
ORIGINATION FORM

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

Contact Information:

Date: 4/23/20

Originator: Cheryl Hudson

Phone: 414-5332

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

Standard Plans:

Index Number: 455-003

Sheet Number (s): 1

Index Title: Square Prestressed Concrete Piles - EDC
Instrumentation



Summary of the changes:

Added Notes 3 & 4 and references to those notes.

Commentary / Background:

See Bulletin.

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

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

Origination Package Includes:

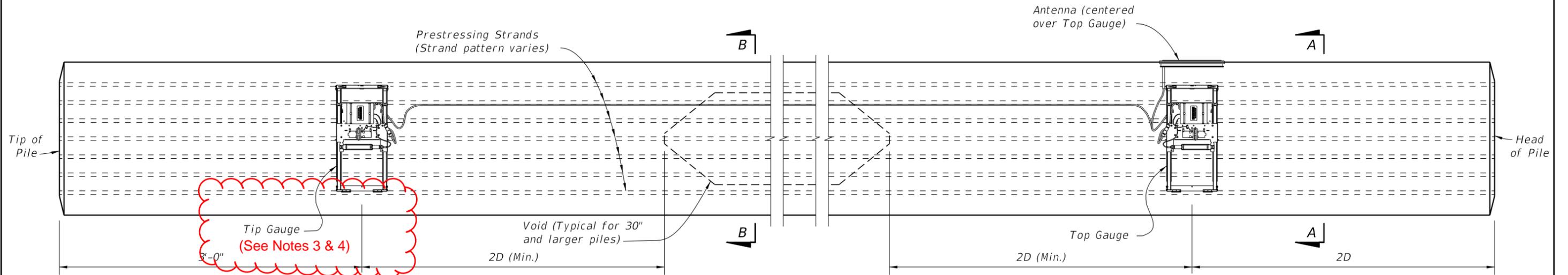
(Email or hand deliver package to Rick Jenkins)

- | 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 |

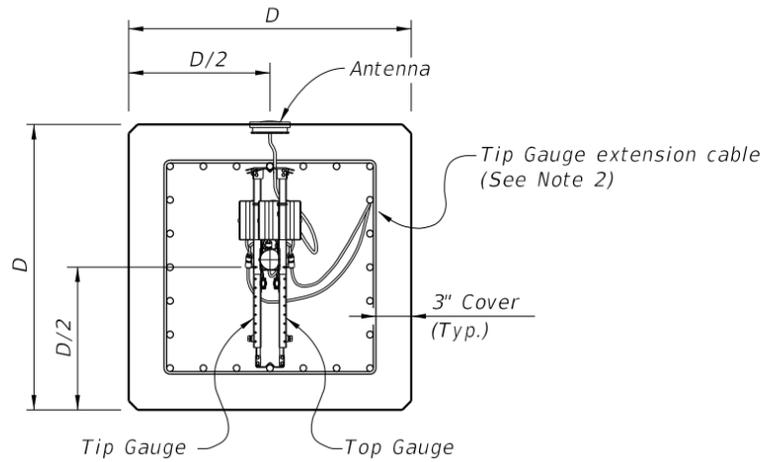
Implementation:

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

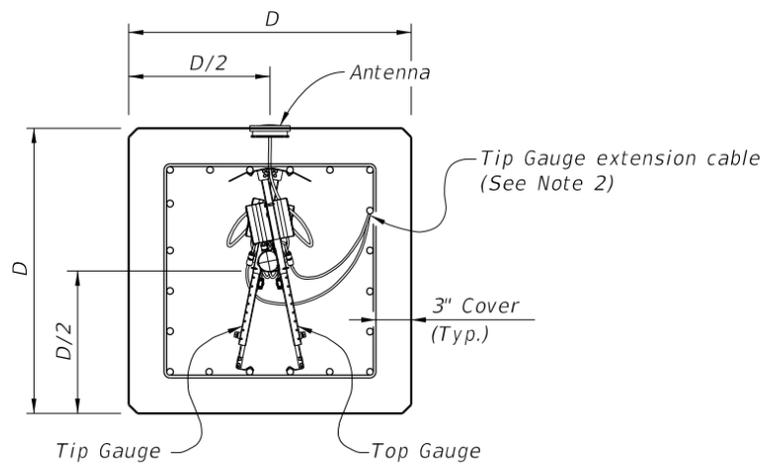
Contact the Roadway Design Office for assistance in completing this form



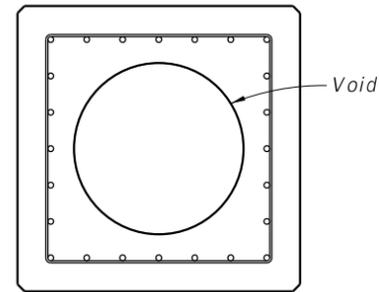
ELEVATION



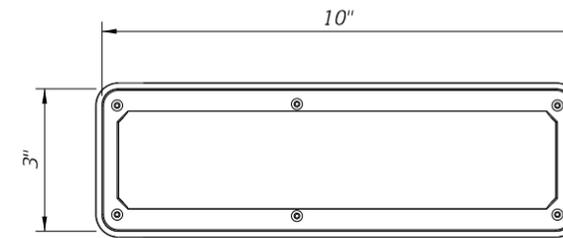
SECTION A-A
(Strand Pattern with odd number of strands per face)



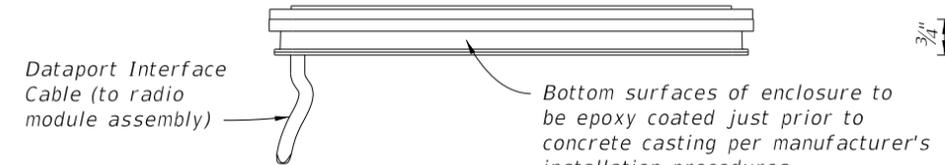
SECTION A-A
(Strand Pattern with even number of strands per face)



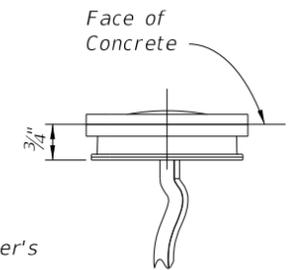
SECTION B-B
(Showing Voided Pile,
Solid Pile Similar)



ANTENNA TOP VIEW



ANTENNA SIDE VIEW



ANTENNA END VIEW

Note 3
Tip Gauge required in all EDC test piles.

Note 4.
Tip Gauge required in at least 10% of the total number of EDC piles (minimum one pile per bent/pier foundation).

NOTES:

1. For piles 18" and larger installed for bridge foundations, provide EDC Instrumentation in accordance with Specification Section 455.
2. Attach Tip Gauge extension cable to the underside of the strand shown in Section A-A. Secure cable to strand with nylon wire ties spaced a maximum of 6ft. along cable.

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11/01/20

LAST REVISION	DESCRIPTION:
07/01/15	

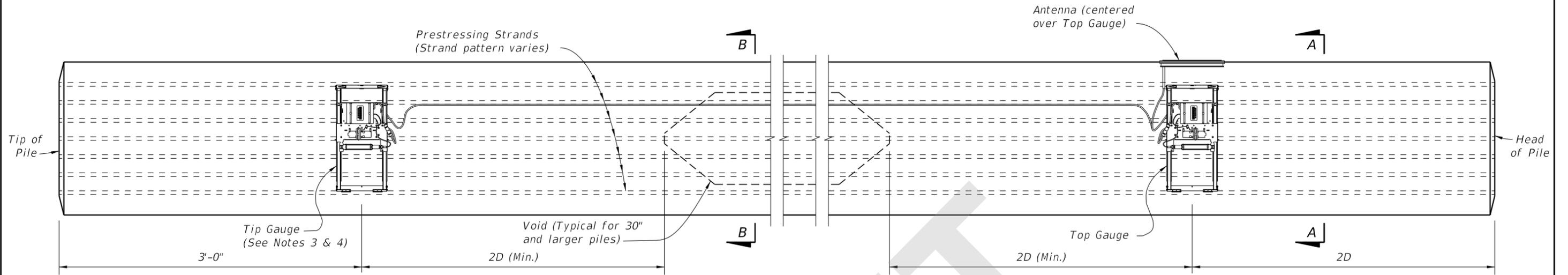


FY 2020-21
STANDARD PLANS

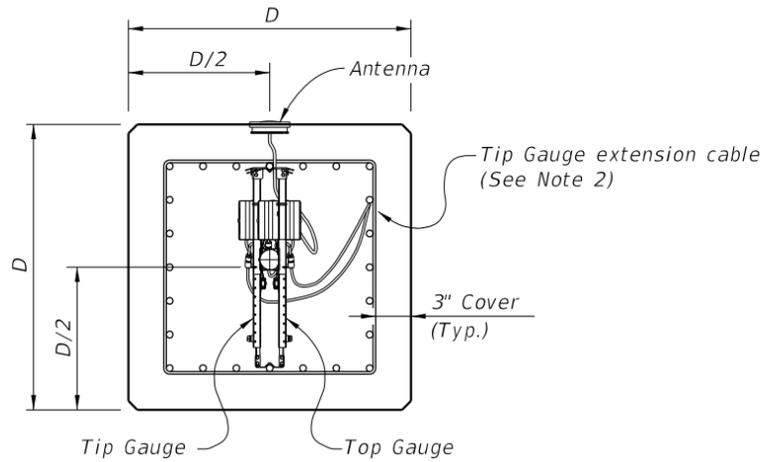
SQUARE PRESTRESSED CONCRETE PILES -
EDC INSTRUMENTATION

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455-003

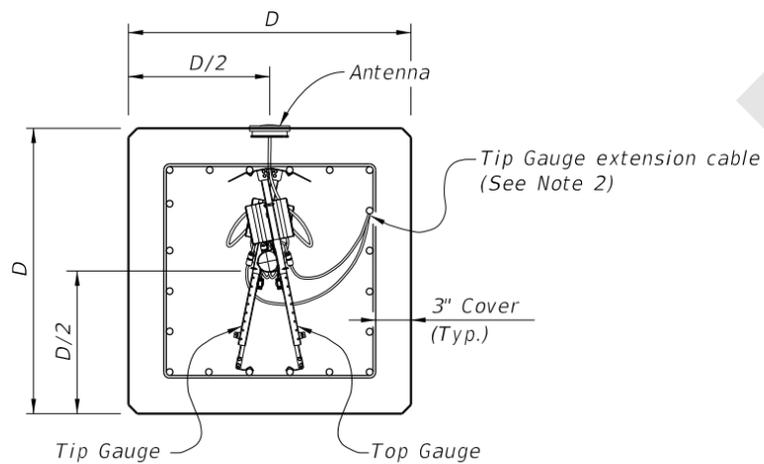
SHEET
1 of 1



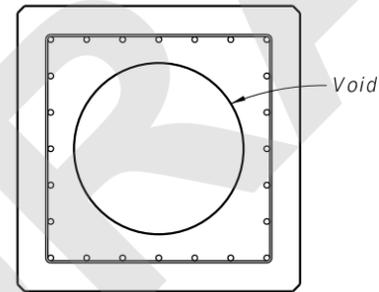
ELEVATION



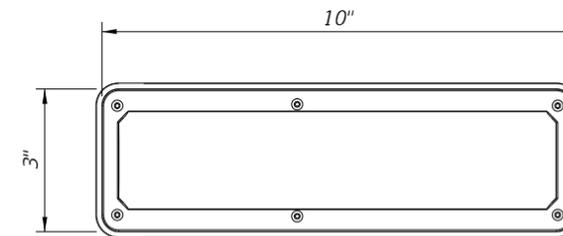
SECTION A-A
(Strand Pattern with odd number of strands per face)



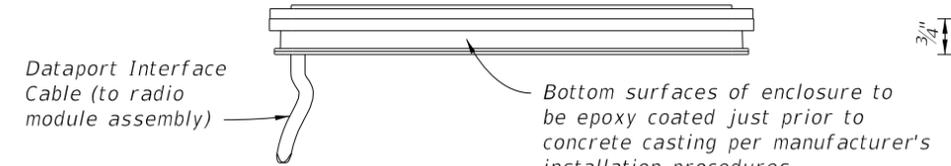
SECTION A-A
(Strand Pattern with even number of strands per face)



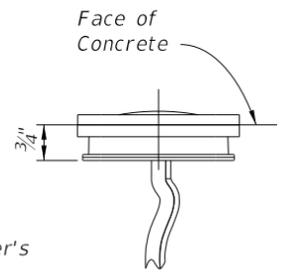
SECTION B-B
(Showing Voided Pile,
Solid Pile Similar)



ANTENNA TOP VIEW



ANTENNA SIDE VIEW



ANTENNA END VIEW

NOTES:

1. For piles 18" and larger installed for bridge foundations, provide EDC Instrumentation in accordance with Specification Section 455.
2. Attach Tip Gauge extension cable to the underside of the strand shown in Section A-A. Secure cable to strand with nylon wire ties spaced a maximum of 6ft. along cable.
3. Tip Gauge required in all EDC test piles.
4. Tip Gauge required in at least 10% of EDC Piles in all Bents and Footings.

SDATES STIMES

LAST REVISION 11/01/20	REVISION	DESCRIPTION:
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SQUARE PRESTRESSED CONCRETE PILES -
EDC INSTRUMENTATION

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