

ZOARVILLE-ATWOOD TRANSMISSION LINE IMPROVEMENTS

AEP Ohio representatives plan power grid upgrades in Tuscarawas County. The project upgrades wooden poles with modern steel poles and adds a second source of electricity for area customers. Crews expect construction to begin fall 2023 and conclude in summer 2026.

WHAT

The project involves:

- Updating 8 miles of 69-kilovolt (kV) transmission line between Atwood Switch and Merrick Switch
- Building 7 miles of 69-kV transmission line Zoarville Substation and Merrick Switch
- Retiring 6 miles of 69-kV transmission line between East Dover Substation and Merrick Switch
- Upgrading East Dover, Carrollton and Zoarville substations

WHY

Improvements to the 1950s power line replaces deteriorating wooden poles with modern steel poles. This reduces the need for frequent power line maintenance and speeds recovery of service when outages occur.

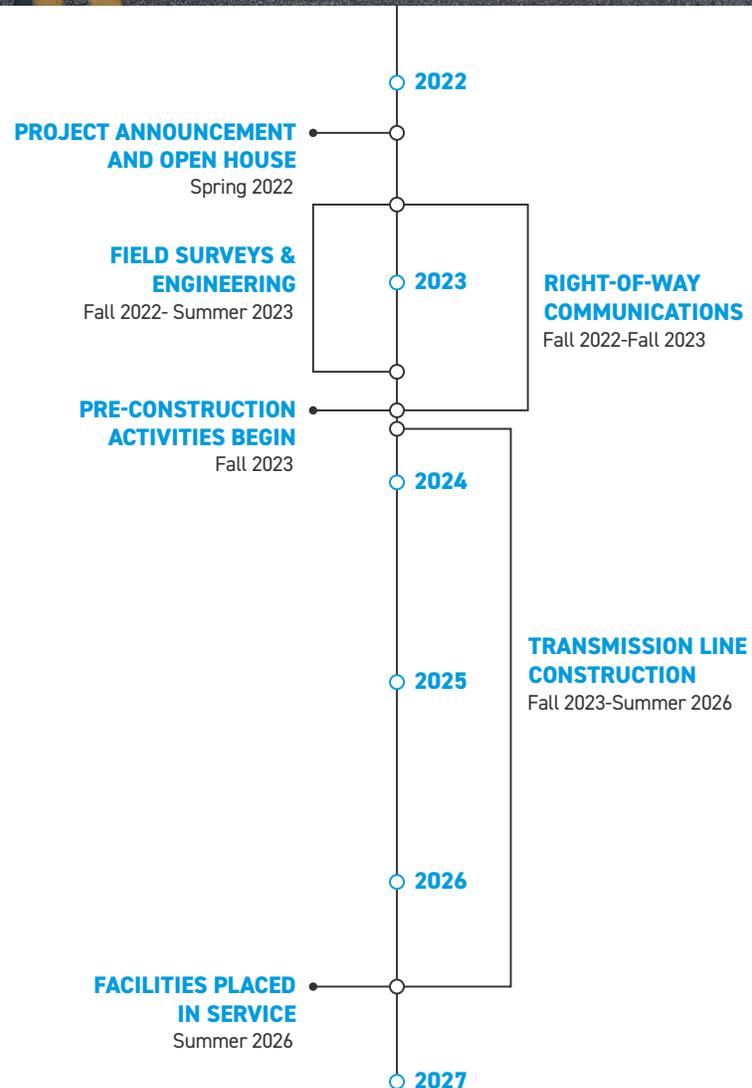
Building a new power line creates a second source of electricity and creates a looped service adding redundancy. In the event the line experiences an outage, or needs maintenance, the other line can continue to serve customers.

WHERE

- Monroe Township in Carroll County
- Dover, Warren, Goshen, Fairfield and Sandy townships in Tuscarawas County

Company representatives plan to evaluate possible study segments* to help determine the location of the new power line. Input from the community helps determine the location of the final line route.

*Study segments options are multiple alternatives presented to determine a line route. Company representatives do not build all route options, but rather they select one route to build based on public feedback and feasibility.



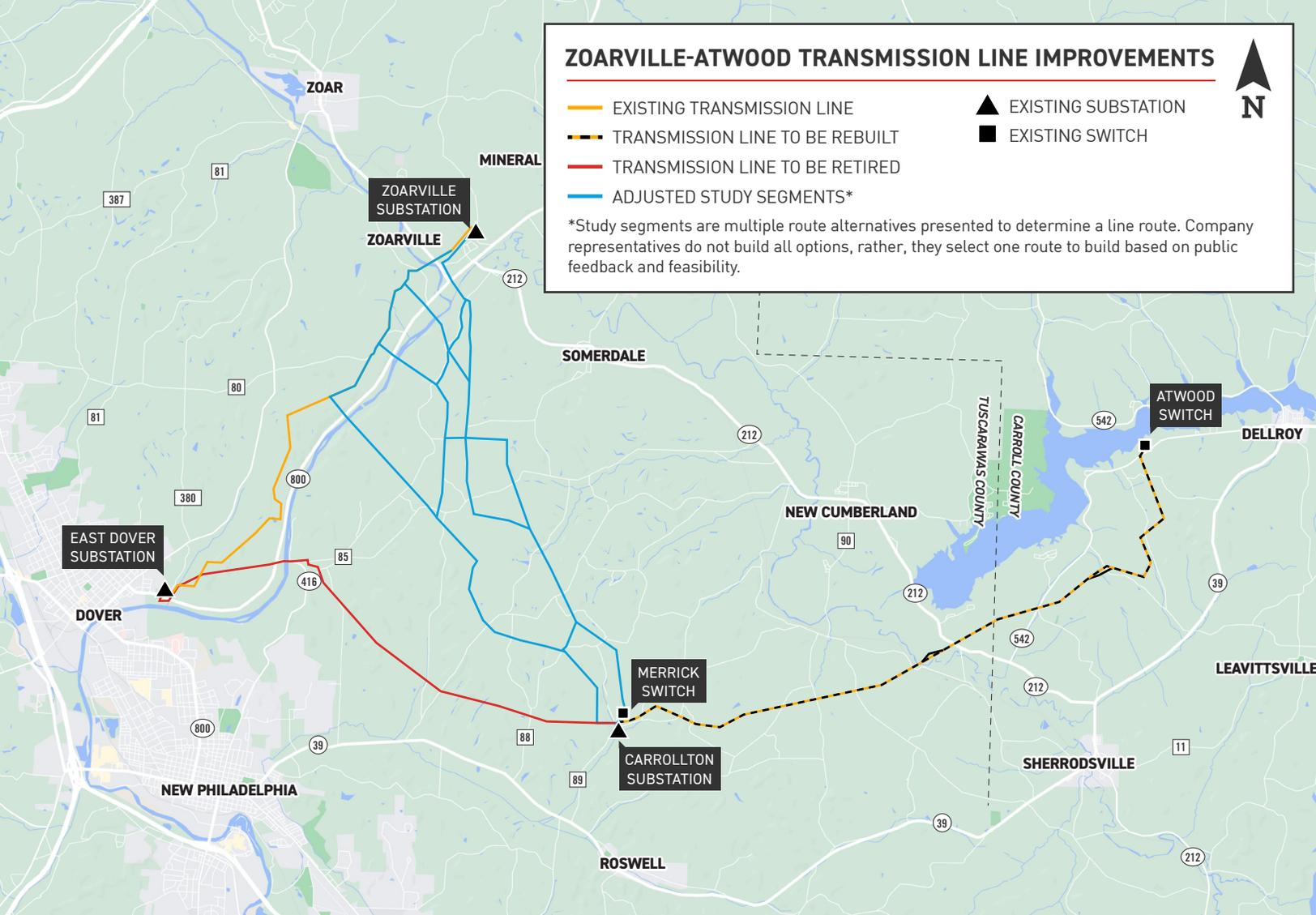
ZOARVILLE-ATWOOD TRANSMISSION LINE IMPROVEMENTS

- EXISTING TRANSMISSION LINE
- TRANSMISSION LINE TO BE REBUILT
- TRANSMISSION LINE TO BE RETIRED
- ADJUSTED STUDY SEGMENTS*

- ▲ EXISTING SUBSTATION
- EXISTING SWITCH



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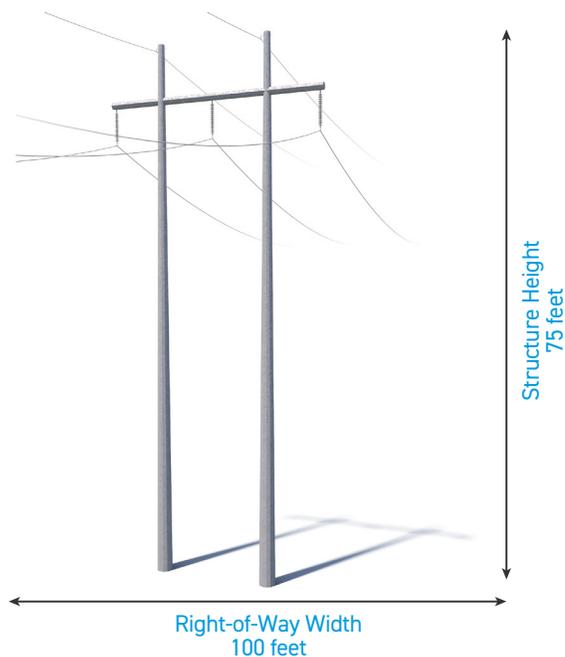


TYPICAL STRUCTURES

The project involves the use of steel H-frames.

Pole Height: 75 feet

Right-of-Way Width: 100 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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BOUNDLESS ENERGY

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