



Great River Energy
 12300 Elm Creek Boulevard
 Maple Grove, MN 55369
 1-888-521-0130
 greatriverenergy.com

Wilbert to Blue Earth 69-kV transmission line rebuild project

Great River Energy proposes to improve the Wilbert to Blue Earth (FE-WB) 69-kV transmission system in Martin and Faribault counties by rebuilding 21.9 miles of the FE-WB 69-kV transmission line. This rebuild and maintenance of the line (that was built in 1970) will address issues associated with high winds and improve the reliability of the transmission system.

Overview

The project begins at the Blue Earth Substation located 3.6 miles south of the City of Blue Earth on 385th Avenue in Faribault County. From there, the FE-WB 69-kV transmission line runs west along 60th Street to 310th Avenue. There, it runs north, then turns west again at 70th Street (Martin County Road 18). The line continues on 70th Street and runs west to 200th Avenue, where it turns south. When the line reaches 60th Street (County Road 14), it turns west again and runs to 190th Avenue where it terminates at the FE-FW line which feeds the Wilbert Substation.

The project will continue to operate at 69 kV and will generally remain in the current centerline. However, some areas may require a modification to the existing centerline due to topography or other considerations. The transmission line routes will generally require a 70-foot wide right-of-way with 35 feet on either side of the centerline. If necessary, property owners will be contacted to discuss modifying the existing easements or to acquire additional easements to meet the transmission line right-of-way width requirement.



Typical wood single circuit

The poles will be primarily round wood and may include wood laminate or steel poles on concrete foundations. The poles will range in height from 65 to 90-feet above ground (see example photo above). The span between poles will range from 250 to 350 feet.

Vegetation removal and access

This project may require removal of trees and vegetation along the transmission line right-of-way. A representative from Great River Energy will contact property owners before any tree work takes place. Great River Energy will also work with landowners along the transmission corridor, where necessary, regarding access to the easement area.

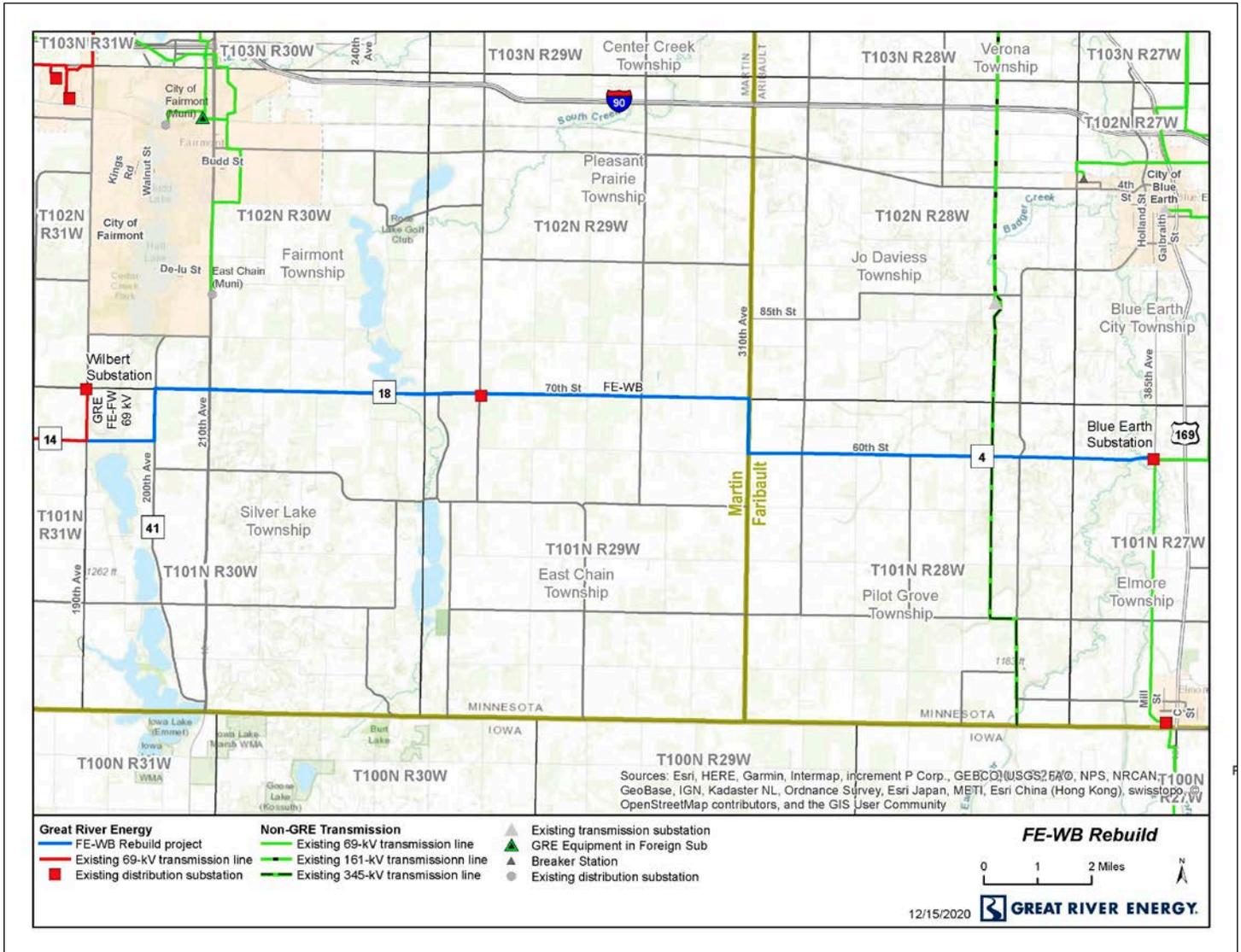
Schedule

Notifications	Winter 2020
Permitting	Fall 2021 – Winter 2022
Survey/design	Spring 2021
Easements	Spring/Summer 2021
Transmission line construction	Summer 2022
Energization	Winter 2022

Quick facts

Length	– 21.9 miles
Voltage	– 69 kV
Structures	– Wood, wood laminate and steel
Spans	– 250 to 350 feet apart
Right of way	– 70-foot-wide right of way. 35 feet on each side of the centerline
Permits	– Road authority

Proposed project



Great River Energy representatives

For project updates and information, visit greatriverenergy.com/wilbert or contact:

Peter M. Schaub, Sr. Field Representative
 Land Rights
 763-445-5976 | pschaub@greenergy.com

Tosha Barthel, Transmission Permitting Specialist
 Transmission Permitting and Compliance
 763-445-5986 | tbarthel@greenergy.com

About Great River Energy

Great River Energy is a not-for-profit wholesale electric power cooperative which provides electricity to 28 member-owner distribution cooperatives. Together, our systems provide power to approximately two-thirds of Minnesota geographically and parts of Wisconsin, serving 700,000 families, farms and businesses.