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## ORIGINATION FORM

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

**Contact Information:**

Date: March 23, 2020

Originator: Cheryl Hudson

Phone: 414-5332

Email: Cheryl.hudson@dot.state.fl.us

**Standard Plans:**

Index Number: 700-041

Sheet Number (s): 2

Index Title: Span Sign Structure

**Summary of the changes:**

Added Note 5 and reference to the note.

**Commentary / Background:**

Due to issue with tearing at the top of the stiffeners, adding a requirement for extra testing when poles are greater than 0.5" thick.

**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                  |

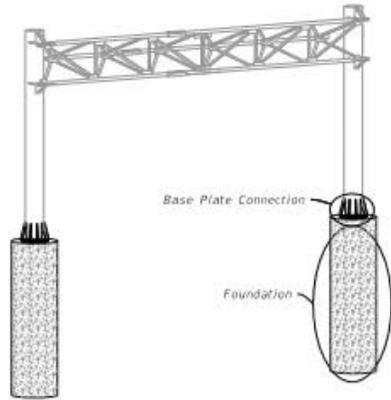
**Implementation:**

- |                                     |                                  |
|-------------------------------------|----------------------------------|
| <input type="checkbox"/>            | Design Bulletin (Interim)        |
| <input type="checkbox"/>            | DCE Memo                         |
| <input type="checkbox"/>            | Program Mgmt. Bulletin           |
| <input checked="" type="checkbox"/> | FY-Standard Plans (Next Release) |

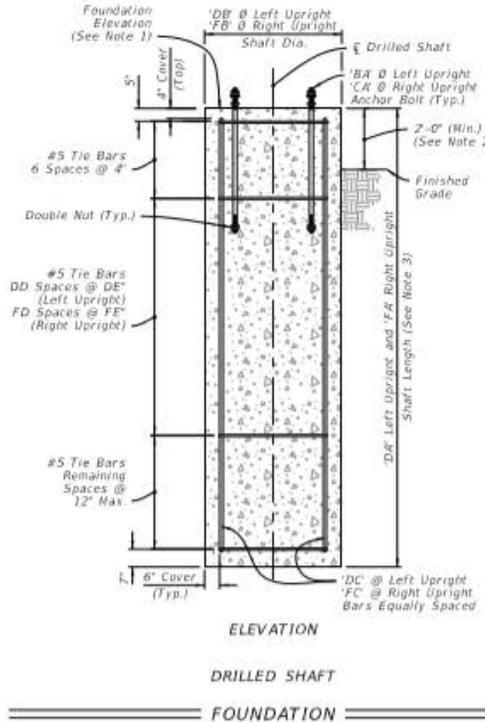
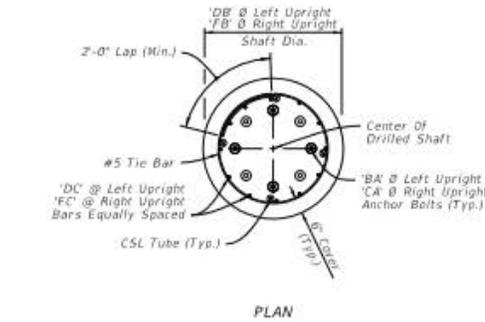
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Contact the Roadway Design Office for assistance in completing this form

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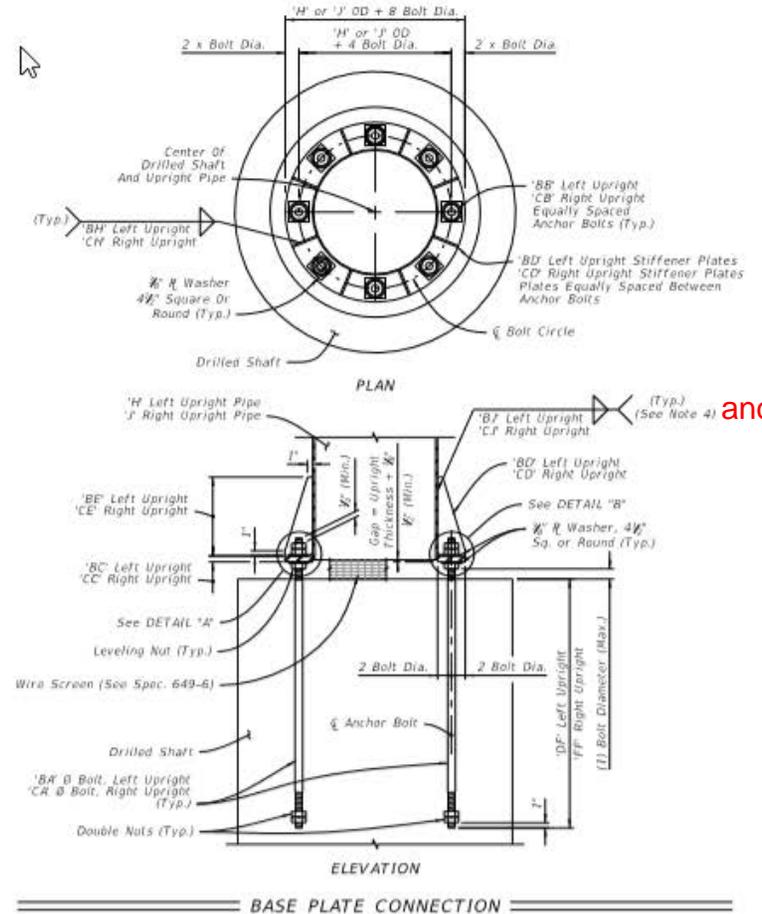
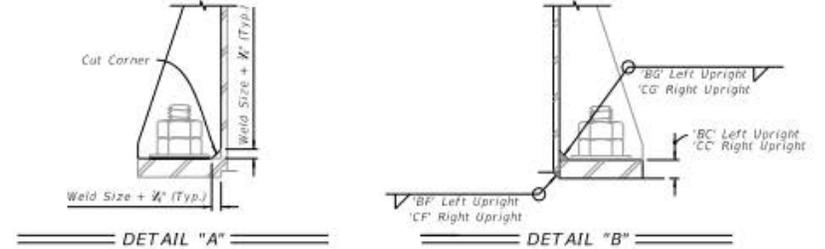
SPAN SIGN ASSEMBLY



**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).

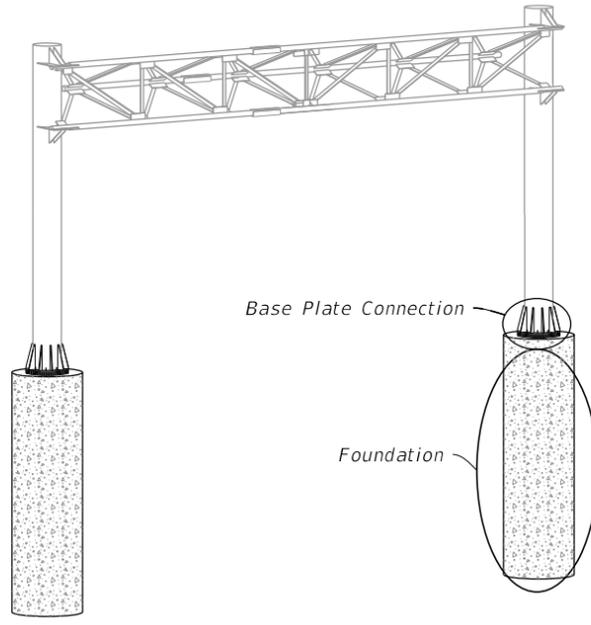
5. Provide Ultrasonic Testing for Lamellar Tearing when wall thickness exceeds 1/2"



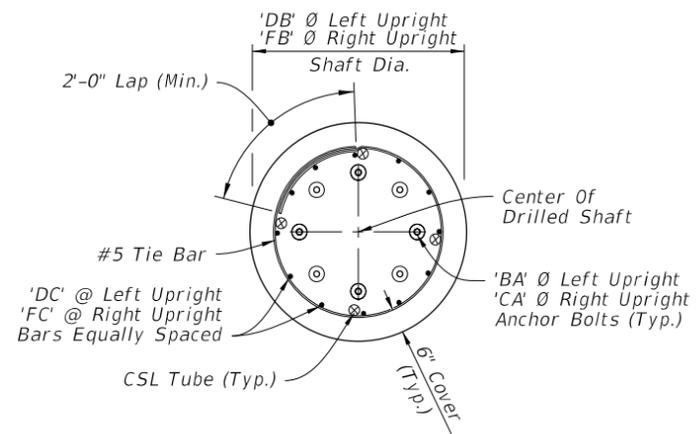
and 5)

11/01/17 11/01/17

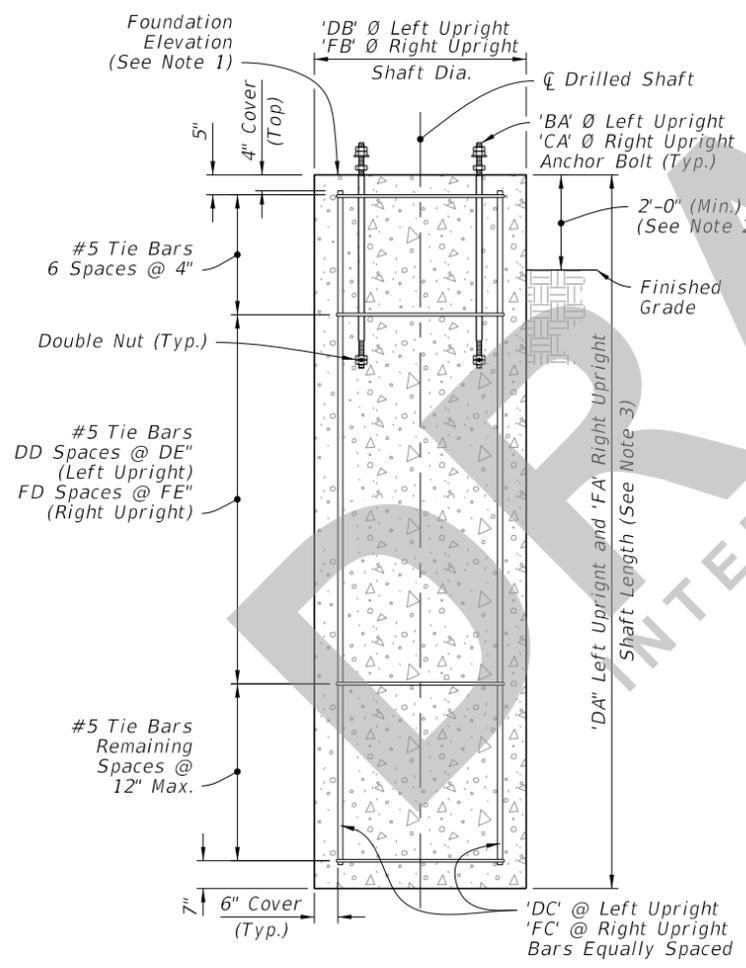
LAST REVISION 11/01/17	DESCRIPTION:		FY 2020-21 STANDARD PLANS	SPAN SIGN STRUCTURE	INDEX	SHEET
					700-041	2 of 5



SPAN SIGN ASSEMBLY



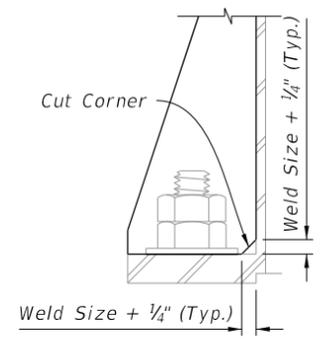
PLAN



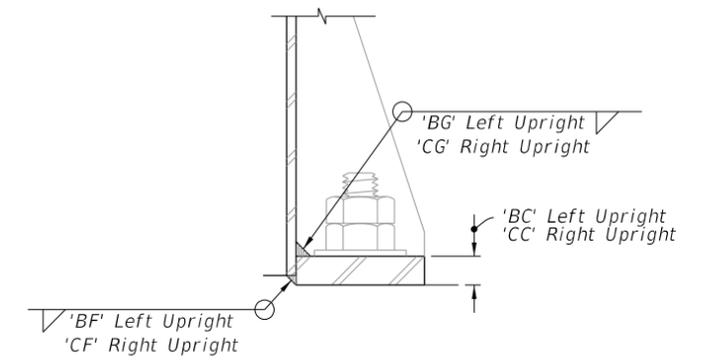
ELEVATION

DRILLED SHAFT

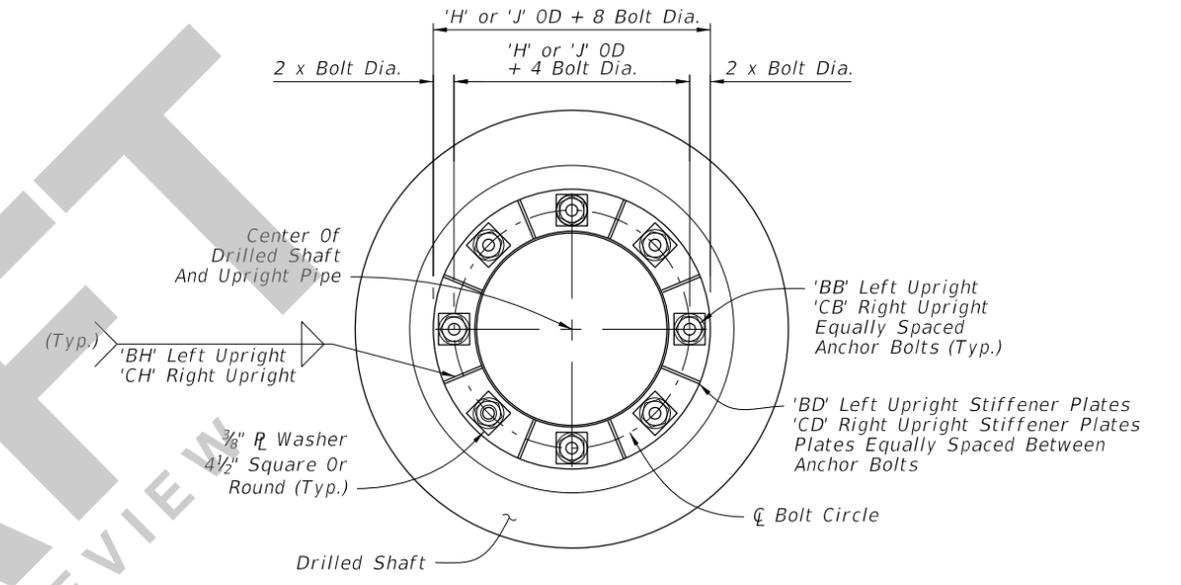
FOUNDATION



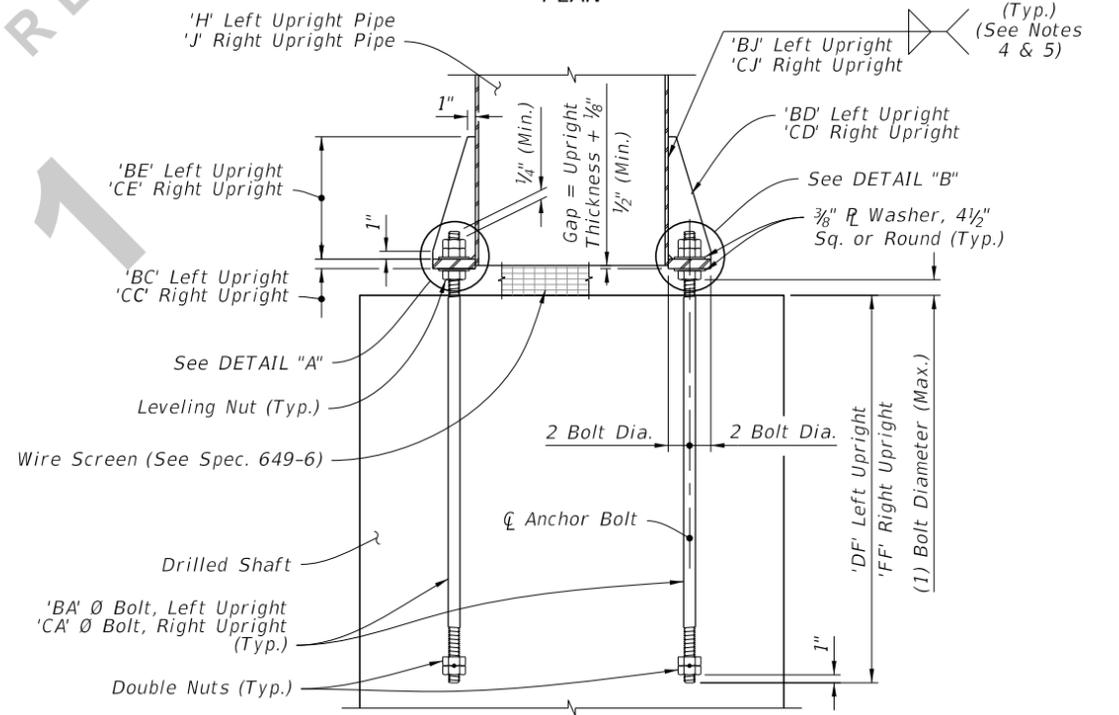
DETAIL "A"



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"

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LAST REVISION 11/01/20	REVISION	DESCRIPTION:	 FY 2020-21 STANDARD PLANS	SPAN SIGN STRUCTURE	INDEX 700-041	SHEET 2 of 5
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