

PHILO-NEWCOMERSTOWN AREA IMPROVEMENTS PROJECT

AEP Transmission representatives plan power grid upgrades to improve electric reliability for customers in Tuscarawas, Guernsey, Coshocton and Muskingum counties. The Philo-Newcomerstown Area Improvements Project involves rebuilding about 35 miles of 138-kilovolt (kV) power line and building about 5 miles of 138-kV power line.

WHAT

The project involves:

- Rebuilding about 13 miles of power line between Philo Substation and Norfield Switch in Muskingum County
- Rebuilding about 20 miles of power line between East New Concord and Newcomerstown substations in Guernsey and Tuscarawas counties
- Building about 5 miles of power line to connect East New Concord Substation to the Philo - Norfield Switch power line in Guernsey and Muskingum counties
- Rebuilding about 2 miles of power line adjacent to its existing location between an existing power line and Bridgeville Substation in Perry Township in Muskingum County
- Rebuilding 0.1 miles of power line adjacent to its existing location between an existing power line and Guernsey-Muskingum Electric Cooperative Substation off Salt Creek Drive in Salt Creek Township in Muskingum County
- Retiring about 31 miles of power line between Philo and Newcomerstown

*This project requires multiple regulatory filings with the Ohio Power Siting Board (OPSB)

WHY

The existing line has experienced over 50 outages in the last 10 years and needs replacement.

The improvements:

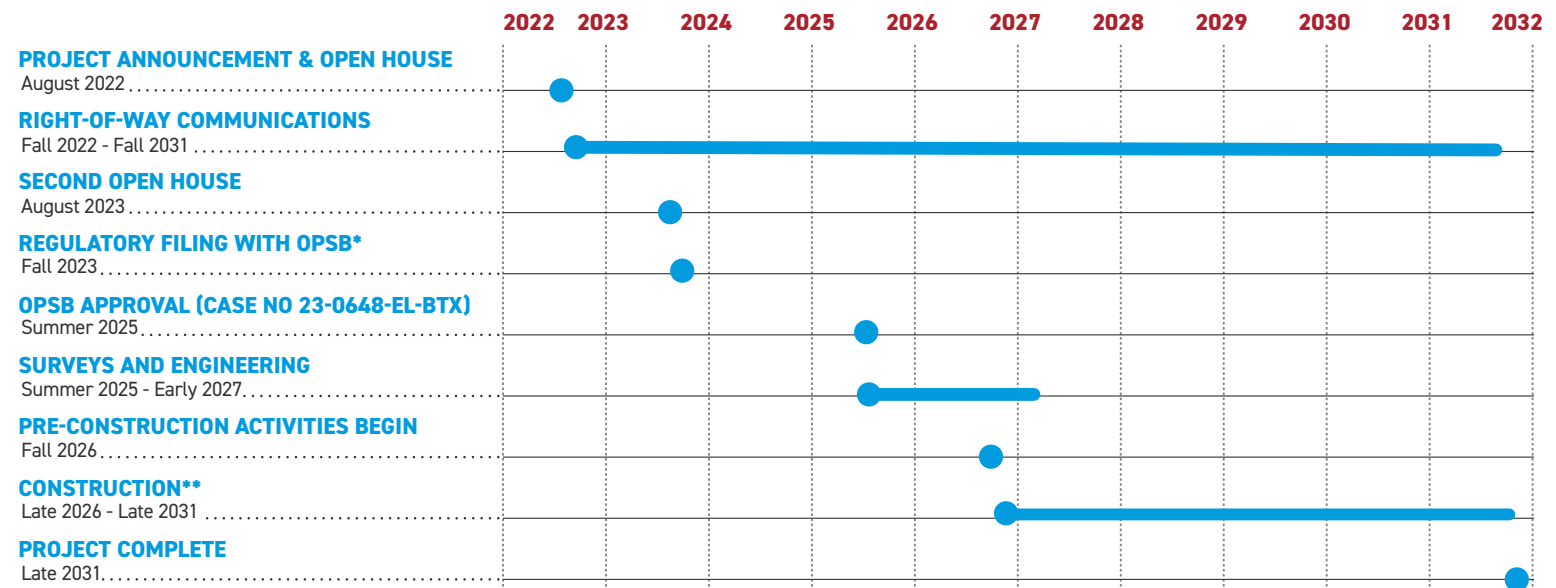
- Enhance electric service reliability for Guernsey-Muskingum Electric Cooperative and local customers.
- Upgrade infrastructure dating back to 1923.
- Reduce extended power outages.
- Speed recovery of service when outages occur.

WHERE

The project area includes:

- Oxford Township in Tuscarawas County
- Wheeling, Liberty, Knox, Adams and Westland townships in Guernsey County
- Linton Township in Coshocton County
- Monroe, Highland, Union, Perry, Salt Creek, Rich Hill, Wayne and Harrison townships in Muskingum County
- Villages of Newcomerstown, New Concord and Philo

PROJECT SCHEDULE



Timeline subject to change

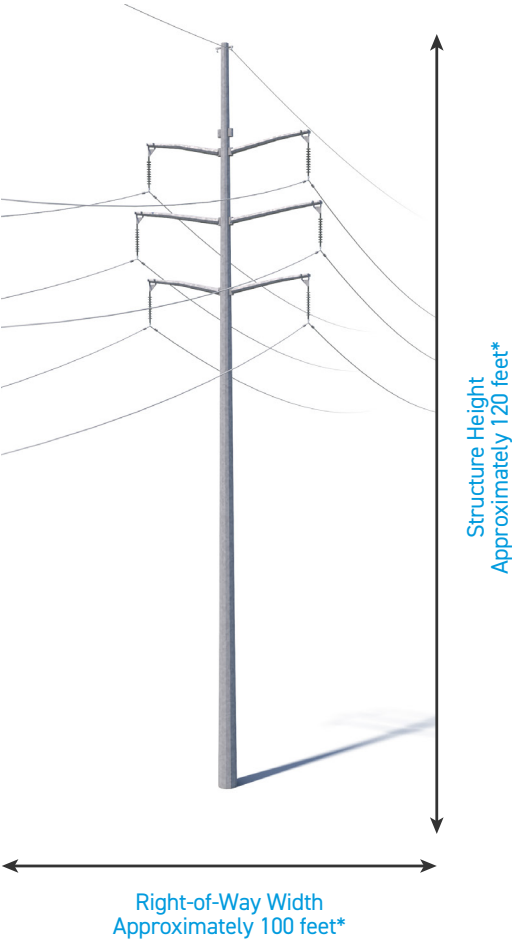
*Ohio Power Siting Board

**Company officials plan to construct the project in sequences. Not all sections of the project will be under construction at once.

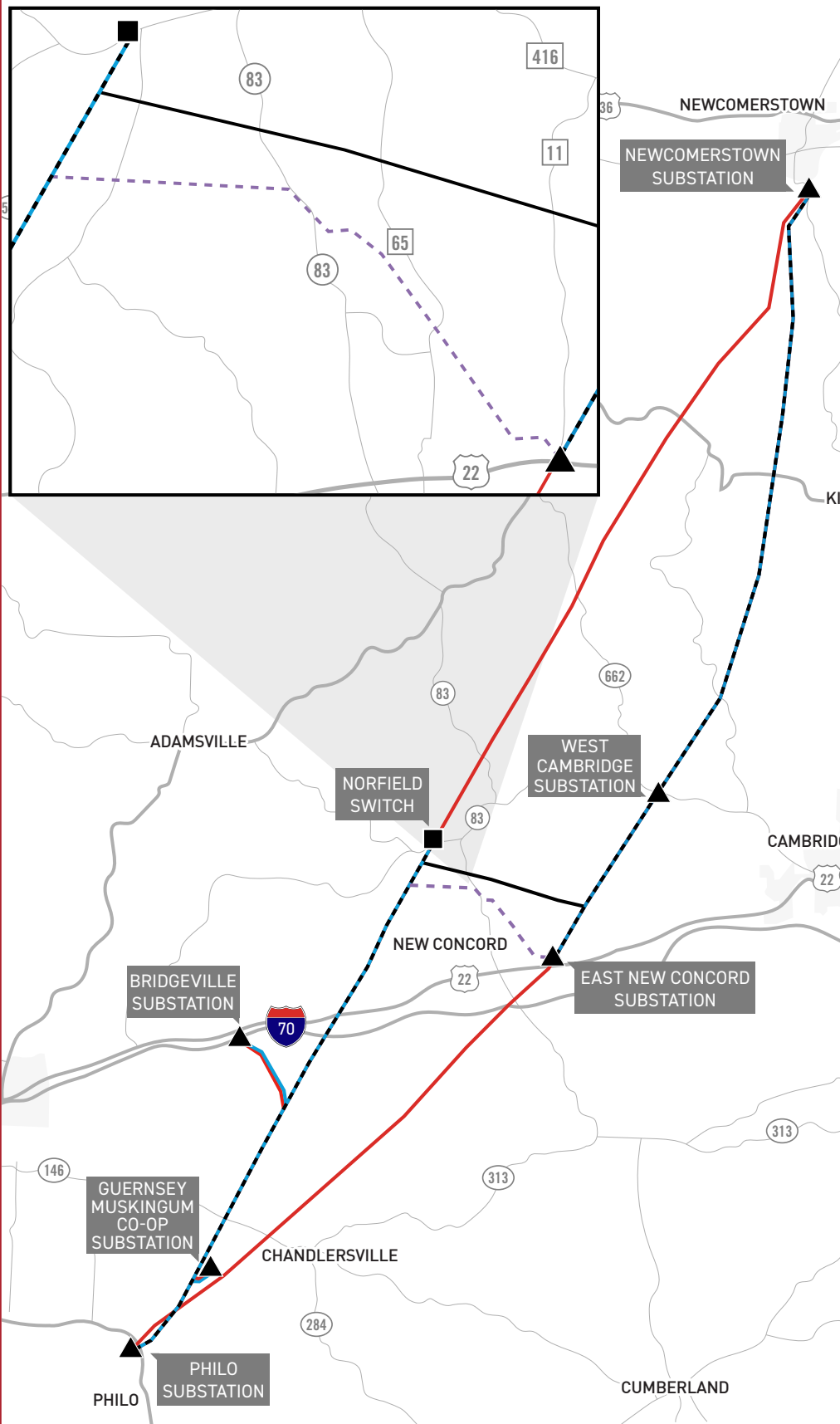
TYPICAL STRUCTURES

This project involves the use of steel single-poles.

Structure Height: Approximately 120 feet*
Right-of-Way Width: Approximately 100 feet*



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



PHILO-NEWCOMERTOWN AREA IMPROVEMENTS PROJECT

- EXISTING TRANSMISSION LINE
- PROPOSED SWITCH
- ▲ EXISTING SUBSTATION
- - - TRANSMISSION LINE TO BE REBUILT
- TRANSMISSION LINE TO BE RETIRED
- TRANSMISSION LINE TO BE BUILT
- - - OPSB APPROVED ROUTE

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