Barnesville-Summerfield

138kV Transmission Line Rebuild Project

AEP OHIO®
A unit of American Electric Power

There is a need to increase the reliability of the electric transmission grid in eastern Ohio. AEP Ohio Transmission Company, Inc., an affiliate of AEP Ohio, proposes to rebuild an electric transmission line in Belmont, Guernsey and Noble counties. The company anticipates filing its application to rebuild this transmission line, known as the Barnesville-Summerfield 138-kilovolt Transmission Line Rebuild Project, with the Ohio Power Siting Board in summer 2016. This project is part of the Barnesville Area Improvements Project.

The existing 69-kV transmission line will be replaced and upgraded with 138-kV lines and structures. These 138-kV facilities are slightly taller and heavier and will allow the lines to carry more current and help meet customers' increased demand for power. The company will relocate and expand the existing Barnesville Substation.

The existing 69-kV facilities were built in the 1940s. This rebuild project will help ensure the continued reliability of the transmission system, which is vital to AEP Ohio's current customers and supports the development of the area's economy.

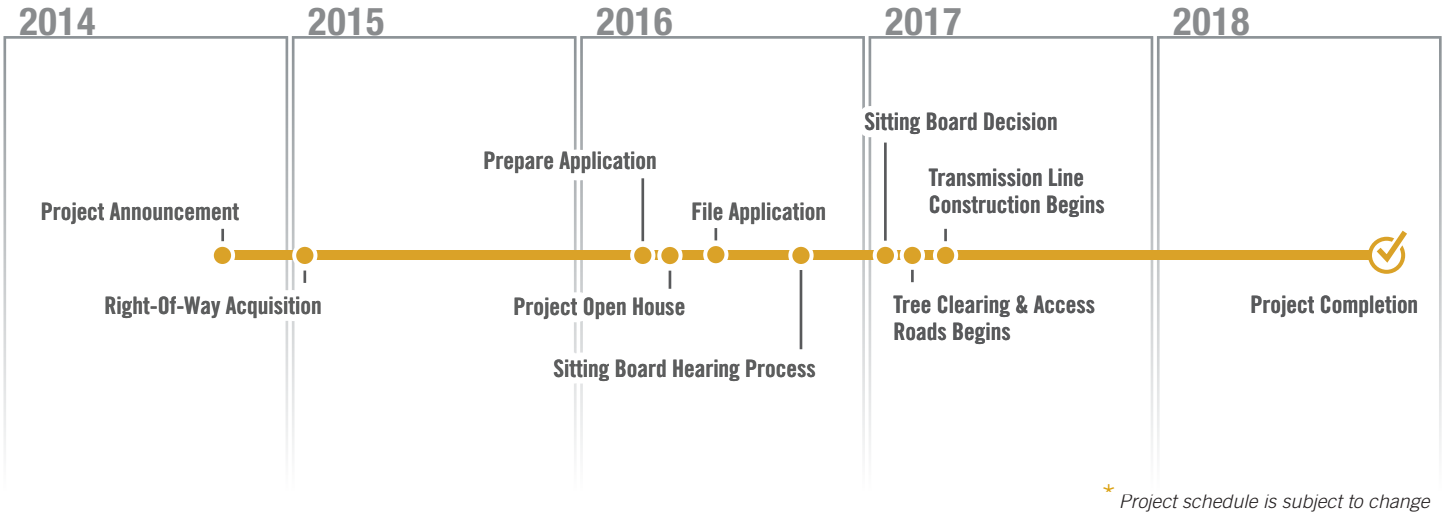
The Barnesville-Summerfield line will be approximately 16 miles long, depending on the route selected. The new transmission line will traverse Beaver and Marion townships in Noble County, Millwood Township in Guernsey County and Warren Township in Belmont County.

Typical Structures*

AEP Ohio will build new steel, single pole structures that will be about 90-feet tall. The structures will be placed in the center of an approximate 100-foot wide right-of-way corridor.

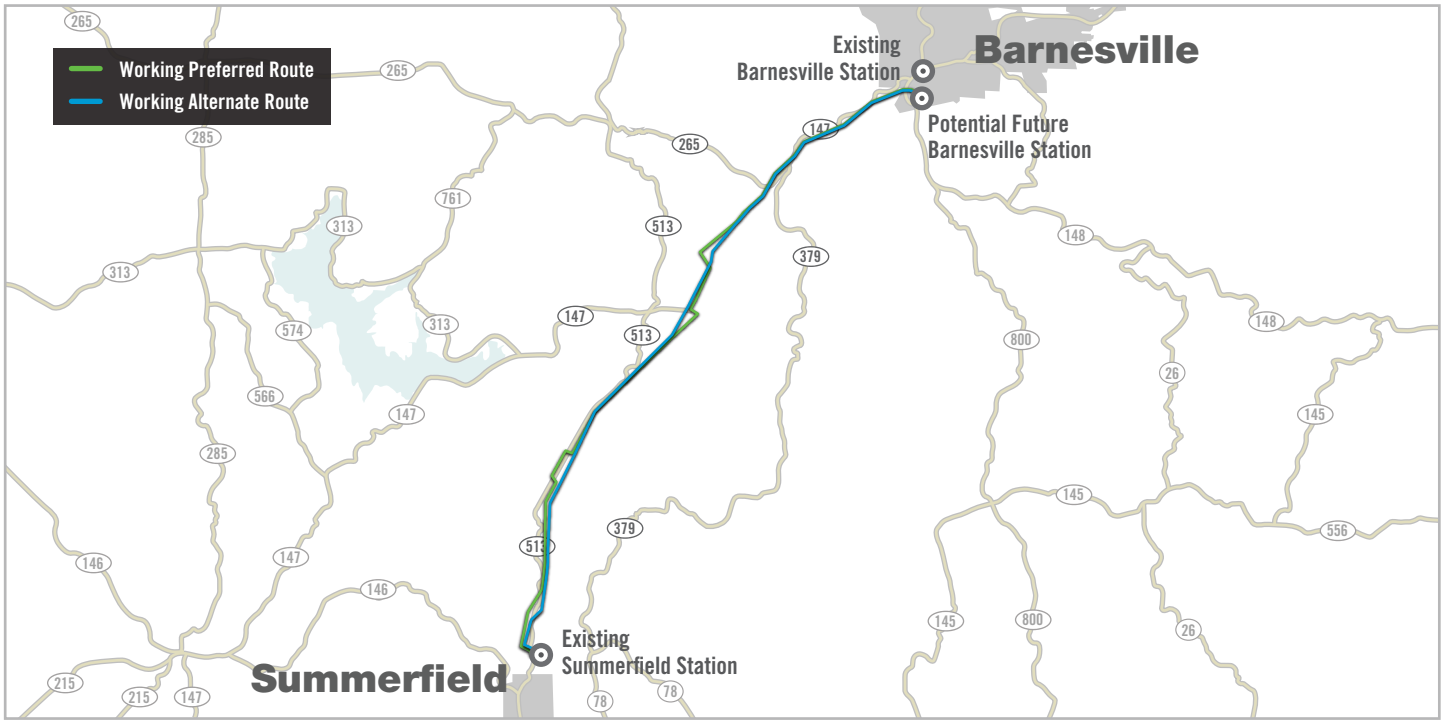
**Exact structure, height and right-of-way may vary*

Project Schedule*



* *Project schedule is subject to change*

Project Map



Contact Us

AEP Ohio welcomes your feedback regarding the project.
Please send comments and questions to:

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