 2'-0" minimum from top elevation of the drill shaft to the finished grade, unless specified otherwise in the plans.
3. The shaft length is based on 2'-0" height above finished grade.
4. Wrap fillet weld around the stiffener termination on the tube wall (Typ.).
5. ~~Provide ultrasonic testing for Lamellar Tearing when wall thickness exceeds 1/2"~~

After galvanizing, provide magnetic particle testing on 100% of upright fillet welds.

10/12/2020 9:01:48 AM

LAST REVISION	DESCRIPTION:
11/01/20	11/01/21



FY 2021-22 2022-23
STANDARD PLANS

SPAN SIGN STRUCTURE

INDEX
700-041

SHEET
2 of 5



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5. After galvanizing, provide magnetic particle testing on 100% of upright fillet welds.