

Appendix E

Display Boards and Banners

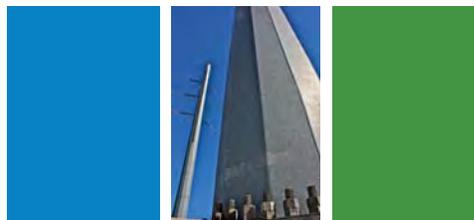
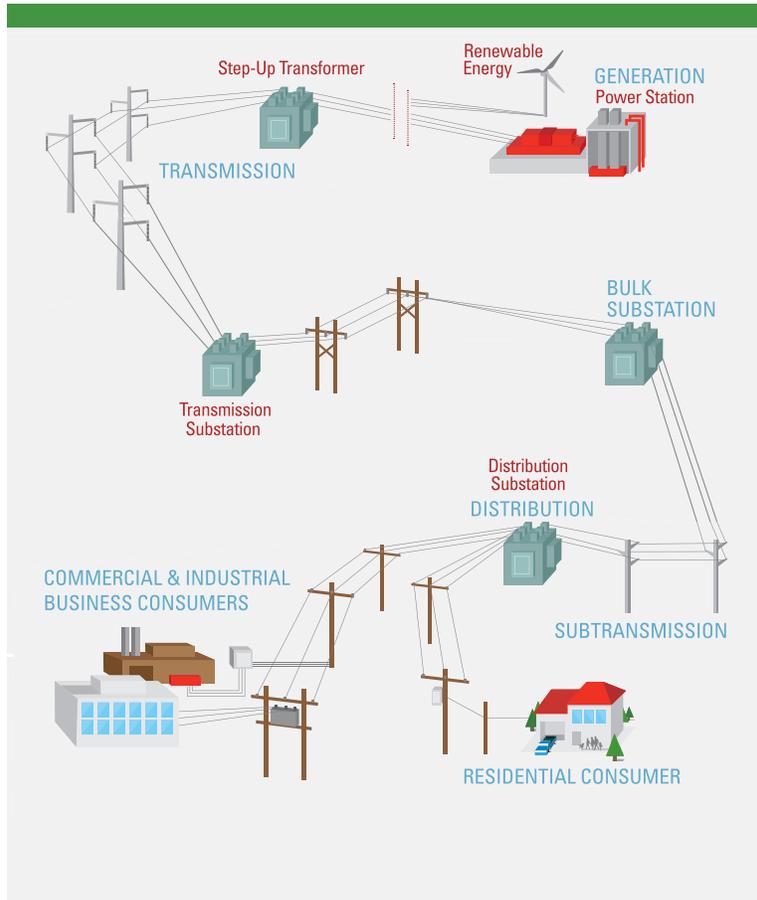


**By the end of today's open house
you will have:**

- Project information
- An understanding of the routing process
- Talked to team representatives
- Provided your input



HOW ENERGY IS DELIVERED



MISO MULTI-VALUE PROJECTS

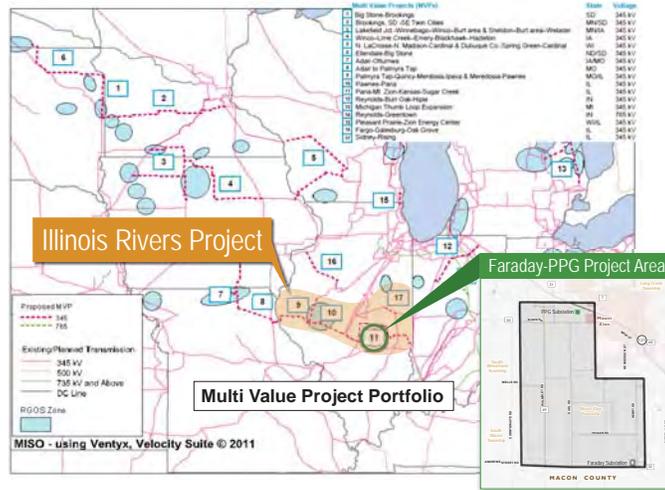
What is MISO?

Midcontinent Independent System Operator (MISO) exists to provide an efficient regional energy market, to foster wholesale electric competition, and to coordinate regional planning.



MISO market area

MISO Multi-Value Projects



- Facilitate the delivery of renewable energy needed to meet state renewable energy requirements
- Improve access to lower-cost energy by reducing transmission congestion
- Strengthen the transmission system and improve reliability



FARADAY-PPG PROJECT BENEFITS



The Faraday-PPG Transmission Project is a key component in integrating the approved Illinois Rivers Project into the existing system and is necessary to achieve the full benefits of the Illinois Rivers Project which include:



Improved electric system reliability



Improved access to lower-cost electricity by reducing transmission congestion



Improved access to renewable energy sources



Support the State of Illinois in meeting its Renewable Portfolio Standard (RPS)



Support approximately 30 construction jobs



PROJECT DESIGN CONSTRAINTS



Building the transmission lines on two separate rights-of-way provides a reliable supply of electricity to our customers during outages due to a storm or other disruption.

West Route

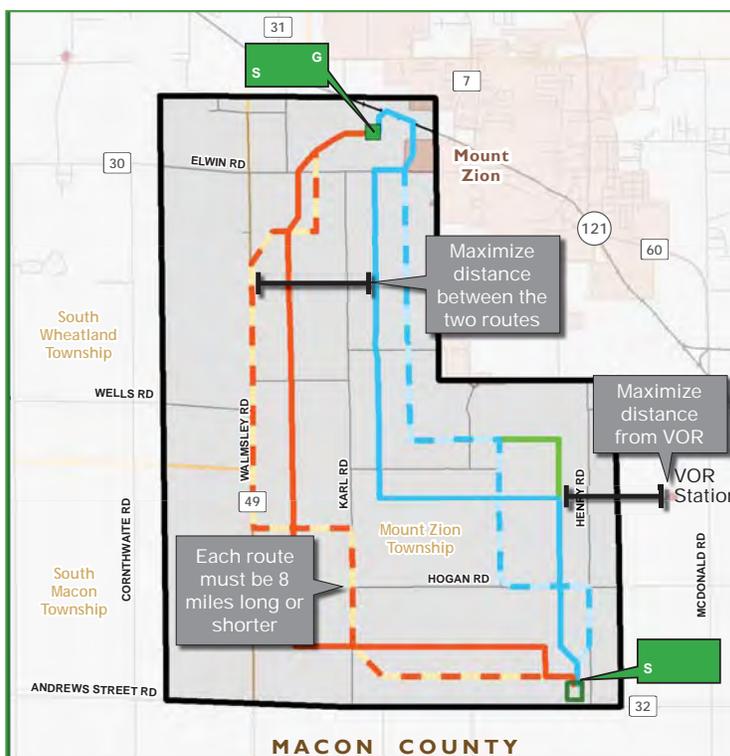
- West Primary
- West Alternate

East Route

- East Primary
- East Alternate

Segment Options

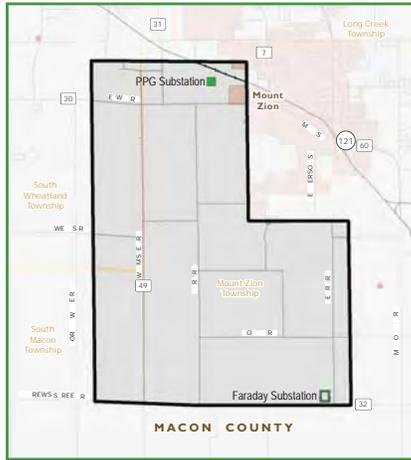
- Segment Option



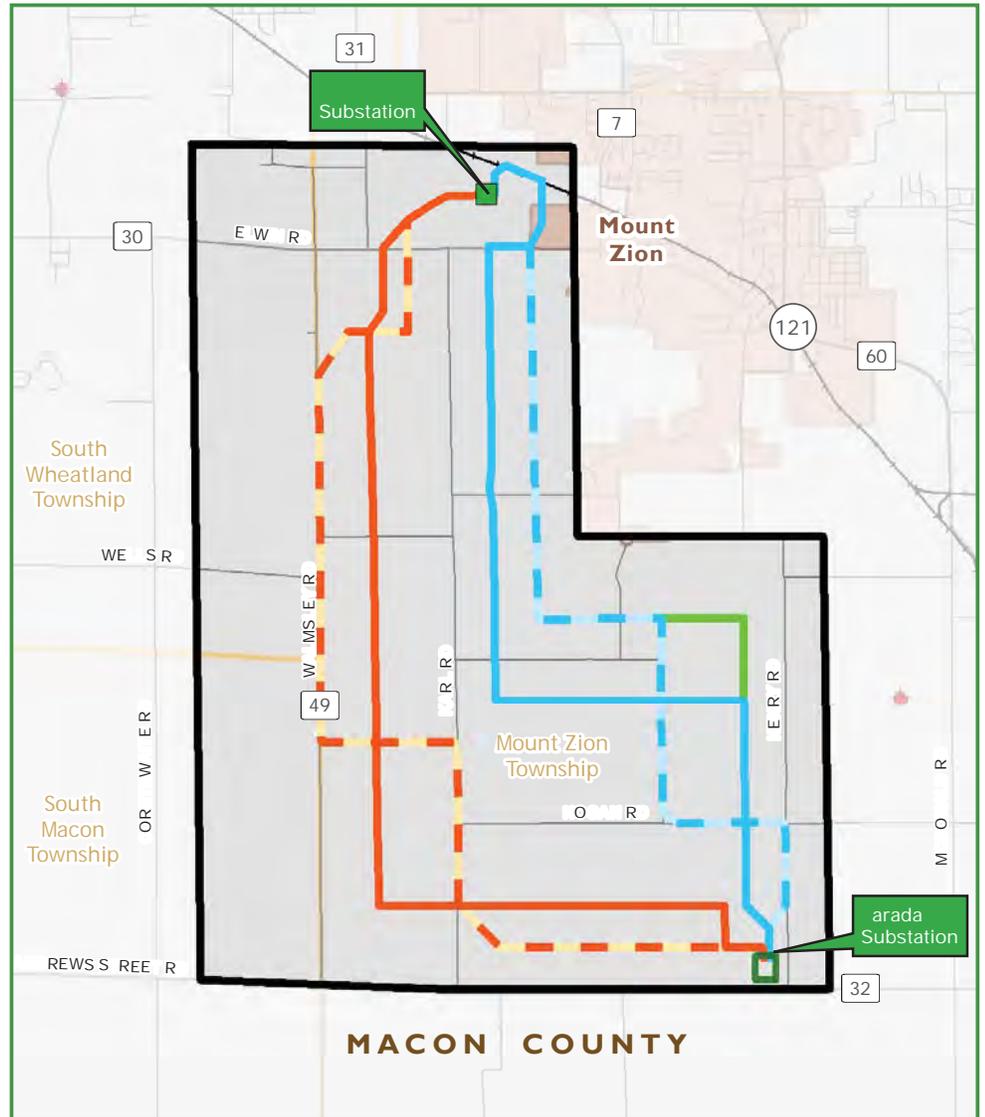
-  Each of the routes must be 8 miles in length or shorter
-  Maximize the distance between the two routes to increase reliability
-  Maximize distance from VOR/Vortac station (a type of aircraft radio navigation)

ROUTING PROGRESSION

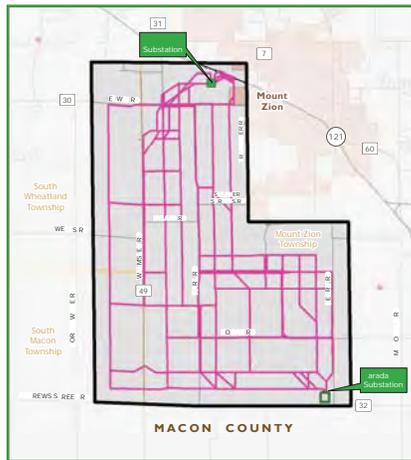
Project Area



Proposed Routes



Route Segment Network



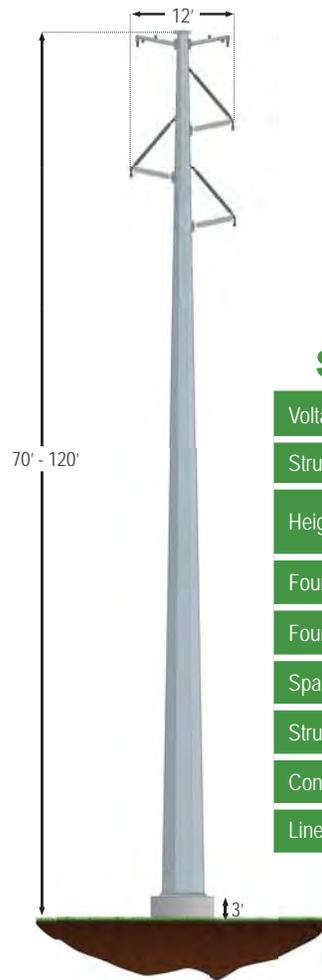
Preliminary Routes



Final Proposed Routes filed with the ICC

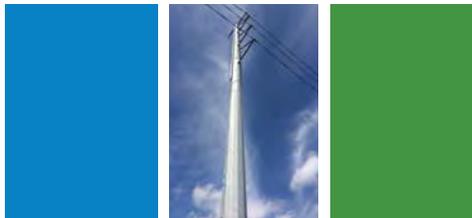


Typical Measurements



Structure Snapshot

Voltage	138,000 volts
Structure Type	Single-shaft steel poles
Height Range	70 – 120 feet tall (typical)
Foundation	Concrete pier
Foundation Diameter	6 – 10 feet (typical)
Span Length	800 feet (average)
Structures per Mile	7 – 8 (average)
Conductor Clearance	21 feet (minimum)
Line Easement Width	100 feet



ADDITIONAL PERMIT REQUIREMENTS

 Ameren Illinois may need additional permits or approvals from various federal, state, and local agencies. These include but are not limited to:



U.S. Army Corps of Engineers

Section 404



U.S. Fish and Wildlife Service

Endangered Species Act, Bald and Golden Eagle Protection Act, and Migratory Bird Treaty Act



Illinois Environmental Protection Agency

Section 401 Water Quality Certificate and General NPDES Permit for storm water discharge from construction site



Illinois Historic Preservation Agency

Section 106 Review



Illinois Department of Transportation

Road permits



Illinois Department of Natural Resources

State protected natural features (e.g. endangered species)



Illinois Department of Agriculture

Agricultural Impact Mitigation Agreement (AIMA)



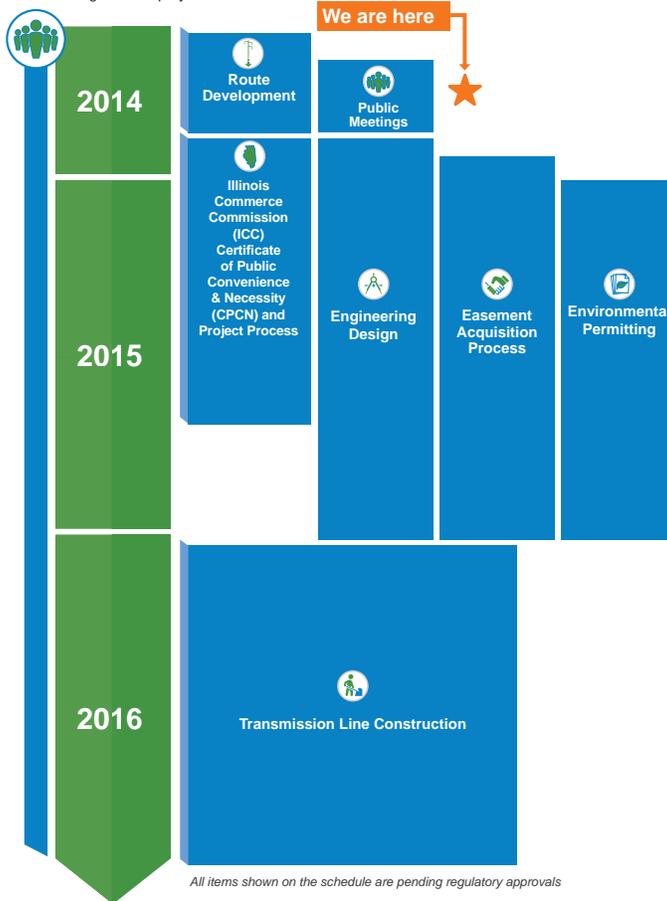
Local Permits

Erosion control and road crossings



FARADAY-PPG PROJECT SCHEDULE

Stakeholder and public outreach will occur throughout the project



All items shown on the schedule are pending regulatory approvals



REGULATORY PROCESS

Certificate of Public Convenience and Necessity (CPCN) and Project



The Illinois Commerce Commission is the State agency responsible for reviewing, approving, or denying submitted CPCN and Project applications.

Pre-route selection

Informational Packet

Public Meetings

Post-route selection

Ameren Illinois Petition, Testimony, and Exhibits for a CPCN and Project*

ICC Notice to Affected Landowners

Data/Information Requests by Parties to ICC Proceeding

ICC Staff and Intervenor Testimony and Exhibits**

Evidentiary Hearing(s) held by the ICC

Legal Briefs/Proposed Order



Once the Petition is filed, the ICC will issue a docket number. For more information, visit:

www.icc.illinois.gov

Docket documents can be viewed at:

www.icc.illinois.gov/e-docket



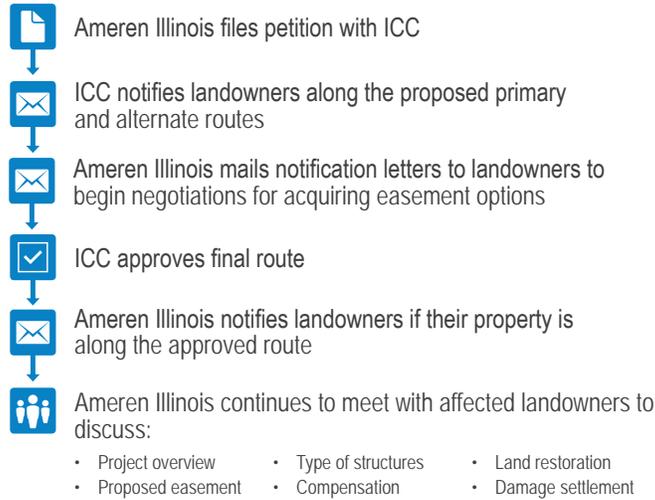
Commission Approval

*Pursuant to Sections 8-406.1 and 8-503 of the Public Utilities Act.

**Opportunity for intervening stakeholders and landowners to present evidence in support of, or in opposition to, the proposed project or route occurs in the context of the evidentiary proceeding.



Easement acquisition process



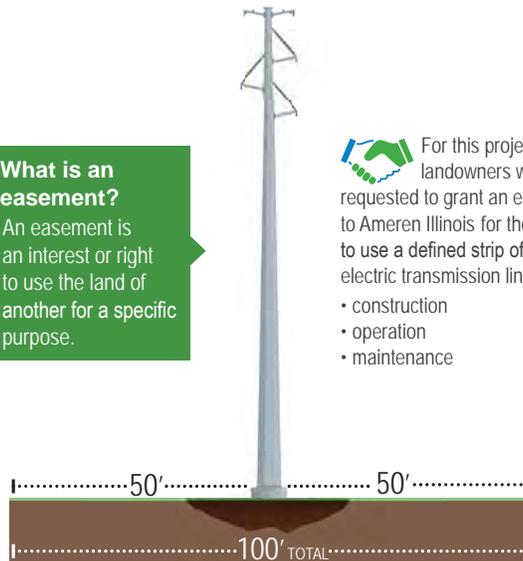
What is an easement?

An easement is an interest or right to use the land of another for a specific purpose.



For this project, landowners will be requested to grant an easement to Ameren Illinois for the right to use a defined strip of land for electric transmission line:

- construction
- operation
- maintenance



Pre-construction coordination

- Contractors
- Landowners
- Stakeholders

1 Survey structure locations



2 Auger holes and pour foundation



3 Assemble structure on the ground



4 Lift and place structure on foundation



5 String wires



6 Restore easement and energize line



The process depicted above is the typical construction process and may vary





We value your input



Comment Forms

Submit a comment form today or mail it to us later



Website

Visit our website at FaradayTransmission.com
submit a comment online at any time



Hotline

Call our toll-free hotline at (877) 655-2349



Email

Email us at FaradayTransmission@ameren.com



Ways to stay informed



Talk to our team representatives to gather information on specific topics and areas



Visit our map stations to verify information about your property and community



Follow the ICC process

