

Zoarville-Atwood Transmission Line Improvements Project

AEP Ohio representatives plan to upgrade the electric transmission network in Carroll and Tuscarawas counties. The project upgrades aging wooden poles with modern steel poles and adds a second source of electricity for area customers. Crews plan to begin construction in fall 2028 and conclude late 2029.

What

The project includes:

Phase 1:

- Rebuilding approximately 8 miles of 69-kilovolt (kV) transmission line between Merrick Switch, located at the intersection of Sub Station Road Northeast and Henderson School Road Northeast in New Philadelphia and Atwood Switch, located along Lodge Road Southwest in Sherrodsville.

Phase 2:

- Building approximately 7 miles of 69-kV transmission line between Zoarville Substation, located along Tusk Valley Road Northeast in Zoarville and Merrick Switch.
- Retiring approximately 6 miles of 69-kV transmission line between East Dover Substation, located along Northeast State Route 800 in Dover and Merrick Switch.
- Upgrading East Dover, Carrollton and Zoarville substations.

Phase 1 includes right-of-way discussions for the rebuild portion of the project.

Phase 2 includes additional outreach to landowners along the proposed transmission line route.

Why

The planned improvements:

- Replace aging wooden poles from the 1950s with modern steel poles to improve reliability and reduce maintenance.
- Add a second source to strengthen the transmission system, improving restoration times for customers when outages occur.
- Reduce the likelihood of outages and improve restoration times for customers.

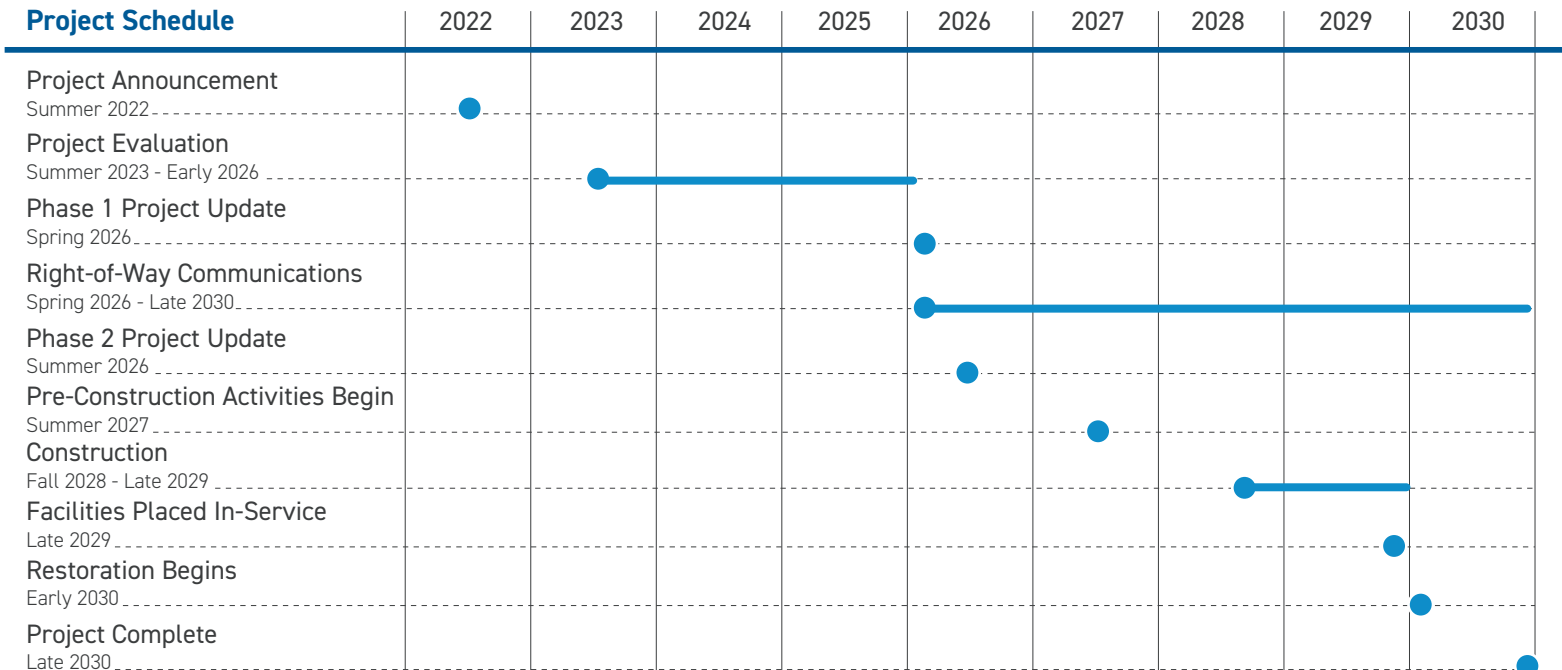
Where

The project area includes:

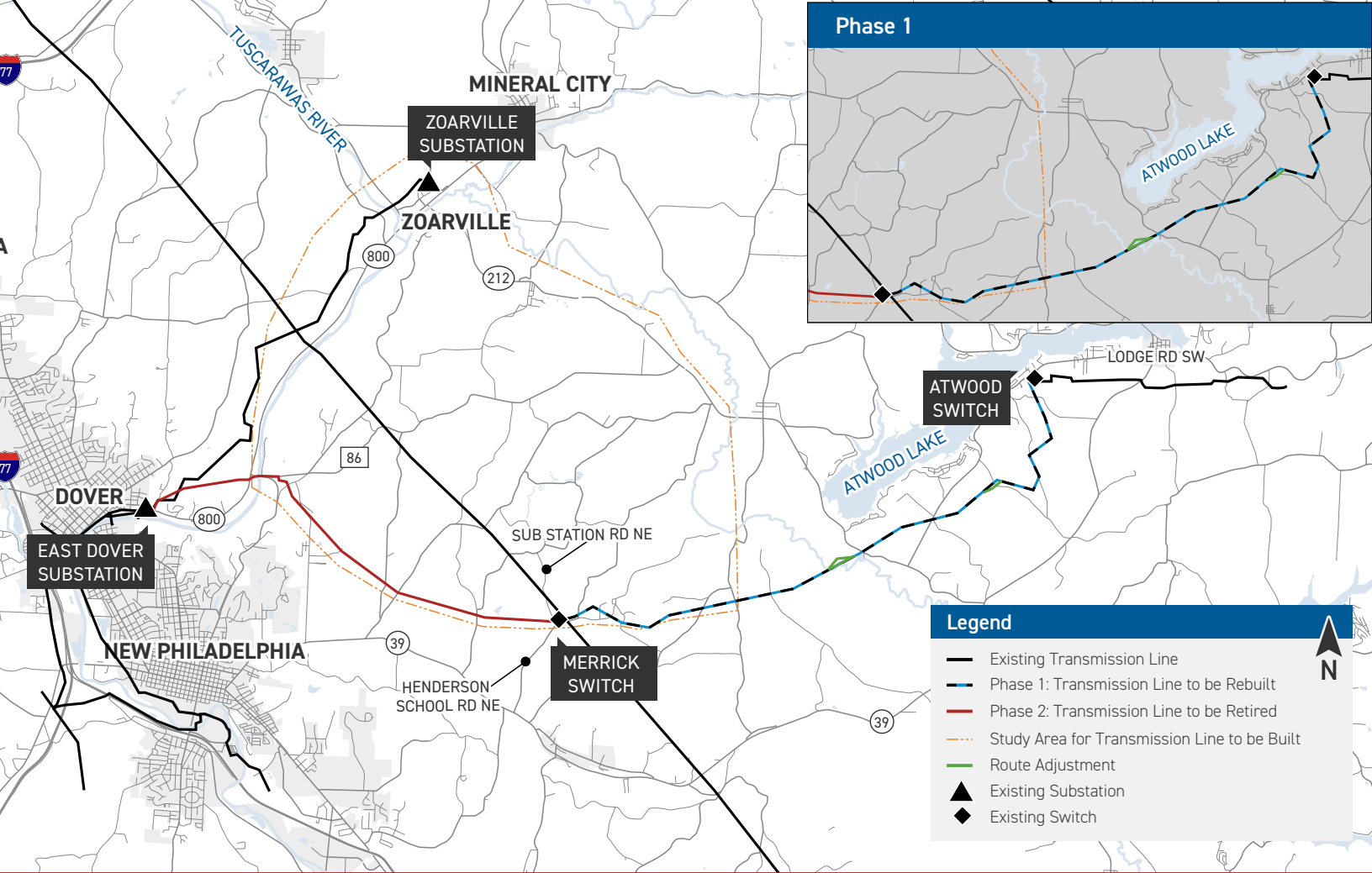
- Monroe Township in Carroll County
- Dover, Warren, Goshen, Fairfield and Sandy townships in Tuscarawas County
- The cities of Zoarville, Dover, New Philadelphia and Sherrodsville

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

Project Schedule



*Timeline subject to change.



Typical Structures

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

Typical Pole Height:
 Approximately 80-120 feet*
 Typical Right-of-Way Width:
 Approximately 80-100 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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