

# North Portsmouth - Oertels Corners Transmission Line Rebuild Project

AEP Ohio representatives plan to rebuild approximately 5 miles of transmission line in central Scioto County. The North Portsmouth – Oertels Corners Transmission Line Rebuild Project strengthens the electric transmission network and provides more reliable electric service in the community. Crews plan to begin construction in fall 2025 and conclude by summer 2026.

## WHAT

The project involves rebuilding approximately 5 miles of 69-kilovolt transmission line between North Portsmouth Substation, located off Carver Ridge Road, and Oertels Corners Substation, located off Lucasville-Minford Road.

## WHY

The project:

- Improves the line's performance by reducing the need for frequent maintenance. In the last eight years, the line has experienced multiple service interruptions to area customers.
- Modernizes aging 1940s wooden poles with steel poles.
- Reduces the likelihood of power outages and improves service restoration time when outages occur.

## WHERE

The project area includes:

- Jefferson and Clay townships in Scioto County.
- The cities of Twin Valley and Clarktown.

Crews plan to rebuild the transmission line within or near the existing right-of-way corridor and may need to update or supplement current easements to ensure the safe construction, operation, and maintenance of the line.

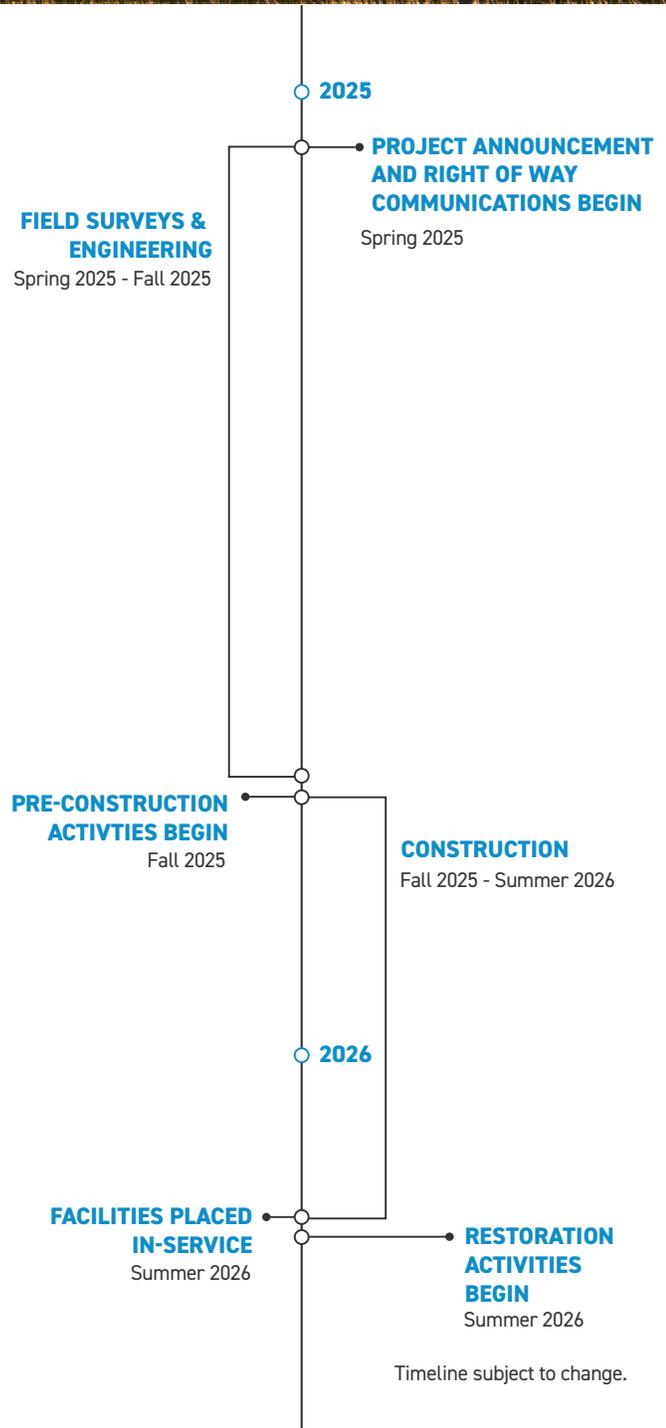
Easements are defined land rights that provide the utility with access needed to safely build, operate, and maintain its transmission lines.

## BEFORE CONSTRUCTION

AEP Ohio right-of-way representatives plan to contact affected landowners regarding surveys, field work inside easements along the transmission line route and construction access.

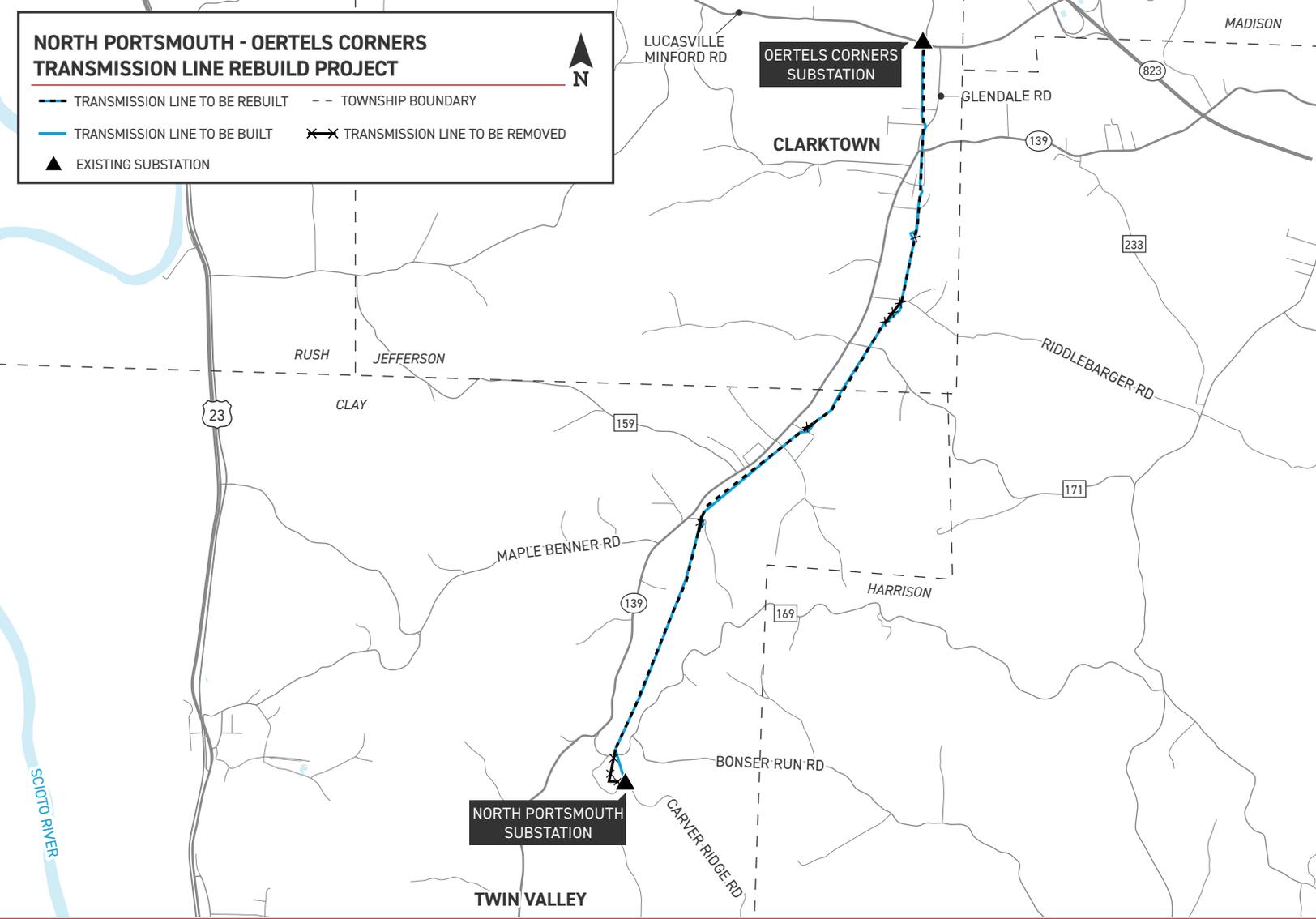
Some pre-construction activities include:

- Trimming or removing woody-stemmed vegetation and removing or relocating non-habitable structures from the right-of-way.
- Installing temporary gates, fencing and access roads.



# NORTH PORTSMOUTH - OERTELS CORNERS TRANSMISSION LINE REBUILD PROJECT

- TRANSMISSION LINE TO BE REBUILT    - - - TOWNSHIP BOUNDARY
- TRANSMISSION LINE TO BE BUILT    ✕ ✕ TRANSMISSION LINE TO BE REMOVED
- ▲ EXISTING SUBSTATION

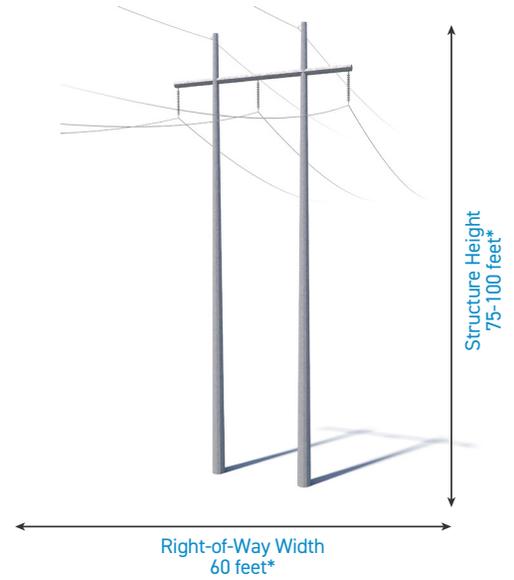
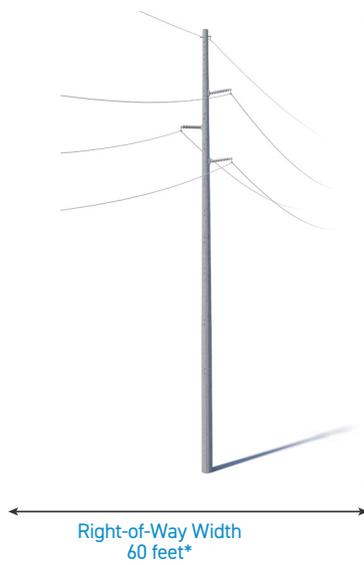


## TYPICAL STRUCTURES

This project involves the use of steel monopoles and H-frame structures.

Typical Pole Height: Approximately 75-100 feet\*

Typical Right-of-Way Width: Approximately 60 feet\*



\*Exact structure, height, and right-of-way requirements may vary.

**WE VALUE YOUR INPUT. PLEASE SEND COMMENTS AND QUESTIONS TO:**  
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