



WEST WATERTOWN

TRANSMISSION IMPROVEMENTS PROJECT

WELCOME TO OUR VIRTUAL OPEN HOUSE

We welcome your feedback via telephone and email as we strive to make the most informed decisions possible.



TO NAVIGATE THE SLIDES

USE THE ARROW KEYS ON YOUR KEYBOARD, SWIPE ON MOBILE, OR USE THE ARROWS IN THE LOWER-RIGHT CORNER

PROJECT NEED & BENEFITS

WHY IS THE PROJECT IMPORTANT TO OUR COMMUNITY?

THE IMPROVEMENTS:

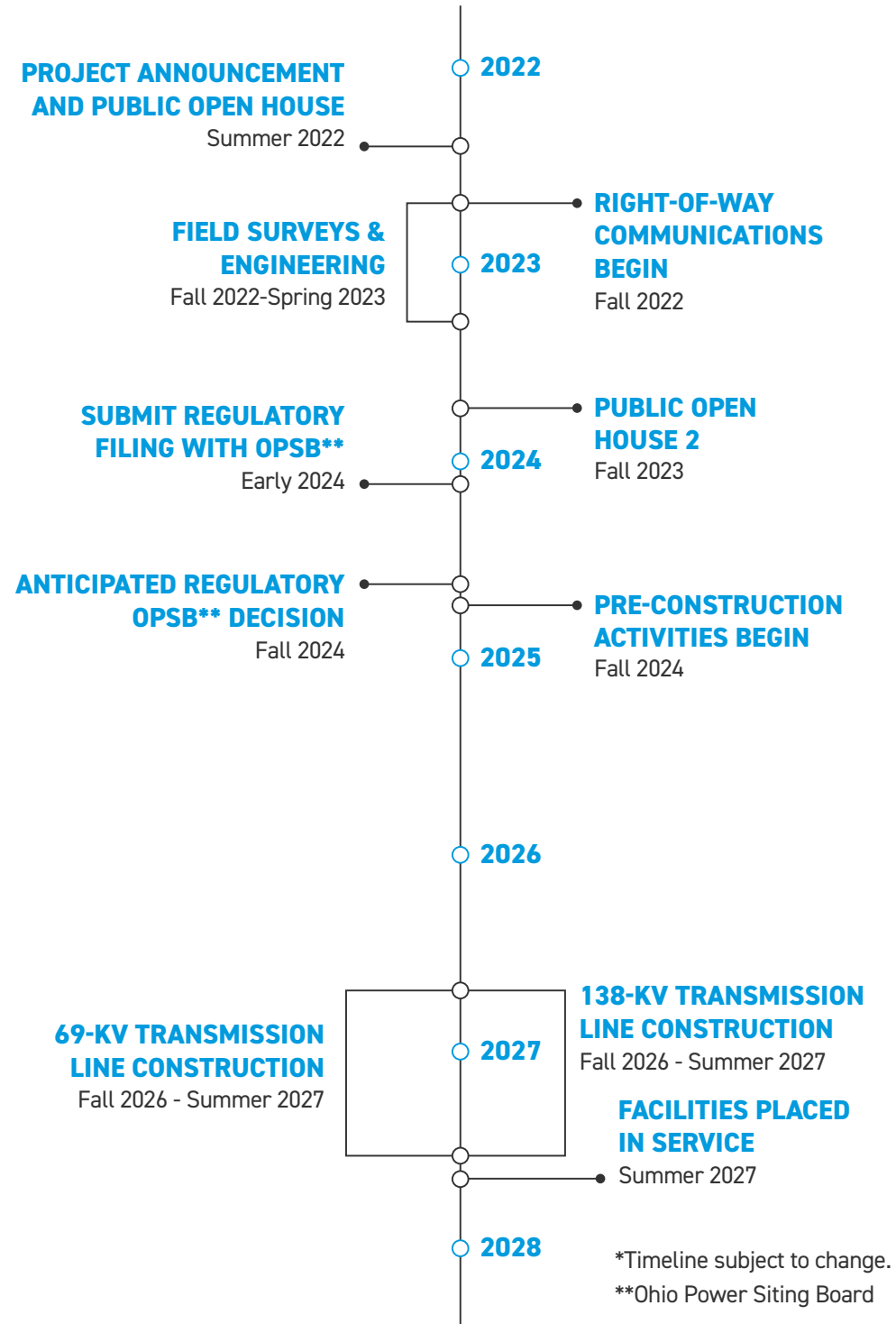
- Enhance electric service reliability for customers
- Modernize power lines to meet increasing power demands and reduce customer outages
- Allow more operational flexibility when outages occur. In case of an outage on one line, another can continue to serve customers
- Retire deteriorating transmission facilities that date back to 1965
- Benefit the local distribution companies and cooperatives, such as Washington Electric, who receive power from the transmission lines



An AEP Company

BOUNDLESS ENERGY™

PROJECT SCHEDULE

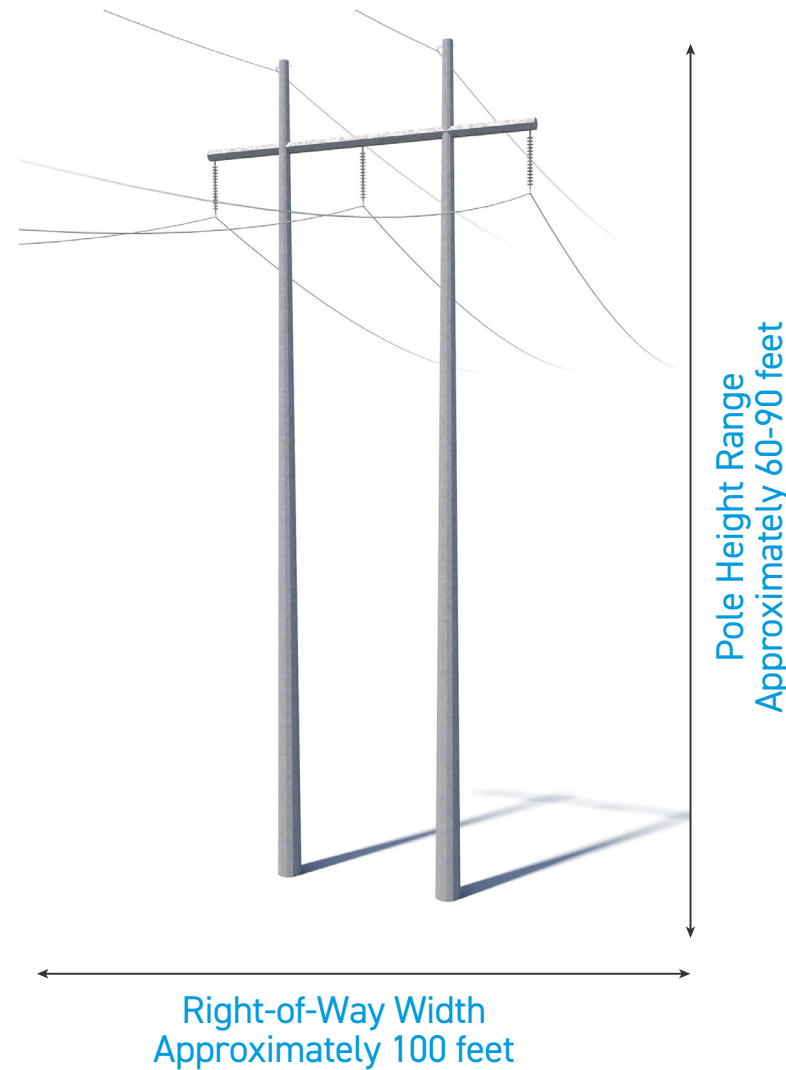
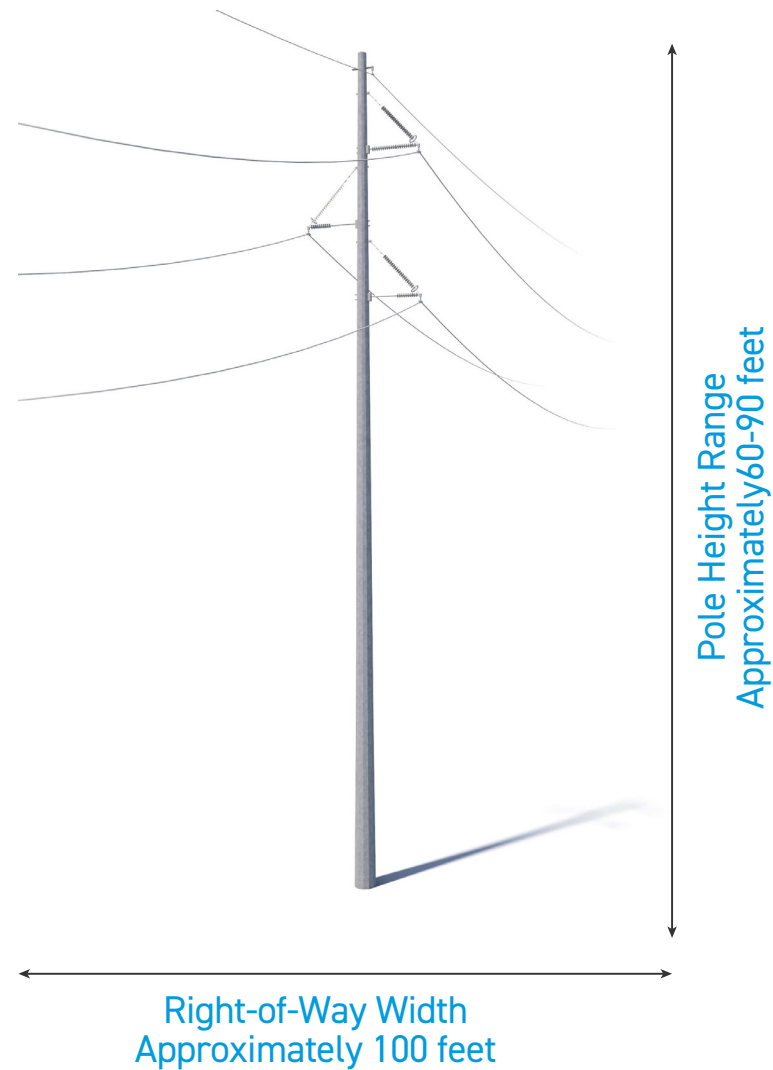




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PROPOSED STRUCTURES



The project involves the use of single steel poles and H-frame poles.

Pole Height Range: [Approximately 60-90 feet](#)
Right-of-Way Width: [Approximately 100 feet](#)

*Exact structure, height, and right-of-way requirements may vary depending on location, terrain and voltage.

RIGHT-OF-WAY

AEP OHIO HAS TWO KEY PHILOSOPHIES THAT PERTAIN TO POWER LINE RIGHTS-OF-WAY:



1 Routes should cause the least possible disturbance to people and the environment.



2 Property owners should be fairly compensated for any land rights that must be acquired.

RIGHT-OF-WAY

AEP Ohio studies the land and proposes routes that reduce impacts on property owners.

AEP Ohio reaches out to landowners in the following ways:

TO GAIN RIGHT-OF-ENTRY TO BEGIN:

- Environmental assessments
- Appraisal work
- Land surveying, soil boring and other field activities
- Cultural and historic resource reviews

TO SECURE RIGHT-OF-WAY AND COMMUNICATE:

- Landowner compensation
- Terms and conditions of easement
- Width of the right-of-way

TO OUTLINE AEP OHIO'S CONSTRUCTION PROCESS WITH A SPECIFIC FOCUS ON:

- Property restoration
- Damage mitigation as appropriate

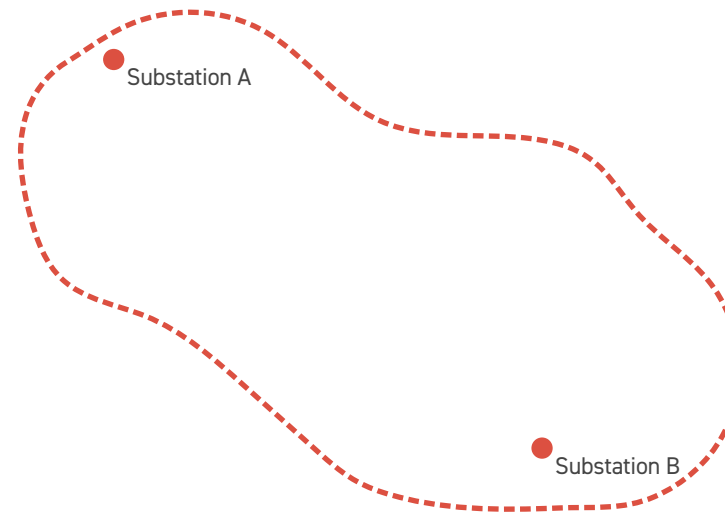


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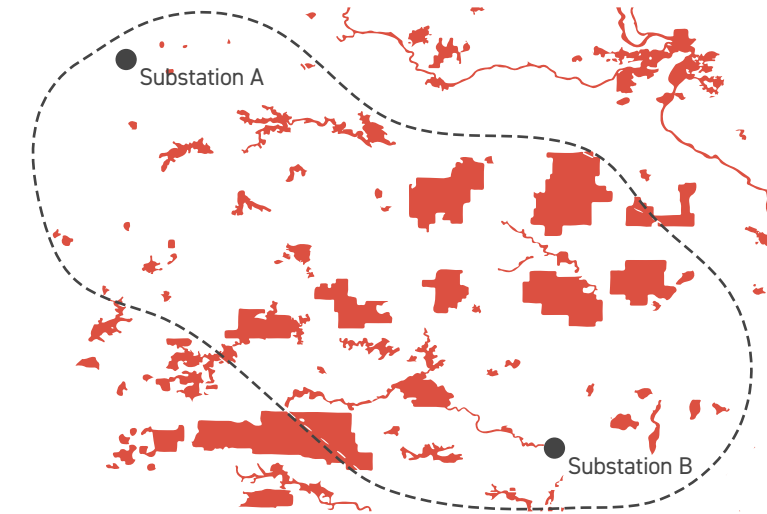
ROUTING PROCESS

AEP Ohio implements a comprehensive siting process that takes land use, the environment, public input and engineering guidelines into account to develop a transmission line route. The information below illustrates each stage of the routing process.



1) STUDY AREA

AEP Ohio develops a study area for the project that incorporates both end points of the power line and the area between.



2) DATA GATHERING

Data is gathered for the defined study area including environmental, land use, historic and cultural resources, existing infrastructure and sensitive areas.

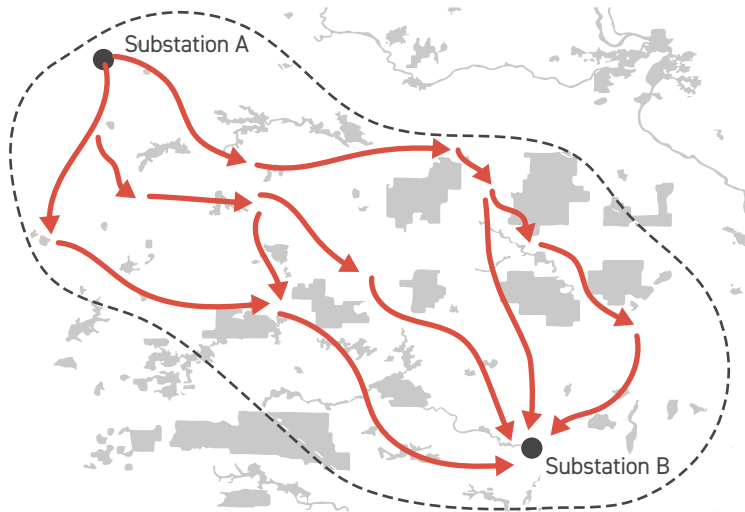




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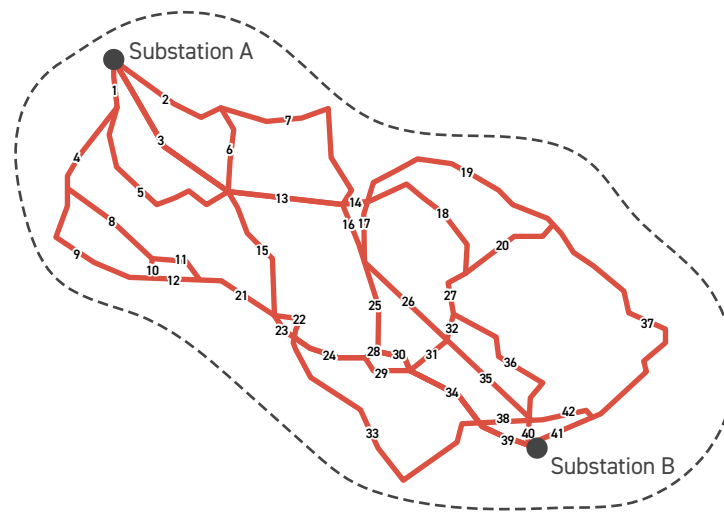
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ROUTING PROCESS



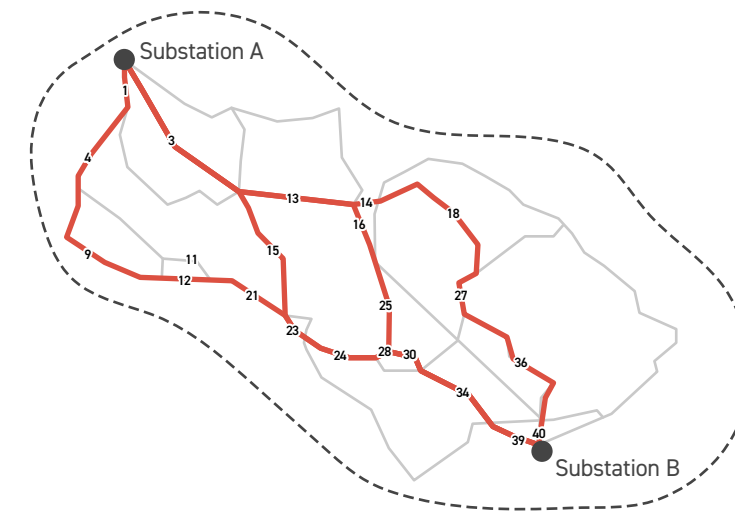
3) CONCEPTUAL ROUTES

The routing team uses this information to develop conceptual routes adhering to a series of general routing and technical guidelines.



4) STUDY SEGMENTS

Conceptual routes are broken up into study segments. Where two or more potential study segments intersect, a node is created, and between two nodes, a link is formed. Together, the network formed by these links is referred to as potential study segments.



5) REFINED STUDY SEGMENTS

As more information is gathered, the study segments are refined. Some study segments are eliminated or modified, leaving the refined study segments for further consideration.

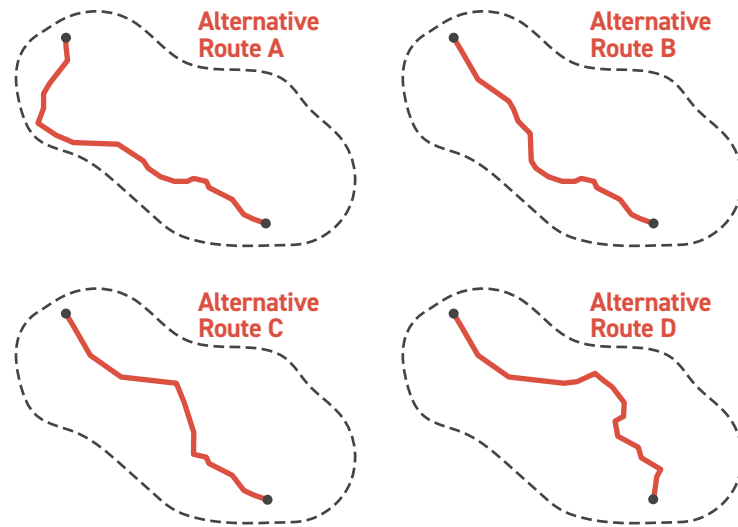




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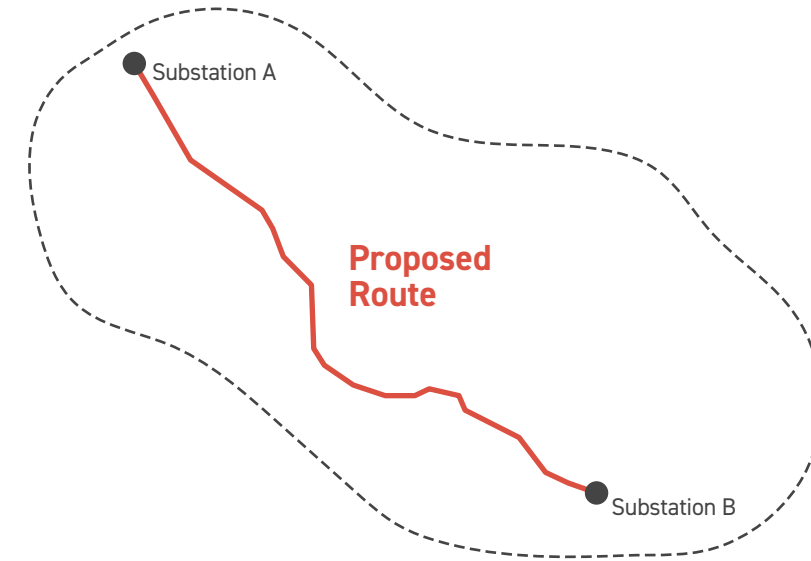
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ROUTING PROCESS



6) ALTERNATIVE ROUTES

After public input is gathered, study segments are further refined and evaluated. The most suitable segments are selected and assembled into alternative route options.



7) PROPOSED ROUTE

Alternative routes are assessed and a proposed route is chosen. The proposed route minimizes impact to the community and environment, while considering cost, line length and design requirements.



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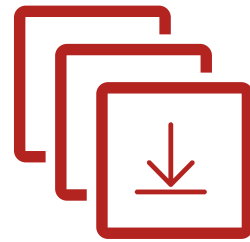
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THANK YOU!

Thank you for visiting the project virtual open house. For more information and project updates please visit the project website, or contact us with any additional questions.



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OPEN HOUSE**



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SLIDE DECK**



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WEBSITE**