

## Big Rock – Dixon 69 kV Transmission Line Project



### PROJECT OVERVIEW

ITC Midwest is planning to build a new 69 kV (69,000 volt) electric transmission line that travels through Scott County from the future Big Rock Substation, owned by Alliant Energy, to the future Dixon Switching Station, owned by Central Iowa Power Cooperative. The proposed line is approximately 3.8 miles long (see the proposed route map on the back page). New structures are planned to be built along 310<sup>th</sup> Street. The western section of the new 69 kV line along 310<sup>th</sup> Street is proposed to be double-circuited with an existing 34.5 kV line to reduce the need for a new transmission corridor. The final route may change and will be determined when easement negotiations with landowners are completed, and the Iowa Utilities Commission has approved the project.

#### ***Why is this line needed?***

The proposed new transmission line is part of ITC Midwest's continuing efforts to improve system reliability, enhance grid resilience to better withstand extreme weather, increase capacity of the electric transmission system, and reduce electric system congestion to improve grid efficiency. The line will be built to new construction standards and include lightning protection for enhanced system reliability. This line project is part of a comprehensive plan to upgrade the outdated 34.5 kV system to a modern 69 kV system across Iowa to meet the growing needs of energy consumers.

#### ***Whose approval is required to rebuild this line?***

The Iowa Utilities Commission (IUC) grants regulatory approvals, called franchises, to Iowa utilities seeking to build transmission lines in the state. As part of its review process, the IUC reviews many aspects of the project such as the need for the line and the proposed route. The IUC has very clear criteria and a clear process for utilities to follow to request a franchise.

#### ***What is being done to ensure this line will be safe?***

This line will be designed to meet and even exceed the National Electrical Safety Code (NESC), the nationally-recognized design standard in the United States. This code requires construction to meet clearance requirements and withstand extreme weather conditions. As the line owner, ITC Midwest will ensure that the line is clear of trees and other vegetation.

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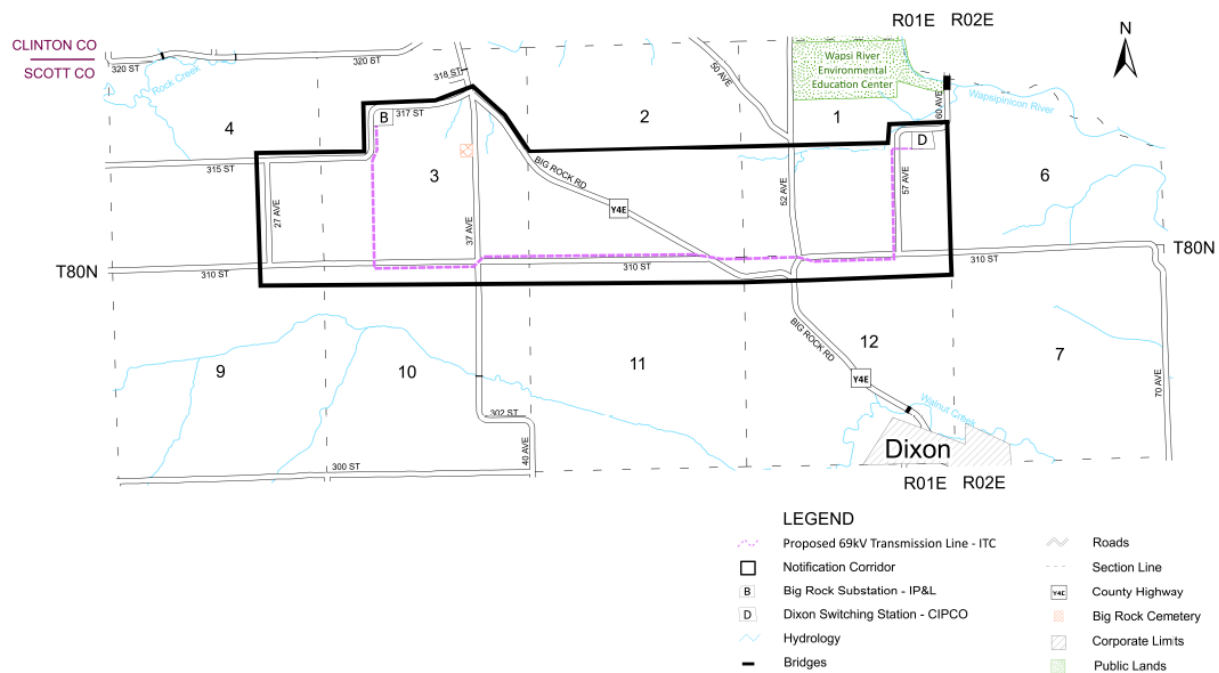
### ***What is ITC Midwest doing to minimize impact on landowners and current land uses?***

ITC Midwest seeks to minimize the impact of the line on existing land uses and is committed to protecting the environment. ITC Midwest will fully compensate landowners for any damages that occur during the construction process. To minimize the footprint of the line, the company plans to use mostly wood monopoles with a few wood laminate and steel monopoles.

### ***How will ITC Midwest work with landowners?***

Under Iowa law, ITC Midwest cannot negotiate for easements until after the Iowa Utilities Commission holds a public information meeting. For this project, the Scott County meeting was held in Dixon on August 13, 2026. In the coming months, ITC Midwest representatives will begin meeting with affected landowners in the proposed corridor to explain the process and their rights, and ultimately, to begin negotiations to secure voluntary easements. Landowners are compensated for permitting ITC Midwest to secure an easement on their property. ITC Midwest understands and appreciates the impact that new line construction has on landowners and pledges to treat *all* landowners with the utmost respect during this important process.

### **Big Rock – Dixon project proposed line route corridor**



### **Project Contacts**

If you have questions, you can contact ITC using our toll-free customer line at 1-877-482-4829. Once construction begins, Bryce Emehiser and Nick Troendle will be ITC Midwest's project leads.



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