

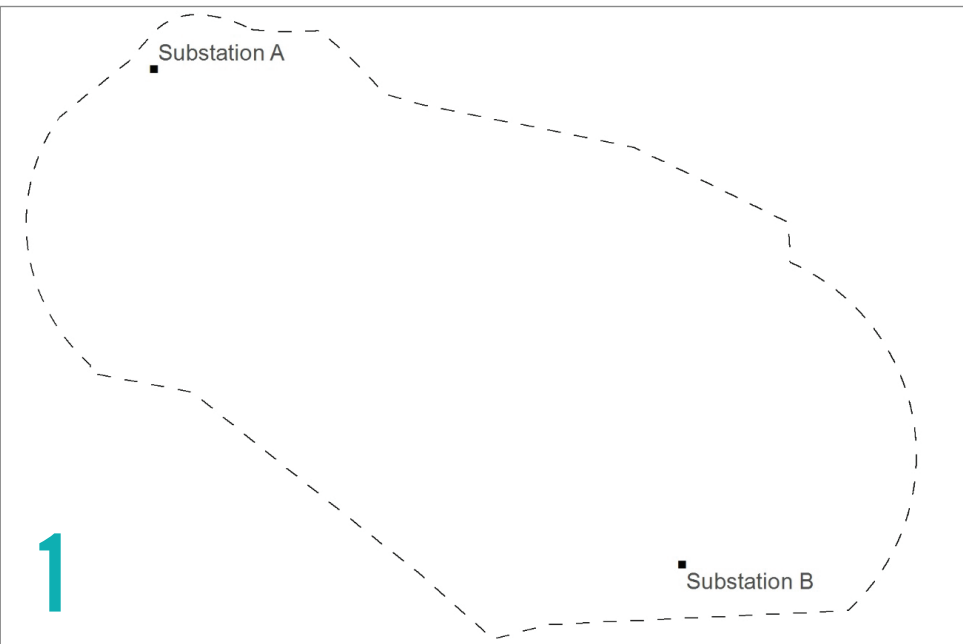
TRANSMISSION LINE ROUTING PROCESS



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.



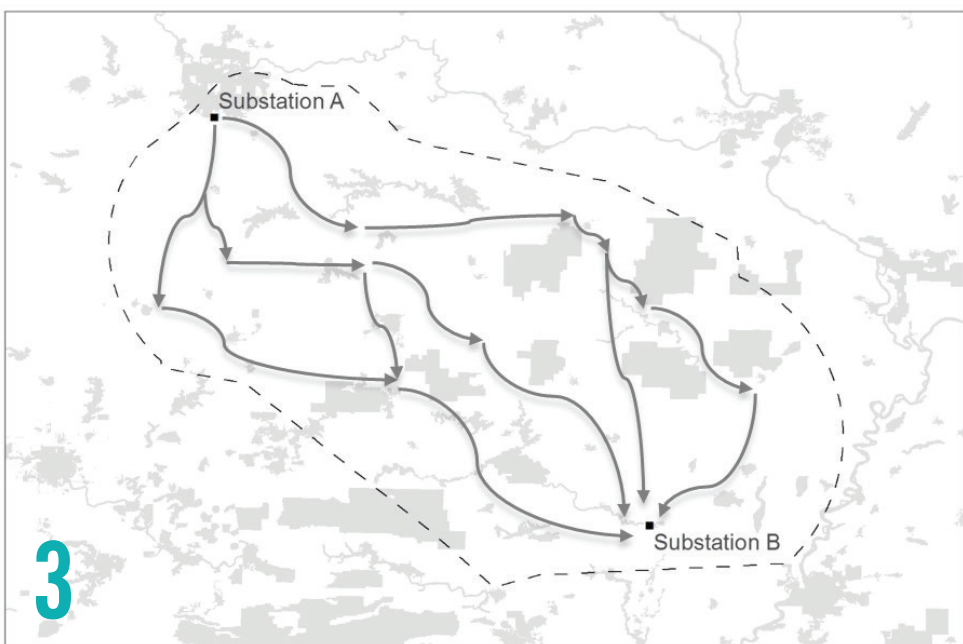
2) DATA GATHERING

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



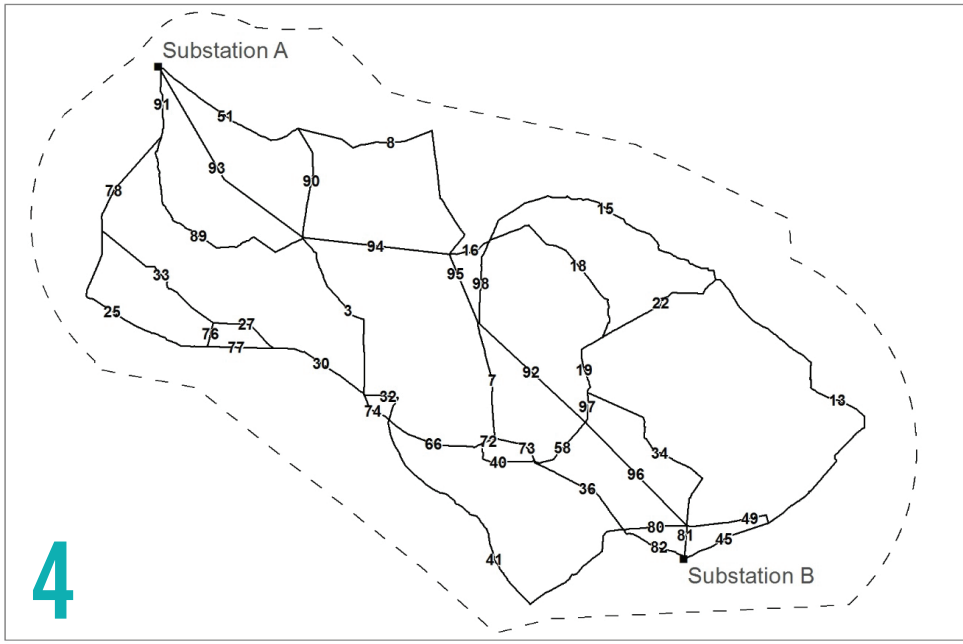
3) CONCEPTUAL ROUTES

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



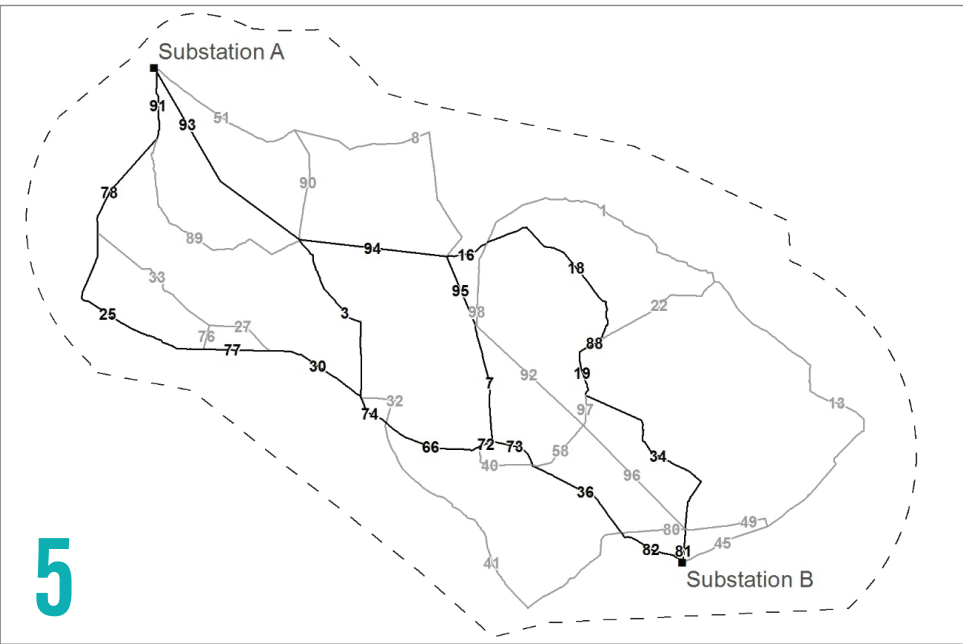
4) STUDY SEGMENTS

Conceptual routes are broken up into study segments.



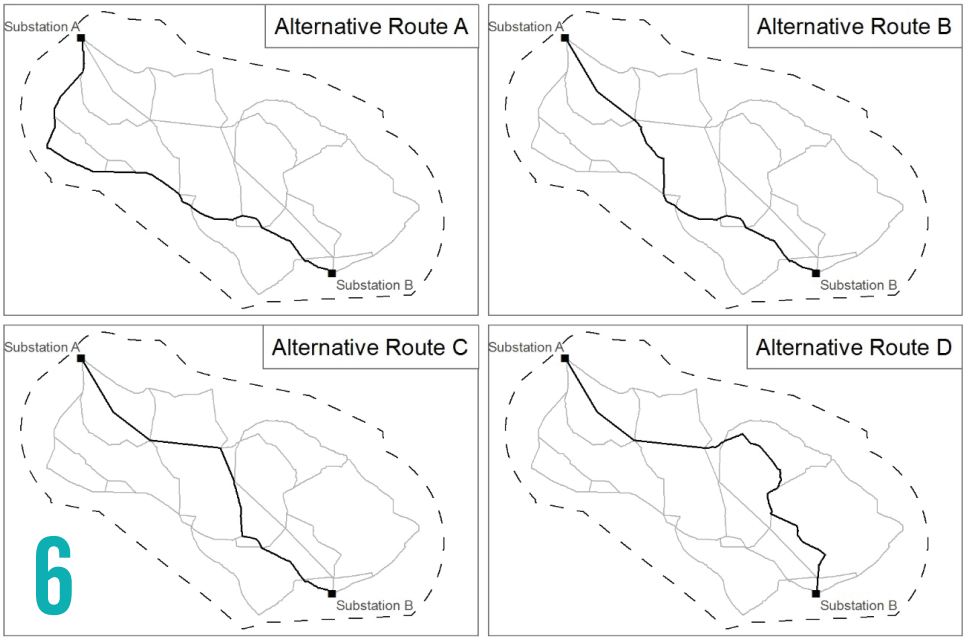
5) REFINED STUDY SEGMENTS

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.



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.

