

North Columbus Transmission Line Rebuild Project

AEP Ohio representatives plan power grid upgrades in Franklin and Delaware counties. The project involves rebuilding about 4.5 miles of power line and upgrading three substations to increase operational performance and capacity of the the local electric grid.

What

The project involves:

- Rebuilding about 4 miles of 69-kilovolt (kV) power line between Sawmill Substation off Sawmill Road in Dublin and Lazelle Substation off Lazelle Road in Columbus.
- Rebuilding about .5 miles of 69-kV transmission line from Genoa Substation off Maxtown Road south toward County Line Road in Westerville.
- Upgrading Sawmill, Lazelle, and Genoa substations.

*As project continues to develop, company representatives are changing the construction method for a portion of the power line between Sawmill and Lazelle substations. Adjustments include rebuilding the transmission line underground from Sawmill Substation east to State Route 315 (Olentangy River Road).

Why

The project improvements include:

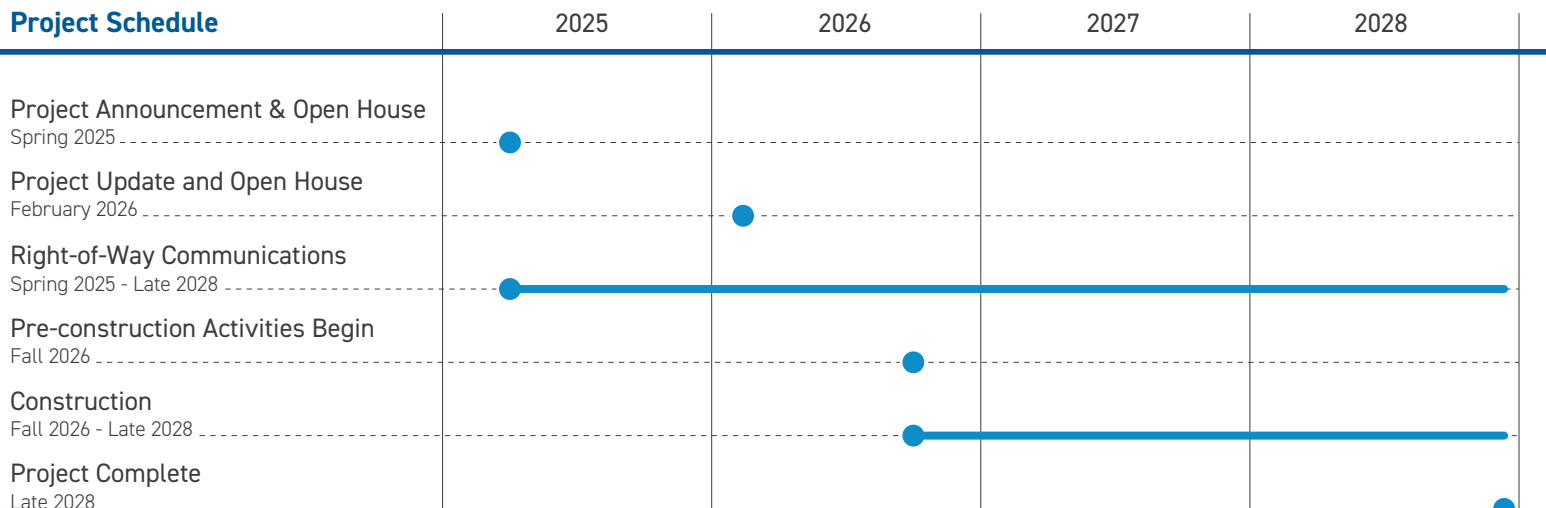
- Rebuilding transmission facilities built in the 1930s to better serve area customers, reduce the need for frequent powerline maitence and strength the local electric transmission system.

Where

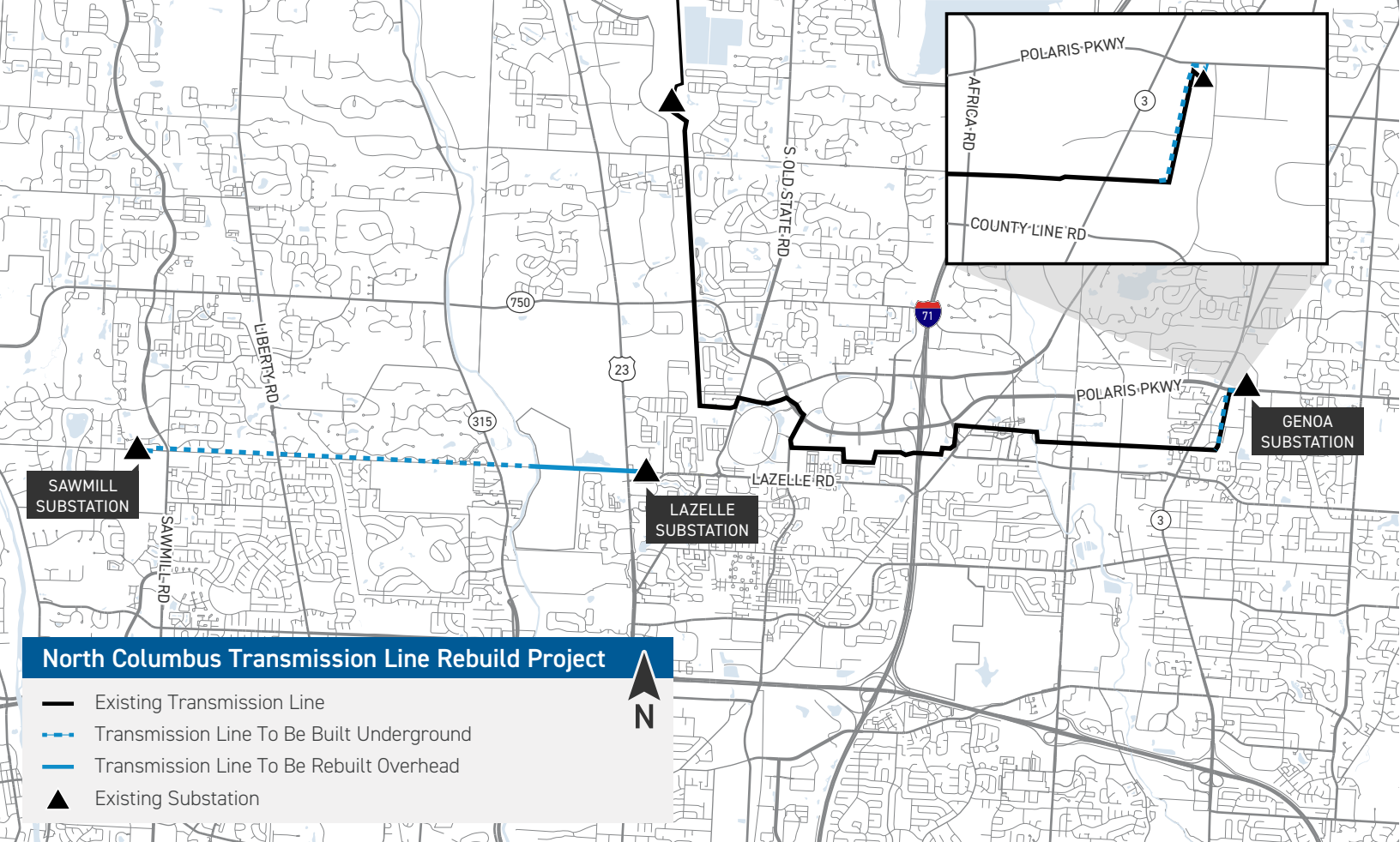
The project area includes:

- Orange and Liberty townships in Delaware County
- City of Columbus
- City of Dublin
- City of Westerville
- Perry Township in Franklin County

Project Schedule



*Timeline subject to change.

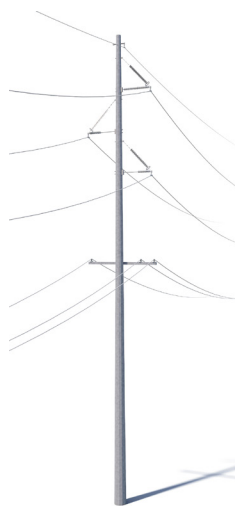


Construction Type

Company representatives plan to utilize overhead and underground construction depending on infrastructure to be buried, electrical clearances required, and area currently maintained. Right-of-way width will vary between 40 and 50 feet.

Overhead Construction

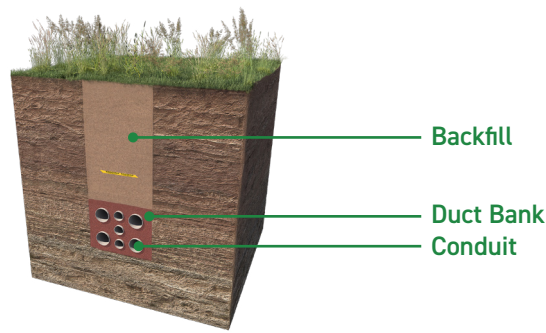
Company representatives plan to rebuild overhead transmission facilities using single steel monopoles.



Typical Pole Height:
Averaging Approximately 110 feet*

Underground Transmission Facilities

Underground construction methods are typically only explored when overhead options are not feasible. Company representatives plan to bury plastic conduits and electric wire.



**Exact structure, height, and underground construction design requirements may vary.*



We value your input. Please send comments and questions to:

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