

# FIELDALE-RIDGEWAY

## TRANSMISSION LINE REBUILD PROJECT

### PROJECT CONSTRUCTION TIMELINE AND INFORMATION



Appalachian Power representatives plan to increase electric reliability in Henry County by updating the local electric transmission system. The Fieldale - Ridgeway Transmission Line Rebuild Project involves upgrading approximately 15 miles of transmission line. Company representatives filed an application with the Virginia State Corporation Commission in fall 2021 and received approval on July 22, 2022. Construction is expected to begin in spring 2024 and conclude in late 2025.



### PROJECT COMPONENTS & BENEFITS

This project involves rebuilding approximately 15 miles of 138-kilovolt transmission line in or near existing right-of-way.

### TRAFFIC CONTROL

Appalachian Power representatives work to ensure public safety and minimize inconveniences during construction. Crews plan to:

- Close road lanes as needed
- Use flaggers and signs to aid traffic flow on streets during the day
- Open road lanes at night if safety allows

### SAFETY TIPS

- Keep your distance from construction workers and equipment
- Stay outside of temporary safety barriers
- Be aware of uneven or slippery surfaces
- Slow down when driving in the area and make sure your headlights are on
- Watch for posted signs, road closures and traffic detours
- Follow flaggers' instructions

### RIGHT-OF-WAY

- Forestry crews prepare for transmission line construction by clearing trees and woody-stemmed vegetation from the right-of-way.
- Clearing allows for the safe construction, operation and maintenance of the line and ensures reliable electric service for area customers.
- The North American Electric Reliability Corporation (NERC) set standards that requires utilities to establish minimum clearance distances between transmission lines and the nearest vegetation. Non-compliance can lead to significant penalties for utilities as well as significant community-wide power outages.
- When possible and practical, crews use selective clearing practices to retain low-growth shrubs and bushes.

### WHAT TO EXPECT DURING CONSTRUCTION

#### **CONSTRUCTION CORRIDOR DEVELOPMENT: May 2024-October 2024**

Crews mark utilities and pole locations along the power line route. Crews also:

- Remove fences, trees, and other obstructions from the right-of-way area
- Install fences around the construction area for the public's safety
- Remove parts of sidewalks around various pole locations
- Remove soil to make room for the larger bases of the new poles

#### **POLE INSTALLATION: Summer 2024-Late 2025**

At most pole locations, crews:

- Assemble the new pole and place it near the installation area
- Remove existing wires and other equipment from the existing poles.
- Remove the existing poles
- Install and stabilize the base of the new pole
- Install and secure the new pole

#### **NEW WIRE INSTALLATION: Summer 2024-Late 2025**

Crews install new wires on the new steel poles along the power line route.

#### **FACILITIES PLACED IN-SERVICE: End of 2025**

Crews energize the equipment after finishing pole and wire installations.

#### **POST CONSTRUCTION & SITE RESTORATION: Early 2026-Summer 2026**

Appalachian Power crews follow construction crews throughout the project to restore sidewalks and other neighborhood properties to as close to their pre-construction condition as possible. Activities include restoring sidewalks, reseeding properties, etc. Right-of-way agents also work with landowners to address any other property damages.

**APPALACHIAN POWER VALUES YOUR INPUT ABOUT THIS PROJECT. PLEASE SEND COMMENTS AND QUESTIONS TO:**

#### **NICOLE HODGES**

Project Outreach Specialist

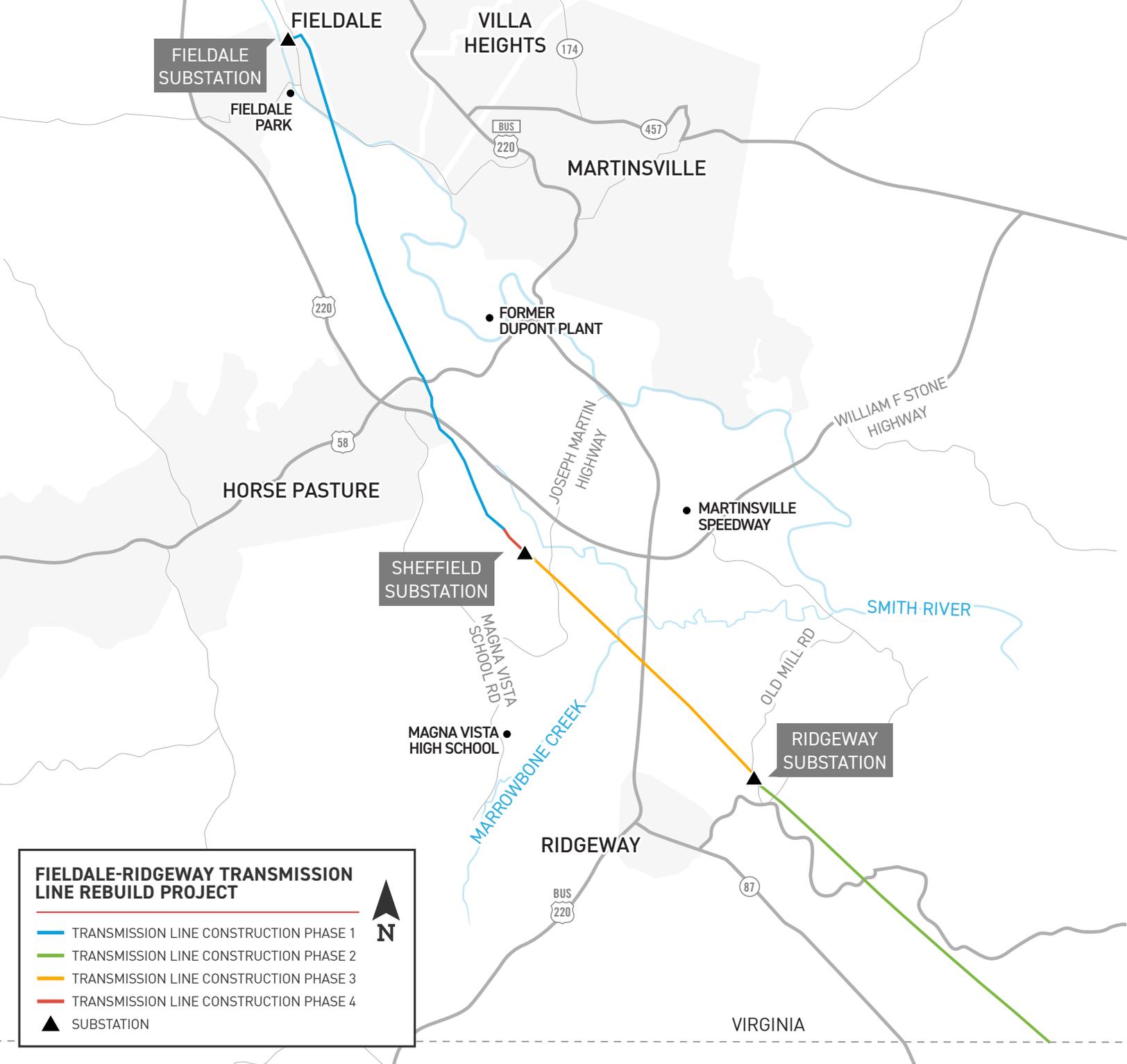
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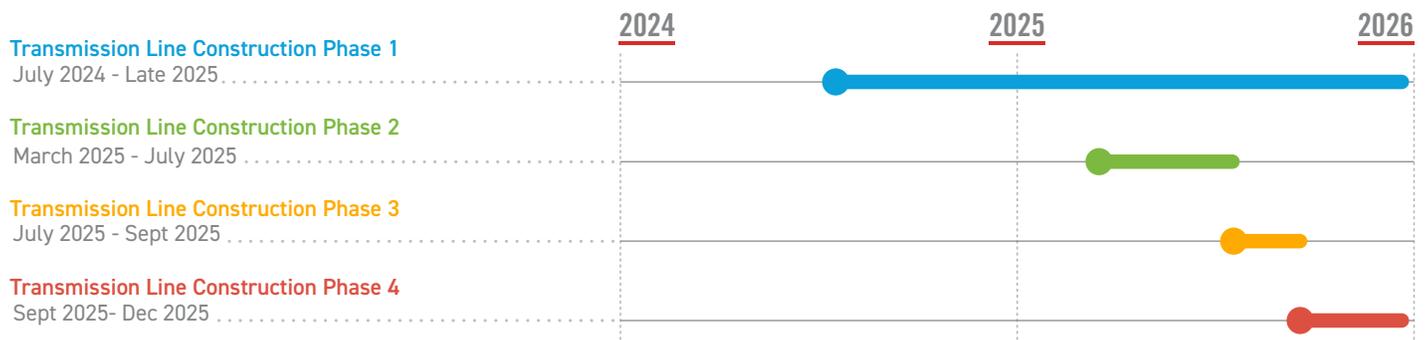


12/15/2022



## TRANSMISSION LINE CONSTRUCTION SCHEDULE

Crews plan to begin corridor development (see page 1) in May 2024 near the Virginia/North Carolina border and work north toward Fieldale Substation.



\*Timeline subject to change.