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# WELCOME!

The virtual community meeting will begin shortly.



**Dominion  
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**Shawboro – Elizabeth City**

**230 kV Electric Transmission Line Rebuild Project  
in the North Carolina counties of Pasquotank, Currituck,  
and Camden**

**Virtual Community Meeting**

**June 11, 2024**



**Dominion  
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# Agenda

- **WELCOME:** Thank you for joining us! This meeting is being recorded. Your audio will remain muted throughout the presentation.
- **PROJECT BRIEF:** To replace aging equipment and maintain reliable service for our customers, we are rebuilding an existing 230 kilovolt (kV) electric transmission line between our Shawboro and Elizabeth City substations. This project spans approximately 10.3 miles.
- **Q&A:** Please submit your questions through the Q&A feature in WebEx.

*We are committed to working respectfully and being good neighbors in the communities we serve.*



# Project Team

Subject matter experts are here for you



**Carrie**  
Communications



**Danny**  
Project Manager



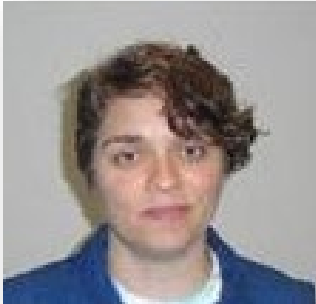
**Logan**  
Line Engineer



**Hannah**  
Siting and Permitting



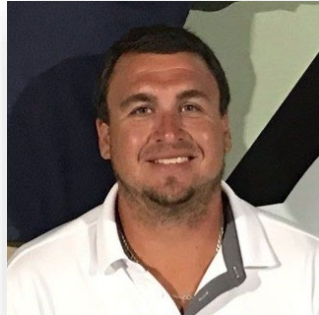
**CJ**  
Access



**Jen**  
Forestry



**Bobby**  
Environmental  
Permitting



**Lonnie**  
Construction

# Safety Topic

## Heat Safety

When keeping workers safe in the summer heat, remember:

**WATER** 

**REST** 

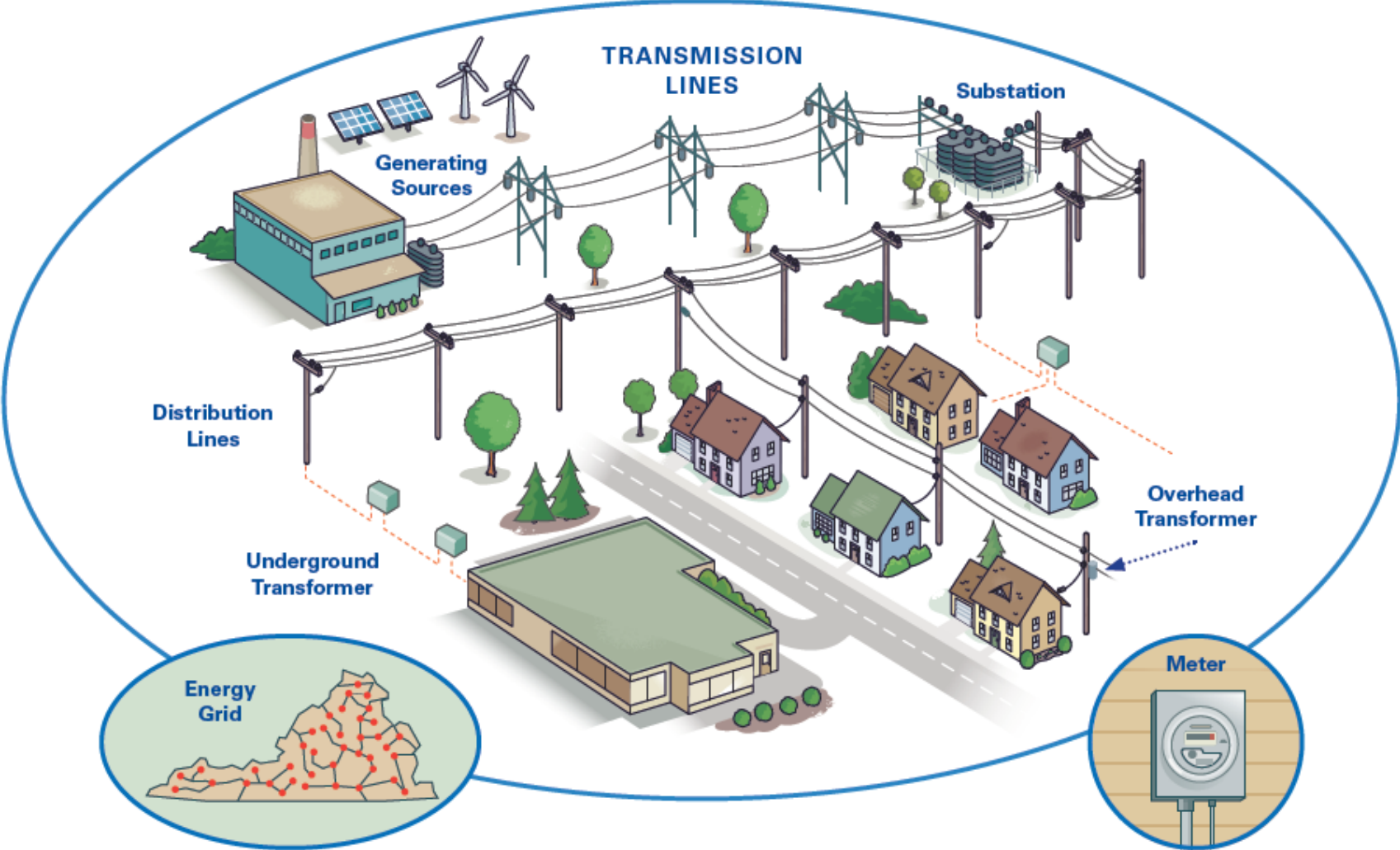
**SHADE** 

### Additional Tips:

- Apply sunscreen and hydrate regularly.
- Avoid caffeine in heat.
- Wear hats and light clothing in the sun.



# Electric Grid Overview



# Project Overview

- This project is needed to replace aging equipment and maintain reliable service for our customers
- 230 kilovolt (kV) electric transmission line
- ~10.3 miles long
- Uses existing right of way corridor

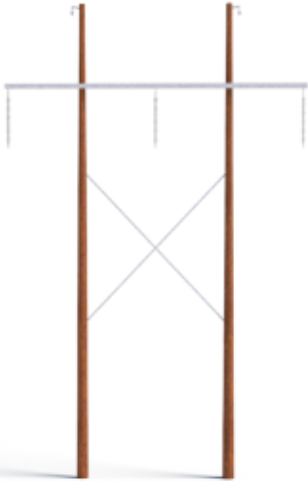


# Structures

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Wooden H-frame Structure



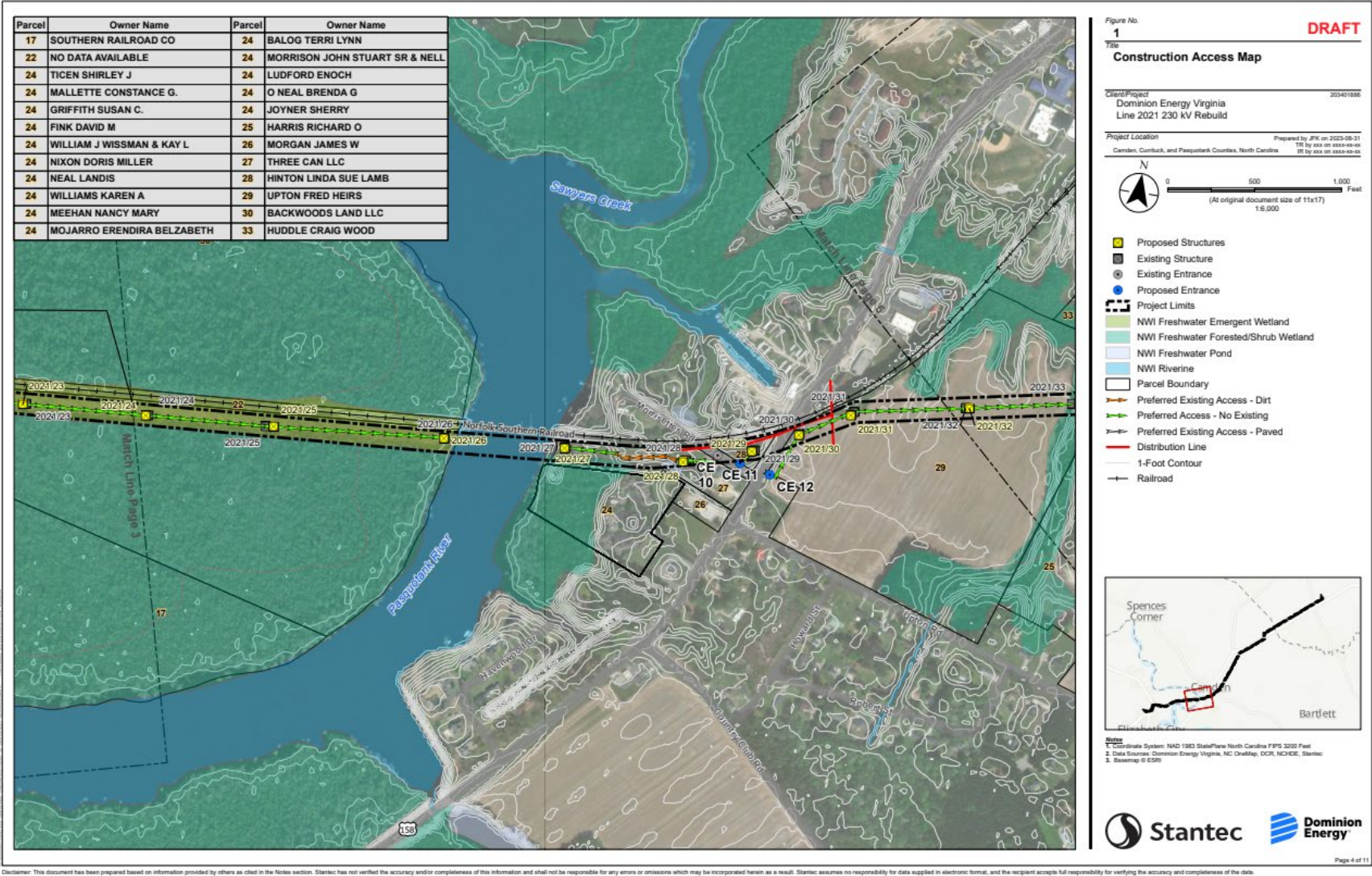
Weathering Steel H-frame Structure

This rendering is for illustrative purposes only and is not intended for detailed engineering purposes. Actual structure heights and types may vary.



# Project Map

## Structure locations and access plans



Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



# Project Map

## Structure locations and access plans

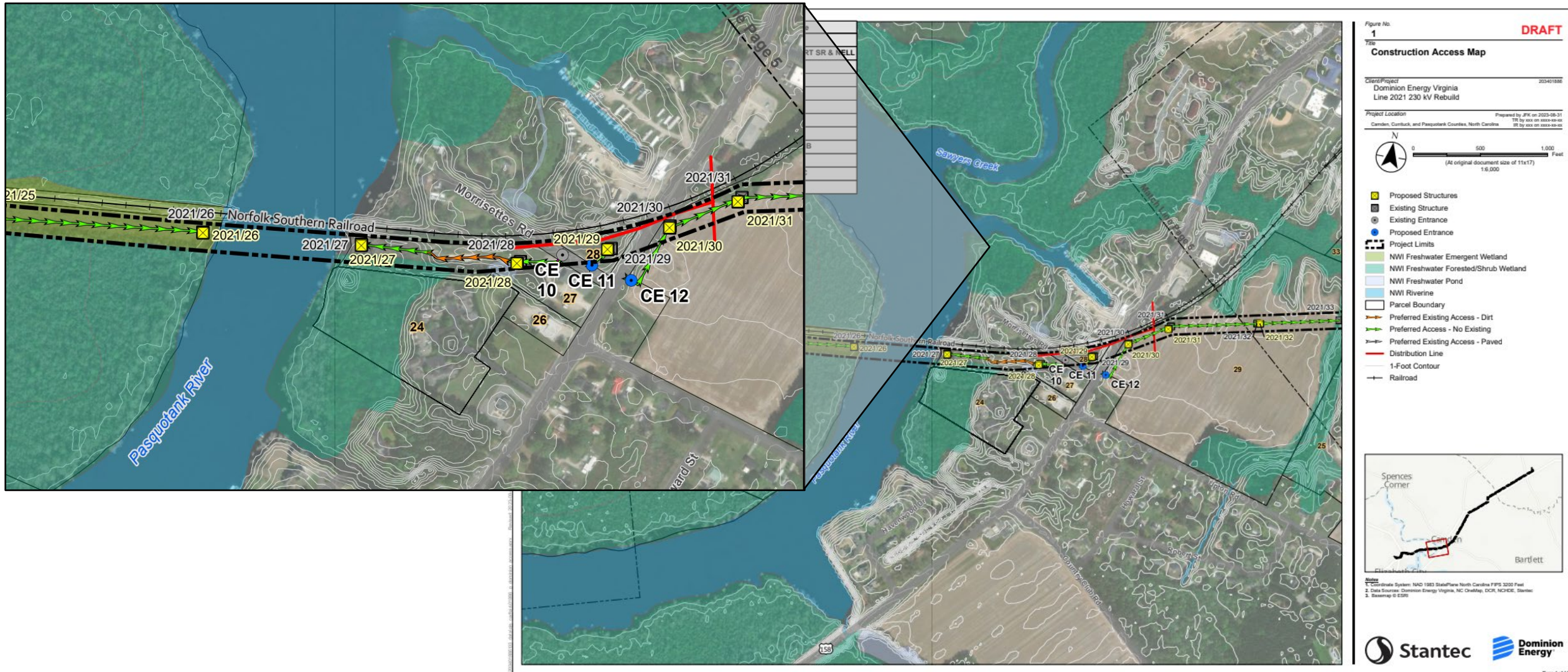


Figure No. 1  
**DRAFT**  
**Construction Access Map**

Client/Project  
 Dominion Energy Virginia  
 Line 2021 230 kV Rebuild

Project Location  
 Camden, Currituck, and Pasquotank Counties, North Carolina

Prepared by JPM on 2023-08-31  
 TR by ax on 2023-08-31  
 IT by ax on 2023-08-31

North Arrow  
 Scale: 0, 500, 1,000 Feet  
 (At original document size of 11x17)  
 1:6,000

- Proposed Structures
- Existing Structure
- Existing Entrance
- Proposed Entrance
- Project Limits
- NWI Freshwater Emergent Wetland
- NWI Freshwater Forested/Shrub Wetland
- NWI Freshwater Pond
- NWI Riverine
- Parcel Boundary
- Preferred Existing Access - Dirt
- Preferred Access - No Existing
- Preferred Existing Access - Paved
- Distribution Line
- 1-Foot Contour
- Railroad



Notes  
 1. Coordinate System: NAD 1983 StatePlane North Carolina FIPS 3202 Feet  
 2. Data Sources: Dominion Energy Virginia, NC Geology, GCR, NC/DC, Stantec  
 3. Basemap: © ESRI



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# Construction Schedule

\*Pending weather and progress

## PRECONSTRUCTION

- **Summer 2023:** Field surveys
- **Spring 2024:** Field access reviews
- **Summer - fall 2024:** Access, staking structures, forestry

## CONSTRUCTION

### PHASE 1: Shawboro – Pasquotank River (~7.3 miles)

- **August 2024:** Construction begins at Shawboro Substation
- **December 2024:** Construction ends at Structure 2021/28
- **December 2024 – June 2025:** Right of way restoration (grass seed and low-growth vegetation rehabilitation)

### PHASE 2: Pasquotank River – Elizabeth City (~3 miles)

- **November 2024:** Construction begins at Structure 2021/28
- **April 2025:** Construction ends at Elizabeth City Substation
- **April – October 2025:** Right of way restoration (grass seed and low-growth vegetation rehabilitation)





# Construction Access

- Where possible, we will access the right of way using existing roads.
- Construction entrances and/or additional access roads may be temporarily installed.
- Timber supports beneath the mats help minimize disturbance to the ground or surface below.
- Matted support systems provide access through wetlands, swamps, and other sensitive areas.



# Construction Activities



- Installing access roads
- Preparing the site
- Handling and staging materials
- Installing foundations
- Erecting structures
- Stringing wires (conductor + fiber)
- Removing the original structures along the rebuilt line segment
- Restoring the right of way



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## Q&A

**Please stand by as we compile your submitted questions.**

**Thank you for your patience!**

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**Thank you for your time!**

**Connect with us if you have questions or feedback:**

**888-291-0190**

**powerline@dominionenergy.com**