

Two Inlets to Potato Lake 115 kV Transmission Line



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Project Description/Need

Great River Energy, wholesale electric supplier to Itasca-Mantrap Co-op Electrical Association, proposes to construct a new overhead 115 kilovolt (kV) transmission line that is needed to provide electric power to a new petroleum pump station being proposed by Enbridge Energy. The Enbridge pump station is part of a pipeline replacement project that will require permits from the Minnesota Public Utilities Commission.

Proposed Project

The 7-mile transmission line (see map on back for proposed route) will tap Great River Energy's existing 115 kV transmission line just south of the existing Potato Lake Substation on the west side of Highway 71. From there the line will run west through wooded lowland to the existing pipeline corridor. The route will follow the existing pipeline corridor to the proposed pump station location on the south side of 300th Street just east of Highway 71.

The proposed transmission line will consist of wood poles that are 350 to 400 feet apart and 70 to 80 feet above ground. Guy wires and anchors, when necessary, will be used to stabilize poles. Some specialty poles may be required. The new transmission line will require a 100-foot-wide right of way, 50 feet on each side of the centerline. Trees and vegetation in the right of way will be removed to provide a safe construction, operation and maintenance area.

Permitting

Great River Energy will seek local approval for the project. An Environmental Assessment must be prepared and accepted as complete by the local permitting authority before final project approval. Landowners along the proposed transmission route will be provided information on the project and approval process.

Easements/Trees

Great River Energy will contact landowners to present an easement and offer of compensation. At this time, information will be shared on tree removal, construction access and practices, and restoration of the right of way.

Project Schedule

Public contacts and/or notifications -----	Spring 2015
Project permitting -----	Summer 2015 to summer 2018
Survey/design -----	Spring 2018
Easement acquisition/right-of-way permits -----	Spring 2018
Transmission line construction -----	Winter 2018 to fall 2020
Energization -----	Fall 2020



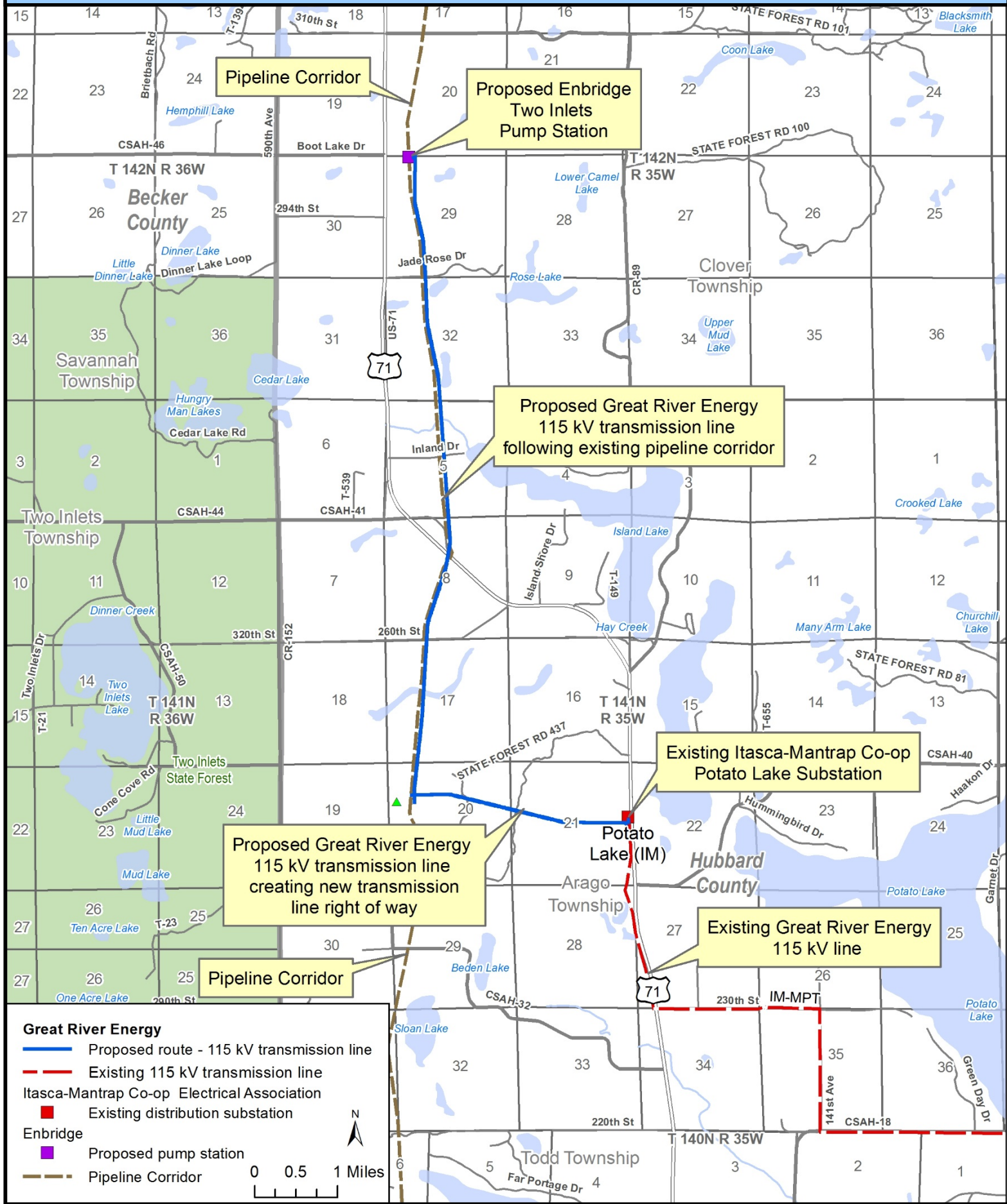
**Typical 115 kV
Transmission Structure**

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

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Proposed Project



Pipeline Corridor

Proposed Enbridge
Two Inlets
Pump Station

Proposed Great River Energy
115 kV transmission line
following existing pipeline corridor

Existing Itasca-Mantrap Co-op
Potato Lake Substation

Proposed Great River Energy
115 kV transmission line
creating new transmission
line right of way

Existing Great River Energy
115 kV line

Pipeline Corridor

Great River Energy

- Proposed route - 115 kV transmission line
- Existing 115 kV transmission line

Itasca-Mantrap Co-op Electrical Association

- Existing distribution substation

Enbridge

- Proposed pump station
- Pipeline Corridor

0 0.5 1 Miles