



Underground Wireline Occupancy

RailPros Tracking # 40072

General Details

Applicant WO# - PO#:	PO#:	WO#:
	<input type="text" value="8009403"/>	<input type="text"/>
RR Activity/File #:	<input type="text"/>	
Project Name:	<input type="text" value="Dinsmore Solar Feeder Crossing on Plummer Rd."/>	
Estimated Start and End Date:	From 09/01/2025	To
New or Existing?	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Existing Permit# <input type="text"/>
Railroad(s):	<input type="text" value="Norfolk Southern"/>	
Summary of Proposed Work, etc.:	<input type="text" value='JEA is to install four 6" conduits crossing the Norfolk Southern Railroad tracks along Plummer Rd., two of which will each contain 3-1000kcml aluminum and 4/0 copper neutral 26kV wires. JEA will also install two 4" conduits which will be for future use. These conduits will be installed crossing perpendicular to the track with minimum depths of 10ft in the railroad ROW and minimum 15ft within 25ft of the track centerline. Please refer to the submitted plan and profile views for specific spacing and arrangement.'/>	

Specifications

Type of Proposed Installation:

- ☒ Transverse crossing only
- ☐ Longitudinal (parallel to tracks) occupancy only
- ☐ Longitudinal and transverse crossing(s)
- ☐ Wire line in highway under railroad bridge
- ☐ Wire line on highway bridge over railroad

Type of Wire:

- ☐ Cable TV
- ☐ Telephone
- ☒ Electric Power
- ☐ Fiber Optic
- ☐ Other



Gauge of wire:	<input type="text" value="1000kcml, 4/0"/>
Total number of wires:	<input type="text" value="8"/>
Material of wire:	<input type="text" value="Aluminum, Copper"/>
Maximum circuit voltage:	<input type="text" value="26kV"/>
Total number of fibers or pairs in cable:	<input type="text"/>

All underground conduit applications shall include a conduit data sheet, plan, and profile view of the proposed facility. See the NSCE-4 for the required form at below is a suggested check-list for your plan development.

Conduit Data Sheet (next page)

Plan View of Crossing (see NSCE-8 Specification Plate II for sample)

- ☒ All railroad tracks, including distance to any track switches or turnouts from proposed conduit
- ☒ Indicates distance (in feet) to Norfolk Southern Milepost or grade crossing
- ☒ Angle of crossing relative to railroad track(s)
- ☒ Dimensioned property lines
- ☒ Location of conduit marker signs (preferably located at edge of property or right of way lines)
- ☒ Location of all existing railroad communications lines and all utility lines
- ☒ Location of any fiber-optic cables parallel to tracks
- ☒ Conduit casing pipe length
- ☒ If within highway limits or in the vicinity of a grade crossing, location and type of grade crossing traffic control devices (flashers, gates, etc.) and clearance from existing devices to proposed wire line
- ☒ Location of launching and receiving pits

Profile View of Crossing (see NSCE-8 Specification Plate III for sample)

- ☒ All railroad tracks
- ☒ Profile of ground above crossing
- ☒ Dimensioned property lines



- ☒ Theoretical railroad embankment lines
- ☒ Proposed location and elevations of launching and receiving pits
- ☒ Casing pipe length
- ☒ Bottom of rail elevation
- ☒ Depth of cover between bottom of rail and top of conduit or casing pipe
- ☒ Location of and the minimum depth of cover from ground line to top of conduit or casing pipe on right of way (including ditches)

Conduit Data Sheet

(For Telecom and Power Conduits only, 6" in diameter or less)

	CONDUIT
NOMINAL SIZE OF PIPE	6"
MATERIAL*	POLYETHYLENE GRAY
OUTSIDE DIAMETER	6"
INSIDE DIAMETER	5.398"
WALL THICKNESS - must be at least 0.188"	0.602"
TYPE OF COATING	

*** STEEL conduits required at least 10' depth below base of rail**
HDPE conduits will be considered at least 15' depth below base of rail

Proposed method of installation (refer to NSCE-4 Specification):

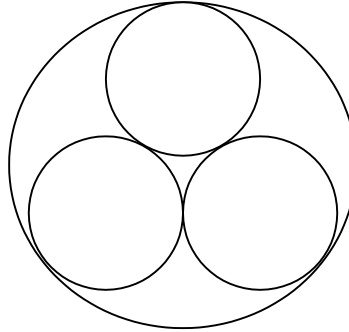
- ☐ Jack & Bore
- ☒ Directional Boring Method "A" – *must have at least 10' depth below base of rail*
- ☐ Directional Boring Method "B" – *only for casings 6 inches or less in diameter*
- ☐ Open Cut – *All installations directly under any track must be designed as a bored installation. Open cut installations will be considered on a case-by-case basis by Norfolk Southern's Division Superintendent at the time of installation.*
- ☐ Other – Please Specify: _____

MULTIPLE INNERDUCTS

NUMBER OF INNERDUCTS WITHIN CASING PIPE:



- Provide a detail or cross section of the casing pipe with innerducts (see below).
- Clearly mark the type of facility that will be installed within each innerduct. If innerduct will be left spare or empty, please identify as such.



Contact Info

Name	Legal Name	Contact Type	Mailing Address	Physical Address	Contact
Gabor Acs	JEA Electric Distribution	Licensee/Facility Owner	225 N Pearl St, Jacksonville, FL 32202 Jacksonville, Duval, Florida 32202	225 N Pearl St, Jacksonville, FL 32202 Jacksonville, Duval, Florida 32202	(904) 665- 6518
Gabor Acs	JEA Electric Distribution	Party to be Invoiced	225 N Pearl St, Jacksonville, FL 32202 Jacksonville, Duval, Florida 32202	225 N Pearl St, Jacksonville, FL 32202 Jacksonville, Duval, Florida 32202	(904) 665- 7729

Location Details

Latitude: Longitude:

For parallel occupancies, add the ending point.

Latitude: Longitude:

Physical Address:

MilePost:

Line/Branch/Subdivision:

State:

Station: To



County:

Val Map:

City/Town/Village:

NS Subsidiary
RR/Shortline RR

Zip:

Street Name:

Division:

Description:

How site is marked?

Legal Description

Township:

Tax Lot:

Range:

Tax Map #:

Section:

Quarter Section:

Block #:

Subdivision Name:

Description:

Documents

Liability Insurance

You will be required to submit Certificates of Insurance before a license can be issued. You may upload them now or at the time of execution. If you chose to be covered under Norfolk Southern Master RPL please indicate. You will not be charged until a License has been issued.

☒ Yes, if approved please add this project to the NS Master RPL at the time of license issuance.

☐ No, we secure a different policy.

Total estimated value of the project located on Norfolk Southern Property:
\$25,001- \$75,000

Project Duration on Norfolk Southern Property:
12 months or less



Title	Description	Document Type	Version #	Date Uploaded
Plan and Profile_07/24/2025 07:44:17 AM		Plan and Profile	2	07/02/2025
Plan and Profile_07/24/2025 07:43:51 AM		Plan and Profile	2	07/02/2025

Fee Payment

Description	Amount
Application Submission Fee	\$2250.00
Expedited Fee	\$0.00
Fee Waived Amount	\$0.00
Estimated Total Fee	\$2250.00
Due Amount	\$0.00
Paid Amount	\$2250.00

Confirmation

*** Make sure you have reviewed the details. Upon submission, your application will be locked for editing and will be routed for processing.

Terms of use

Application Submitted By

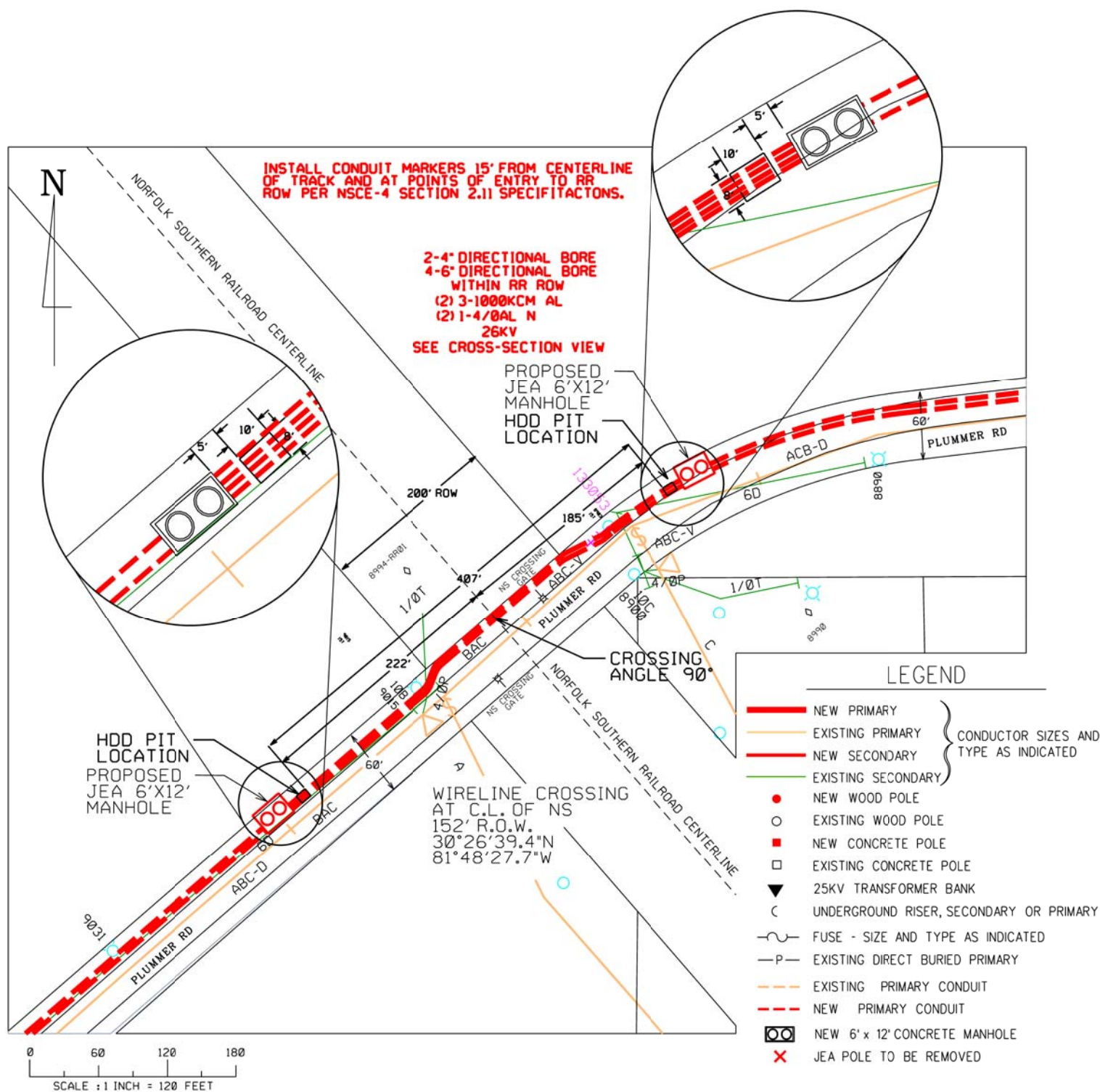
Date/Time

☒ I agree to the terms of use

Michael O'Neal

07/24/25 7:46:00 AM

OPN: 8009403 MW: N/A OH MAP#: 57 SVC CENTER CA MODIFIED
SUB-STA. DINSMORE CIR. NO. 423 EXIST. JEA UG NO TREE TRIMMING REQ'D N
CUSTOMER/ LOCATION HDD AT NS RAIL X-ING COPY TO UTILITIES N



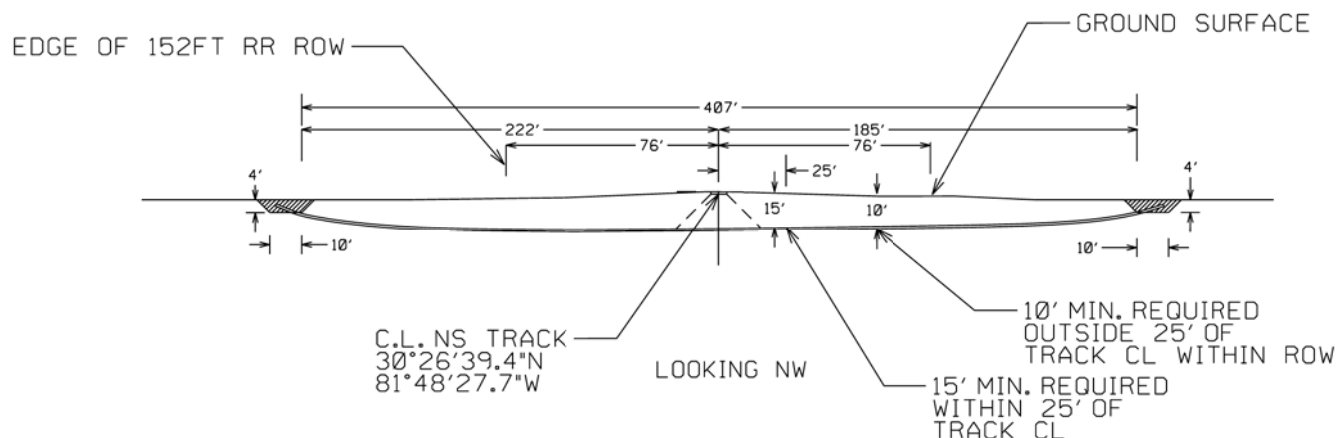
ENGINEER: MICHAEL O'NEAL RADIO NO. N/A PHONE NO: 665-6518 DATE REL CONST: PENDING
CONST. COMPLETED BY DATE AS-BUILT RECEIVED

OPN: 8009403 MWO: N/A OH MAP#: 57 SVC CENTER CA MODIFIED

SUB-STA. DINSMORE CIR. NO. 423 EXIST. JEA UG NO TREE TRIMMING REQ'D N

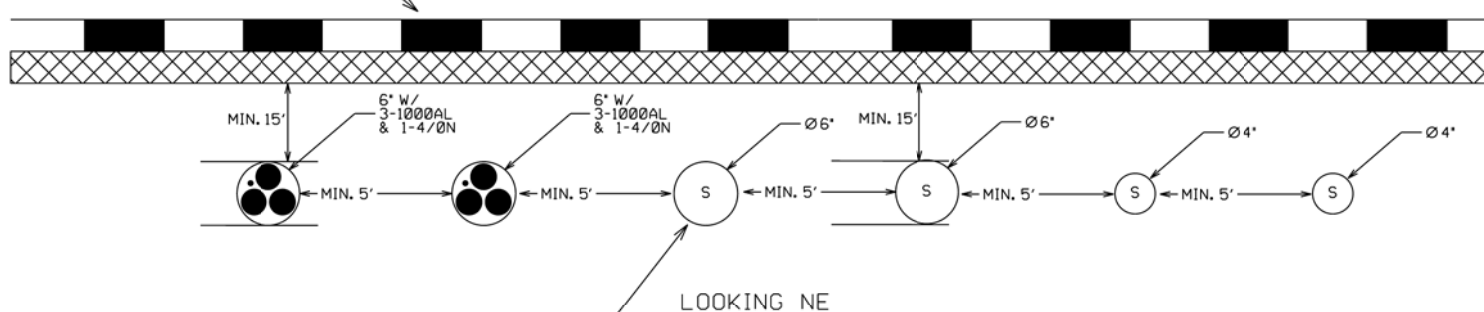
CUSTOMER/ LOCATION HDD AT NS RAIL X-ING COPY TO UTILITIES N

HDD PROFILE VIEW



N.T.S.

NS TOP OF TRACK CROSS SECTION VIEW AT CL



ALL CONDUIT TO BE SDR-11 OR BETTER TO BE INSTALLED VIA HDD AND MAINTAIN A MINIMUM DEPTH OF 15FT WITHIN 25FT OF CENTERLINE AND 10FT ELSEWHERE WITHIN THE ROW

LOOKING NE

N.T.S.

Proposed scope of work:

- Placement via HDD 4 x 6in HDPE SDR11 pipes (2x 3 phase 26.4kV wireline & 3x empty) and via HDD 2 x 4in HDPE SDR11 pipes (2x empty)

General Notes:

- Installed by HDD and maintains a minimum of 15ft depth within 25ft of the centerline and 10ft elsewhere within the Railroad R/W
- Minimum required horizontal spacing/separation between pipes is 5ft measured from outer pipe OD
- Bore tracked constantly with location and depth marked every 10'
- Casing pipe ends must be sealed to prevent entrance of foreign materials. NS Pipeline Specs. Page 7).
- Work will be continuous until pipe is pulled into place.
- All drill heads are required to be on site for expected and unexpected soil conditions.
- Maximum bore hole size is not to exceed 1.5 times the Outside Diameter (OD) of the casing pipe.
- All conduits shall be prominently marked 15ft from the centerline of the nearest track (except those in street or access roads, where it would not be practical to do so or would interfere with NS operations) and at property lines at the points of entry/exit (on both sides of track for crossings) by durable, weatherproof signs located over the centerline of the conduit, and contain the information in NSCE-4 Section 2.11 specifications.

ENGINEER: MICHAEL O'NEAL RADIO NO. N/A PHONE NO: 665-6518 DATE REL CONST: PENDING

CONST. COMPLETED BY DATE AS-BUILT RECEIVED