ORIGINATION FORM

Proposed Revisions to a Standard Plans Index

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

Contact Information:

Date: July 10, 2020

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Standard Plans:

Index Number: 700-120

Sheet Number (s): 9 of 10

Index Title: Enhanced Highway Signing Assemblies

Summary of the changes:

Sheet 9: Changed Note 1; Added Note 3.

Commentary / Background:

The auxiliary pole configuration shown on Index 700-120 Sheet 1 of 10 will not work with Roadside Sign Assembly-7 shown on Index 700-120 Sheet 9 of 10 because the batteries used for the Wrong Way Vehicle Detection System weigh more than 170 lbs. A ground mounted controller and battery cabinet provides a safer and maintainable solution for the solar powered option

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:
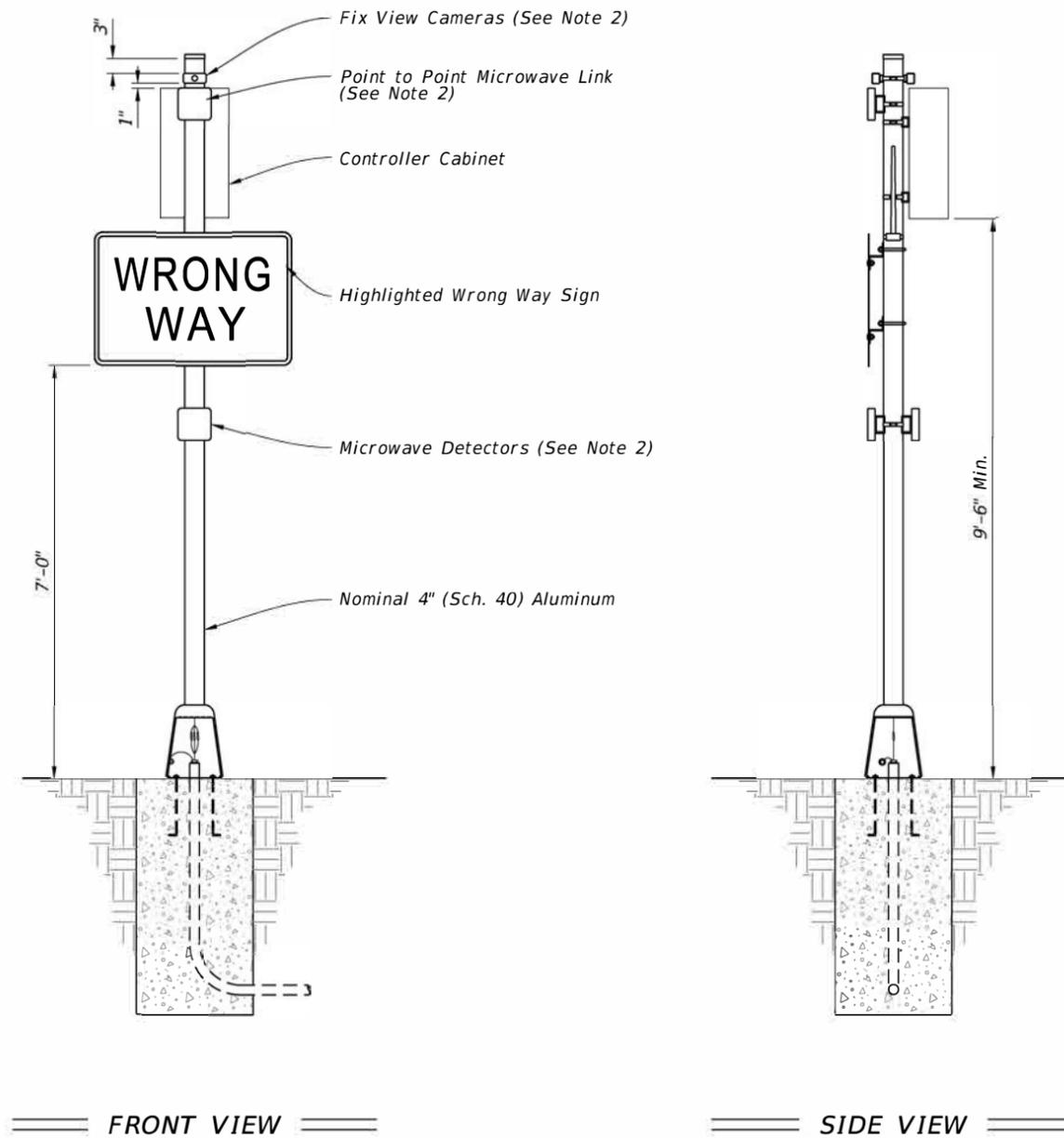
(Email or hand deliver package to Rick Jenkins)

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

3"

1"

Fix View Cameras (See Note 2)

Point to Point Microwave Link
(See Note 2)

Controller Cabinet

WRONG
WAY

Highlighted Wrong Way Sign

Microwave Detectors (See Note 2)

7'-0"

9'-6" Min.

Nominal 4" (Sch. 40) Aluminum

═══ *FRONT VIEW* ═══

═══ *SIDE VIEW* ═══

NOTES:

1. Type A7 Assembly (Conventionally–Powered) is shown. ~~Type B7 Assemblies (Solar–Powered) Similar~~.

2. Install cameras, point to point microwave link, microwave detectors, and antennas in accordance with the manufacturer's instructions.

3. For solar powered assemblies, install controller and batteries in the same ground mounted cabinet. Install a separate pole for mounting the solar panel. Install the solar panel pole and cabinet as close to the right of way boundary as possible. Orient solar panel to face South.

11/01/20

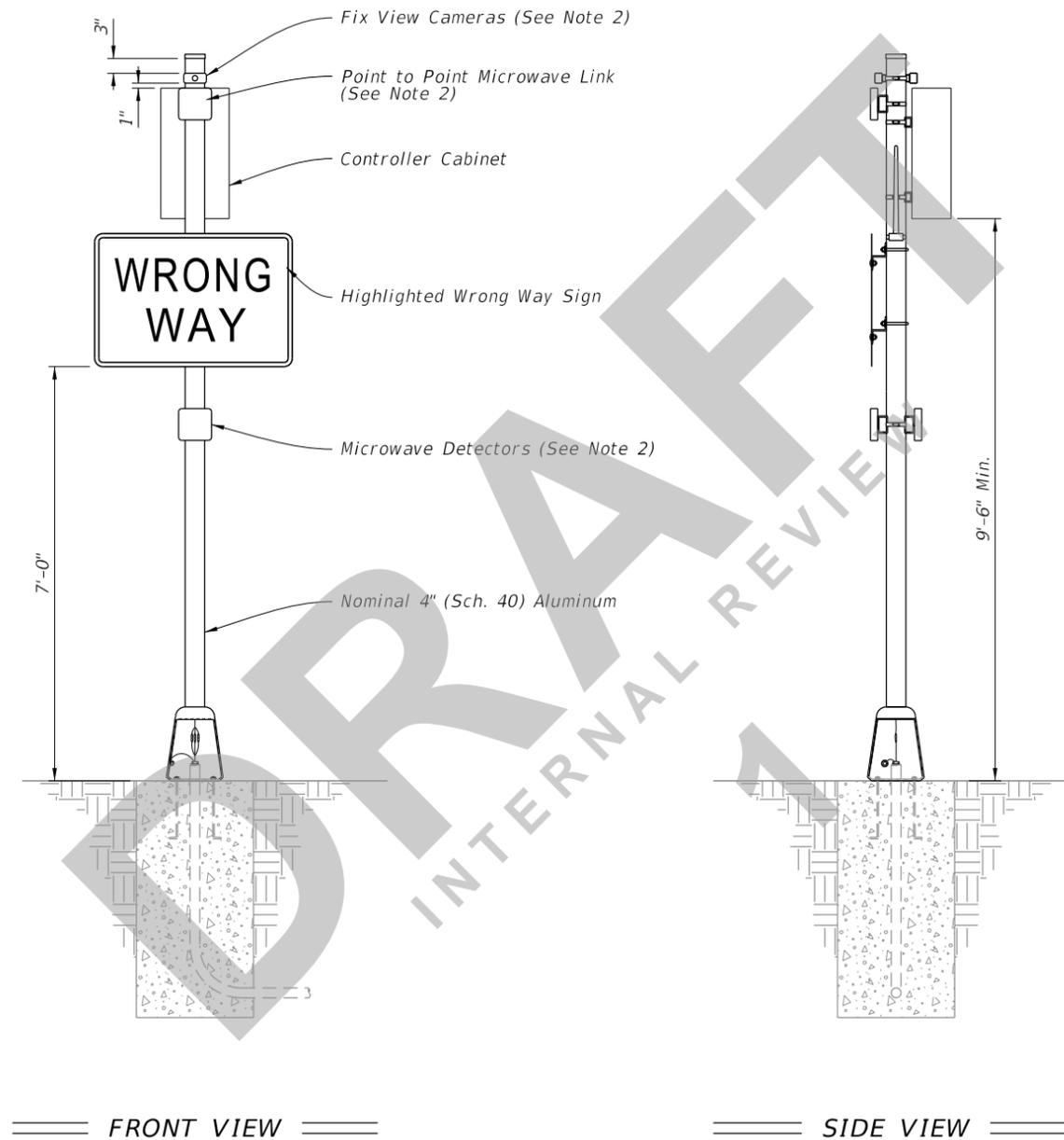10/14/2019   2:45:24 PM

LAST
REVISION
07/01/19

REVISION

DESCRIPTION:

FDOT

FY 2020-21
STANDARD PLANS

ENHANCED HIGHWAY SIGNING ASSEMBLIES

ROADSIDE SIGN ASSEMBLY-7

INDEX

700-120

SHEET

9 of 10

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ROADSIDE SIGN ASSEMBLY-7

10:18:22 AM

8/9/2020