

# LANCASTER AREA TRANSMISSION LINE REBUILD PROJECT

AEP Ohio representatives plan power grid upgrades to enhance electric reliability for customers in Fairfield County. The Lancaster Area Transmission Line Rebuild Project involves rebuilding approximately 4 miles of transmission line, ensuring the continued safe operation of the transmission line. Crews expect to begin construction to begin fall 2025 and conclude by late 2026.

## WHAT

The project involves:

- Rebuilding approximately 1 mile of 69-kilovolt (kV) transmission line between Lancaster Substation off Whiley Avenue and East Lancaster Substation off South Ewing Street.
- Rebuilding approximately 3 miles of 69-kV transmission line east of Lancaster Substation to Logan-Lancaster Road, north of Wilson’s Lane Southeast.

## WHY

The project:

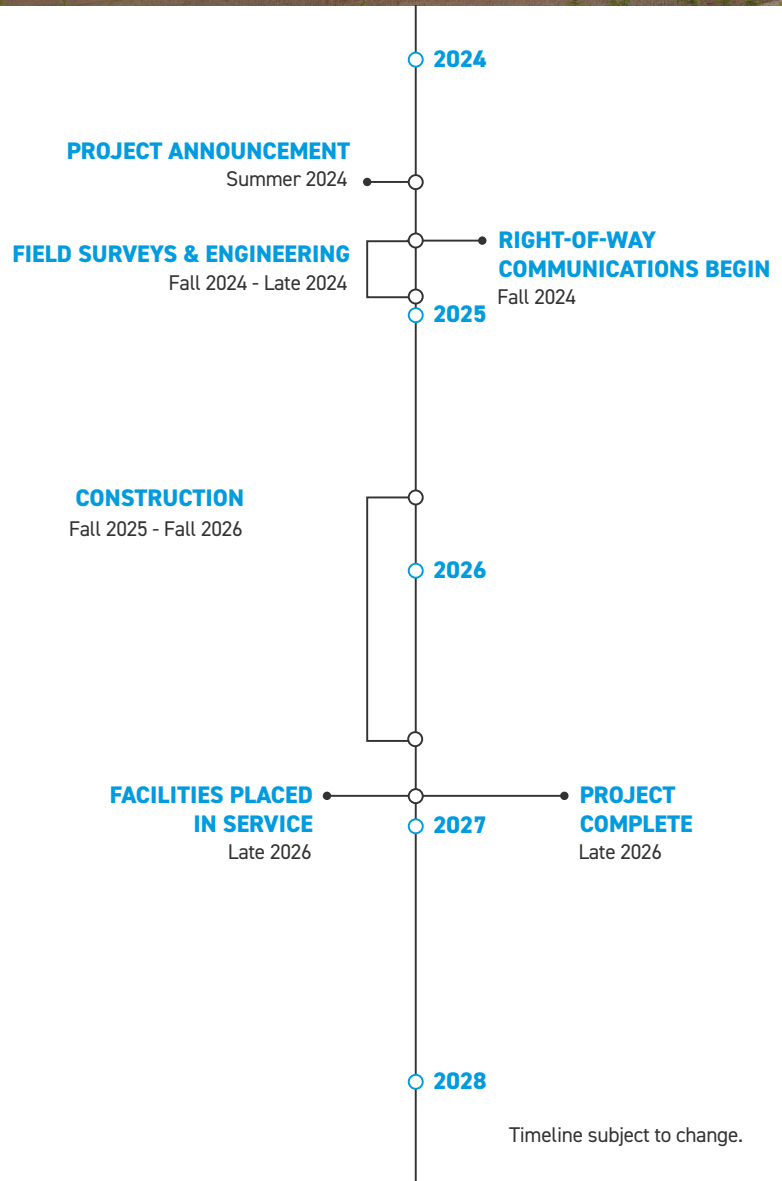
- Replaces deteriorating wooden structures from the 1950s with modern steel poles to strengthen the line against weather impacts and improves operational performance.
- Installs shield wire along the power line to protect it from lightning strikes which can cause outages.
- Reduces restoration time if an outage occurs.

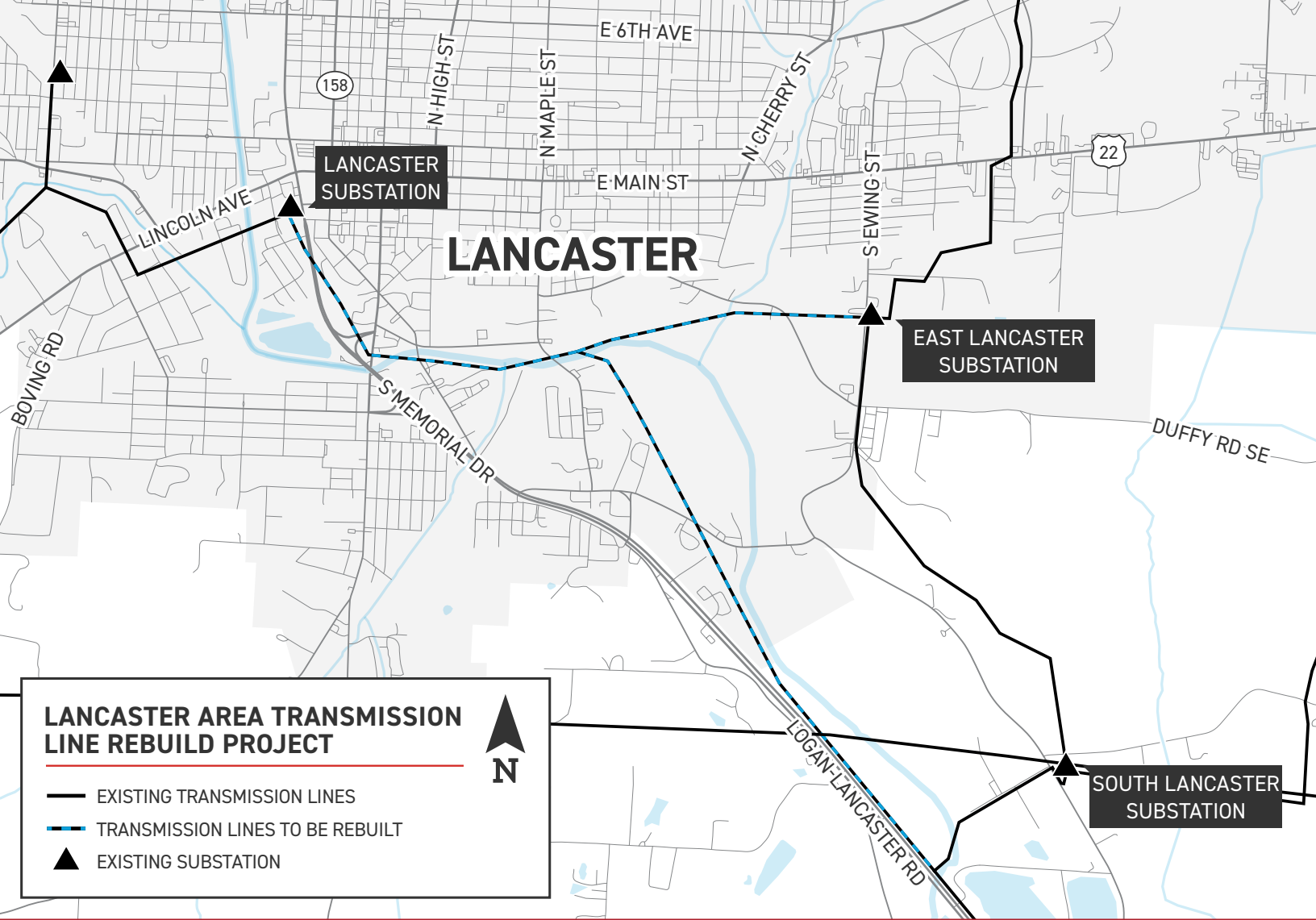
## WHERE

The project area includes:

- Hocking and Berne townships in Fairfield County.
- The city of Lancaster.

Crews plan to rebuild the power line within or near the existing right-of-way corridor and may need to update or supplement current easements. Easements are defined land rights that provide the utility with access needed to safely build, operate and maintain its power lines.





## LANCASTER AREA TRANSMISSION LINE REBUILD PROJECT



- EXISTING TRANSMISSION LINES
- TRANSMISSION LINES TO BE REBUILT
- EXISTING SUBSTATION

## TYPICAL STRUCTURES

Typical Pole Height: [Approximately 90 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:**  
 STEPHANIE EISENBERG · WSP REPRESENTING AEP OHIO  
[OUTREACH@AEPOHIOTRANSMISSION.COM](mailto:OUTREACH@AEPOHIOTRANSMISSION.COM) · 614-259-8201  
[AEPOHIO.COM/LANCASTERAREA](http://AEPOHIO.COM/LANCASTERAREA)

