

PARIS – ST. MARTINS

ELECTRIC TRANSMISSION REBUILD PROJECT

OVERVIEW

The 50-year-old wires on the 138,000-volt, 18-mile power line between the Paris Substation near Union Grove and the St. Martins Substation in Franklin are no longer adequate to support the generating capacity of the Paris Generating Station, which has been uprated by We Energies in recent years to boost the electrical output.

DESCRIPTION OF THE PROJECT

In order to prevent power line overloads and failures, ATC plans to replace the existing wires with higher-rated ones to support the output of the Paris Substation under normal and extreme operating conditions. In addition, due to the age and condition of the existing two-pole (H-frame) and three-pole guyed wood structures, ATC plans to replace these structures with single-pole weathering steel structures. The project will cost an estimated \$4 million.



Existing H-frame structures like the one shown above will be removed.



Single-pole weathering steel will be constructed on existing right-of-way.

PREPARATION

Soil boring tests within the existing transmission line easement will be performed by our contractor, Midwestern Engineering Services. They will collect samples at selected locations along the route to determine soil characteristics. This data will then be used to design and erect new structures to replace the existing ones. ATC will contact landowners of properties where soil borings are required before the work is done.

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PROJECT SCHEDULE

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| Soil borings along route | May 2004 |
| Environmental survey | May 2004 |
| Removal of existing structures | Late 2004 |
| Construction of new structures | Early 2005 |
| In service | Spring 2005 |

CONSTRUCTION

ATC plans to take the entire line out of service in November 2004 and remove all of the existing structures and wires. The new single-pole structures will be located along the existing easement centerline at approximately the same location as the existing structures. Although all construction activities are to be done within the existing right-of-way, ATC may need to work with landowners to gain access to the right-of-way. Because this work will be done during the winter months when the ground is frozen, physical damages are expected to be minimal, but ATC will compensate landowners for any damages that occur as a result of construction.

ENVIRONMENTAL COMMITMENT

Our environmental commitment is built on ATC's core values—service to our customers, honesty, social responsibility, stakeholder inclusion, financial and environmental sustainability, and respect for our employees and customers. We support sustainable environmental policies and actions by balancing stewardship with financial considerations, engineering and maintenance requirements, and societal impacts.

WHO IS ATC?

Everything we do at ATC is designed to ensure and strengthen the reliability of the transmission system. ATC is a transmission-only utility that owns, operates, plans, monitors and maintains more than 8,900 miles of electric transmission lines and approximately 450 substations in portions of Wisconsin, Upper Michigan and Illinois.

FOR MORE INFORMATION

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