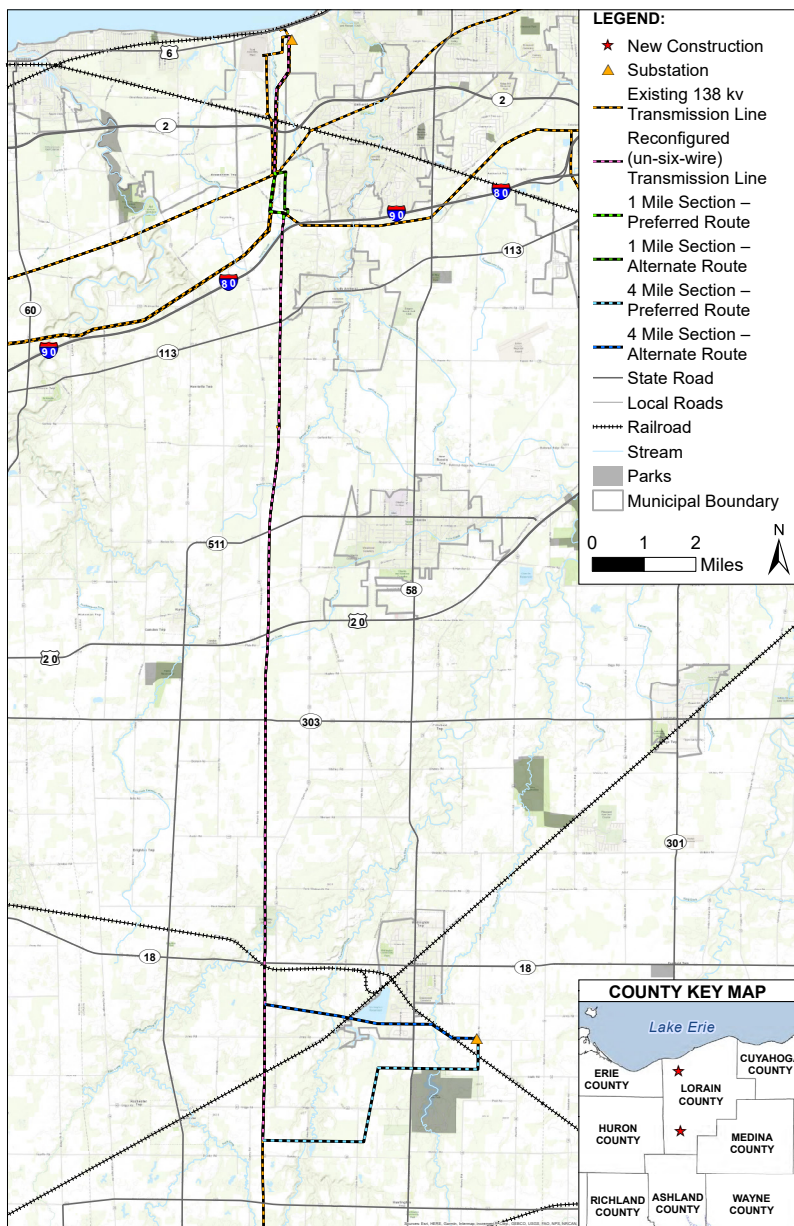


# BEAVER-WELLINGTON 138-kV TRANSMISSION LINE PROJECT

At FirstEnergy, it's our responsibility to deliver the power our customers depend on in their daily lives. American Transmission Systems, Incorporated (ATSI), a FirstEnergy company, has identified a need for a new 138-Kilovolt (kV) transmission line in Lorain County, Ohio, to enhance electric service reliability for existing customers, add redundancy to the network, and allow for future growth when new businesses or homes are built.



## PROJECT OVERVIEW

The Project consists of the following primary components:

- Expanding an existing a 138-kV substation in Wellington Township to facilitate installation of new equipment.
- Constructing approximately 4-mile-long and 1-mile-long sections of the new 138-kV transmission line
- Reconfiguring the existing 138-kV transmission lines to create the new 138-kV transmission line.

ATSI will build and own the new facilities. The estimated project cost is approximately \$19 million.

## ROUTING

ATSI has identified proposed route alternatives after conducting a Route Selection Study (RSS) for both the approximately one-mile long section of new construction as well as the approximately 4-mile-long section of new construction. These routes have been carefully evaluated to minimize impacts to environmentally sensitive areas, property owners and communities.

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## PROJECT NEED

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The Project is necessary to provide a second independent 138-kV source into the Wellington Substation and increase reliability and operational flexibility of the 138-kV and 69-kV systems in the area. The addition of the new 138-kV transmission line connection to the Wellington Substation creates a networked system. The 138-kV networked system configuration will allow for improved system reliability performance, restoration options, and flexibility with scheduled maintenance to reduce impact on transmission and distribution customers. The Project will also mitigate potential low voltage conditions that impact customers located on the Wellington and Brookside 69-kV systems in the event of an outage on the existing radial 138-kV transmission line. Finally, construction of the Project will directly improve electric service for approximately 27,900 customers served by the transmission system in the Project area and provide additional capacity for economic development and load growth in the area.

## EASEMENTS

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ATSI will negotiate with property owners to obtain the easements and vegetation management rights to support the new transmission line. Wood H-Frame and/or steel structures will be located within the right-of-way along the final route.

## PERMITTING

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Detailed wetland, stream and other environmental and historical evaluations will be performed along the proposed transmission line routes, and necessary permits will be secured from state and federal agencies prior to construction.

## REGULATORY APPROVAL

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ATSI must obtain authorization from the Ohio Power Siting Board (OPSB) for the proposed line and substation expansion before construction can begin. The company expects to make the necessary submittals to the OPSB for the project in August 2020. Construction will begin once approval is received.

## CONSTRUCTION

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Substation and transmission line construction are scheduled to start in June 2021. All new facilities are scheduled to be placed in service by December 2021.

## PRELIMINARY PROJECT TIMELINE

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January 7 and 8, 2020 ..... Public Information Meeting

July 15–August 14, 2020 ... Public Engagement and Comment Period

August 2020 ..... OPSB Filing

May–June 2021 ..... OPSB Approval

June 2021..... Start of Construction

December 2021 ..... Project Completed and In Service

## ABOUT ENERGIZING THE FUTURE

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Through *Energizing the Future*, FirstEnergy is upgrading and strengthening the transmission grid to meet the existing and future needs of our customers and communities. Projects are focused on upgrading or replacing aging equipment to harden our transmission infrastructure, reduce outages and cut maintenance costs; enhancing performance by building a smarter, more secure transmission system; and adding flexibility by building in redundancy and allowing system operators to more swiftly react to changing grid conditions.

For more information and project updates, visit [firstenergycorp.com/about/transmission\\_projects/ohio](https://firstenergycorp.com/about/transmission_projects/ohio)

