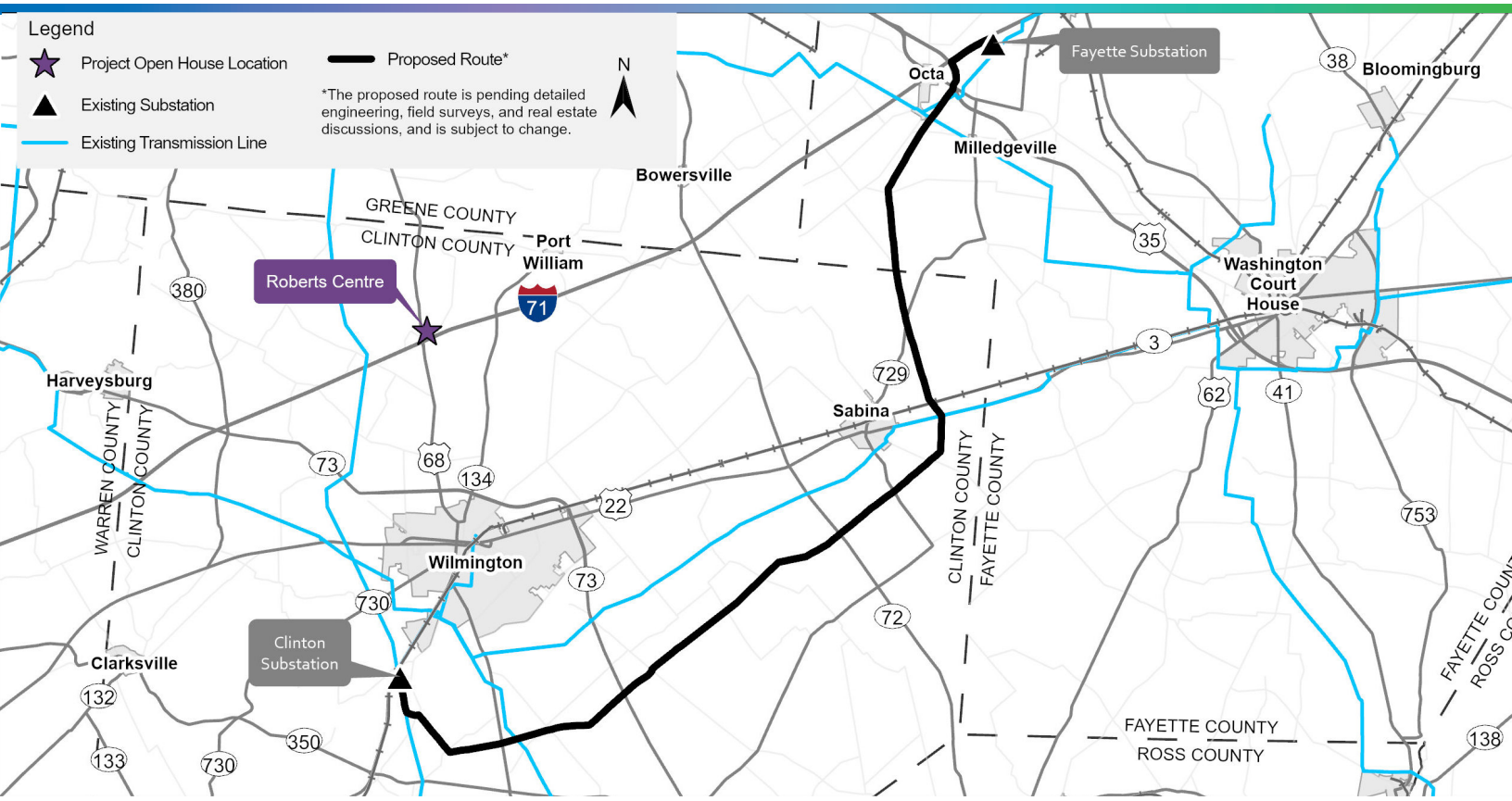
Fayette - Clinton 345kV Transmission Line Project

This project is part of the necessary upgrades to support the increased capacity requirements driven by load growth from large customer projects in the area. The project involves building approximately 30 miles of new single circuit 345kV transmission line.



Why

AES Ohio is investing in network enhancements driven by large customer projects in the area. The latest load requests necessitate significant additional transmission support by 2031. These network enhancements will both serve that new load and provide increased capacity, flexibility, and resiliency to the entire southeast region of the AES Ohio service territory.

AES Ohio is proposing the construction of a new single circuit 345kV line connecting the AES Ohio Fayette substation in Jeffersonville, Ohio, to the AES Ohio Clinton substation in Wilmington, Ohio. This new Fayette-Clinton 345kV transmission line will introduce an additional energy source into the region. Additionally, these facilities will facilitate operational flexibility for preventative maintenance on other transmission lines and transmission substation equipment in the region.

What

The project includes:

- → Building a new 345kV transmission line between Fayette and Clinton Substations
- → Expanding the existing Fayette Transmission Substation (associated project*)
- → Expanding the existing Clinton Transmission Substation (associated project*)

Where

- → Fayette, Greene, and Clinton Counties
- → Villages of Jeffersonville, Octa, Milledgeville, Bowersville, and Sabina
- → City of Wilmington
- → Jasper Township
- → Jefferson Township
- → Wilson Township
- → Richland Township
- → Wayne Township
- → Green Township
- → Washington Township

*Associated projects have separate Ohio Power Siting Board (OPSB) filings and project websites.

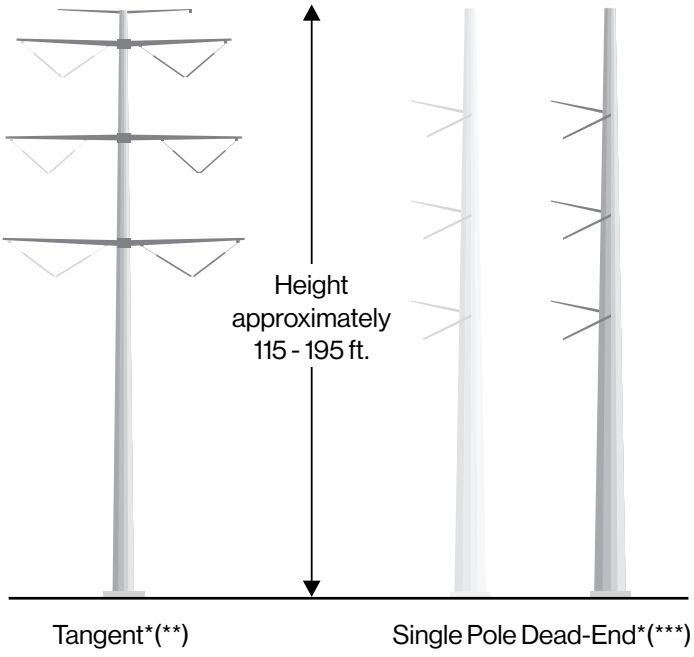
Fayette - Clinton 345kV Transmission Line Project

Schedule*	2024	2025	2026	2027	2028	2029	2030	2031
Transmission Facility Planning/Siting Summer 2024 - Spring 2025								
Project Announcement and Open House Winter 2025 - Fall 2025								
Field Surveys and Engineering Winter 2025 - Summer 2027								
Right-of-Way (ROW) Communications Spring 2025 - Summer 2026								
OPSB Application Winter 2026 - Spring 2026								
Facility Construction Winter 2028 - Winter 2030								
Facilities Placed in Service Winter 2030								
ROW Restoration Winter 2028 - Spring 2030								

*Schedule is preliminary and subject to change.

Typical Structures

The project involves the use of self-supporting steel poles on foundation with above-ground heights ranging from approximately 115 - 195 ft. with an approximate ROW easement width of 200 ft.



* Final structure height, structure type, and ROW easement width may vary.
** A second circuit may be added to tangent structures if required for future project updates.
*** A second pole may be added at turn angles if required for future project updates.

Where Can I Get More Information?

The Project will require a Letter of Notification with the Ohio Power Siting Board (OPSB). Visit the OSPB website at https://opsb.ohio.gov/ Case# 25-0871-EL-BLN

AES Ohio values your input.

Please visit the project website, call the project comment line, or email the project team to leave feedback:

Website: www.aes-ohio.com/Fayette-Clinton-345kV-Transmission-Line-Project

Phone: (937)-701-0674

Company Overview

- → Serving 539,000 customers across 24 counties
- → Approximately 18,000 miles of transmission, distribution and underground lines
- → 6,000 square mile service territory
- → Employing more than 900 people

AES Ohio invests in our equipment and technology to create a stronger, safer and more efficient electrical system. We know our customers depend on us to provide the electricity they need to power their lives.

Surveys and Real Estate Overview

Preconstruction Survey Activities

Field Surveys

All field survey data we collect allows our engineers to plan and design the line with the information necessary for construction. The survey conducted on your property assists the team to understand and address concerns or unique property features that may be present.

Wetland and Stream Surveys

The wetland and stream surveys consist of field visits to locations that have been previously mapped as a stream or show wet patterns in aerial photographs. The purpose is to determine if these features should be classified as a wetland or a stream based on US Army Corps of Engineers guidelines. The crew will collect location data, photographs, and field notes on vegetation, hydrology, and soil characteristics for each feature.

Archaeological Surveys

Archaeological surveys consist of walking the easement area to look for cultural artifacts on the ground. If artifacts are found, they are collected for further analysis. If a culturally-significant site is identified, additional testing may be required to determine if it is eligible for the National Register of Historic Places.

Soil Surveys

As a part of the project, engineering staff will design the foundation for each transmission line structure. Conducting soil analyses on areas designated for the transmission line structures will help to determine the final design and structure locations. The excavation of soil samples helps our engineering team make calculations of the necessary depth and diameter of each structure foundation.

Meet The Real Estate Team!

"Founded in 1925, Volkert is celebrating a century of commitment to developing the nation's infrastructure and serving our clients, partners, and communities". AES Ohio has retained Volkert to assist landowners during the real estate process on its **Fayette-Clinton 345kV** Transmission Project. We can help you with questions regarding surveying, easement documents, property access, compensation, construction, and restoration. Volkert land agents are happy to discuss these activities and answer any questions you may have. **Please reach out to us at the following email address:**
Fayette-Clinton345kVTransmissionLineROW@volkert.com

We look forward to working with you and appreciate your community's cooperation thus far. As always, if you have concerns or questions, please contact us. We also encourage you to visit our website for more information and to sign up for project email updates.