

WELCOME TO OUR OPEN HOUSE

GOALS OF TODAY'S OPEN HOUSE:



LEARN

more about the project



REVIEW

project maps



PROVIDE

feedback and input to the project team

The purpose of our public engagement is for stakeholders, agencies and landowners to learn about the Project, discuss their questions and concerns with our Project team, and provide input on sensitivities and opportunities.

We look forward to your input in understanding the project area from the community's perspective.

CONTACT US



Ameren.com/Crossroads



573.367.5246

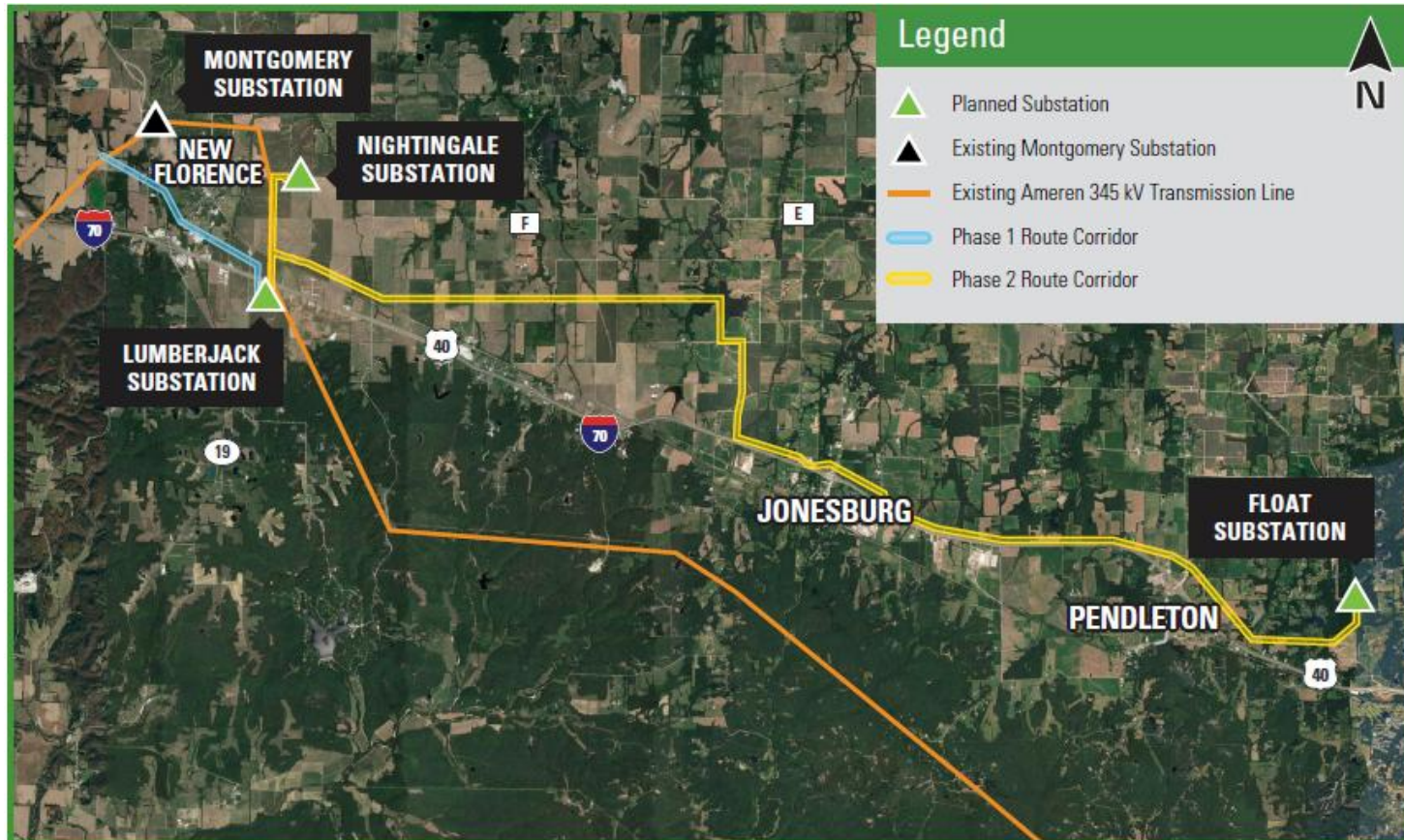


connect@crossroadsconnectorproject.com



CROSSROADS CONNECTOR PROJECT

CROSSROADS CONNECTOR PROJECT



Phase 1 of the project includes constructing approximately 4 miles of new 345 kV double circuit transmission line to connect the new Lumberjack substation southeast of New Florence to the existing Montgomery-Callaway 345 kV transmission line located west of New Florence.

Phase 2 of the project includes constructing approximately 18 miles of new 345 kV double circuit transmission line and a new substation named Float west of Warrenton. The new line will connect the Float substation to the new Nightingale and Lumberjack substations located east and southeast of New Florence.



DISCLAIMER: This map is for informational purposes only and depicts the general location of the proposed route for the transmission line. It is not intended to be used for legal, engineering, or surveying purposes and does not represent a final determination by Ameren Missouri as to route selection. The information may be subject to change, and Ameren Missouri does not guarantee the accuracy of the data shown.

WHAT IS ENERGY RELIABILITY?

Our energy system is similar to roads.

When your main route is closed for construction, you review your options and find an alternative. But some of these alternatives can't handle the increased traffic, and users experience traffic jams.

The energy grid is no different.

Unfortunately, the problems can be worse when a transmission “route” is out of service—for example, if a large storm were to take out multiple transmission or distribution lines.

More options for energy delivery

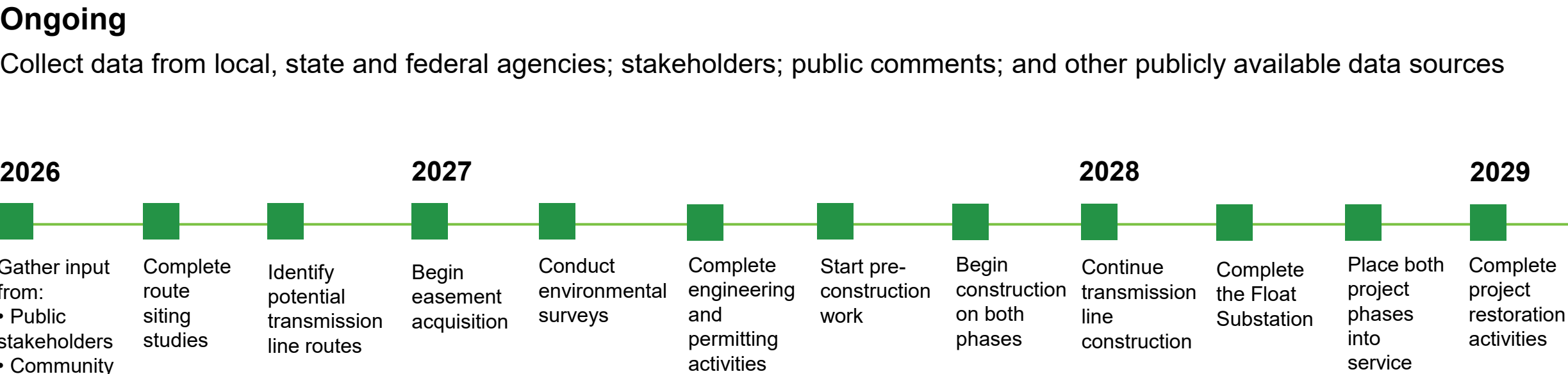
If the lines supporting a community are out of service, local homes and businesses could experience reliability issues in the area.

With our new Project, we can add more capacity or “alternate routes” to support your community! Through this energy investment, we’re minimizing the risk of limitations with energy delivery and associated community impacts.



CROSSROADS CONNECTOR PROJECT

OVERALL SCHEDULE

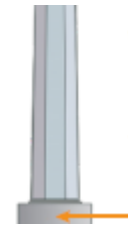


**All items shown are pending regulatory approvals. Schedule is subject to change.*

TYPICAL NEW STRUCTURES

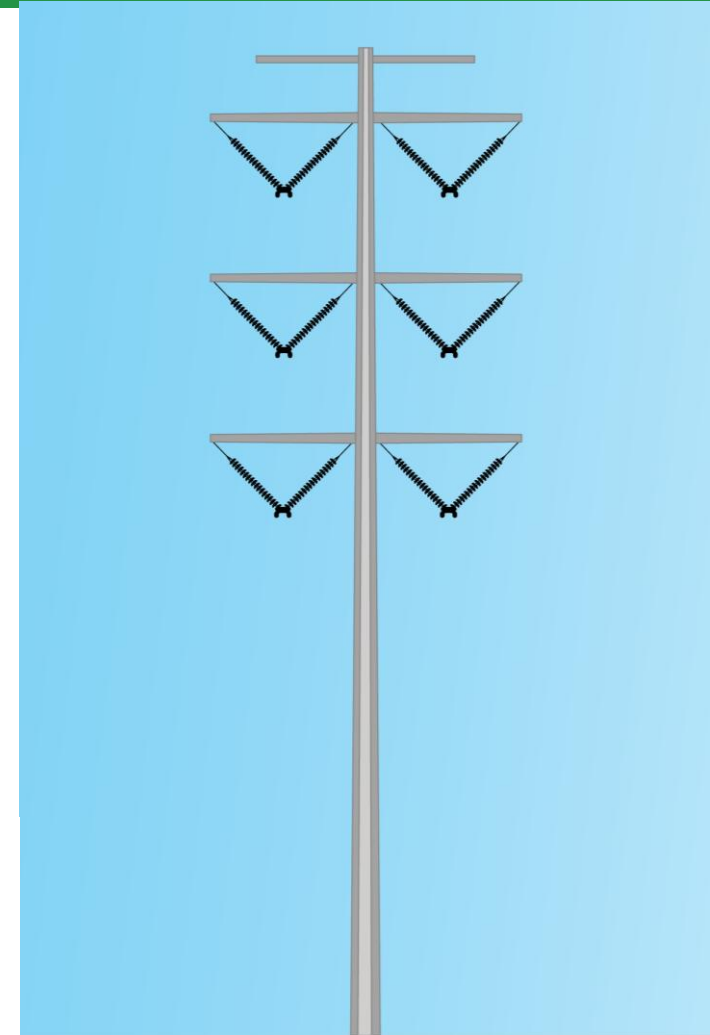
Single Steel, Self-Supporting Monopole

- ✓ Voltage: 345 kV
- ✓ Phase 1 Height: 100–140 ft.
- ✓ Phase 2 Height: 100–180 ft.
- ✓ Span: 800–1,000 ft.
- ✓ Structures per mile: 6–7
- ✓ Conductor ground clearance: 25 ft. (minimum)
- ✓ Foundation: Direct embed and/or drilled pier foundations, 8–10 ft. in diameter and 2 ft. above ground



What are drilled pier foundations?

Holes are drilled and then concrete is poured into the ground to support the transmission structures.



CROSSROADS CONNECTOR PROJECT

ENVIRONMENTAL REVIEW & AGENCY COORDINATION

Our project team coordinates with federal, state and local agencies regarding protected or sensitive resources in a project area when siting a new transmission line. Sometimes additional permits or approvals from these agencies are necessary to construct a project:



U.S. ARMY CORPS OF ENGINEERS

Section 404 Clean Water Act / Section 10 Rivers and Harbors Act / Section 408 Authorization



MISSOURI STATE HISTORIC PRESERVATION OFFICE

Section 106 Cultural Resources Review



U.S. FISH AND WILDLIFE SERVICE

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



MISSOURI DEPARTMENT OF TRANSPORTATION

Road permits



MISSOURI DEPARTMENT OF CONSERVATION

State protected species and conservation areas



MISSOURI DEPARTMENT OF NATURAL RESOURCES

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



LOCAL PERMITS

Erosion control and road crossings

CONSTRUCTION

Transmission line construction is completed in intermittent phases and will not be constant on landowners' property during the construction period. We will provide more information before construction begins. There will be six major stages of construction including:



Survey structure locations, soil borings and vegetation clearing



Assemble structure on the ground



String wires



Drill hole and pour foundation



Lift and place structure on foundation



Restore easement and energize line

VEGETATION MANAGEMENT

Safety and reliability are the driving factors behind managing trees, and other forms of vegetation, around our transmission lines. Trees and other vegetation can damage the line and hinder our ability to deliver electric service safely and reliably. Vegetation can make the job of storm restoration more difficult, extend restoration times, and pose additional hazards to line crews.

To protect the public and reduce the risk of extended power outages, Ameren has a vegetation management program designed to ensure proper clearances around the lines as required by federal and state agencies. The program reduces the potential for damage and allows access for crews to maintain and repair transmission equipment.

This vegetation management work may include:



Mowing



Application of environmentally-safe treatments



Manual and aerial trimming



Removal of vegetation

WE VALUE YOUR INPUT!

TELL US YOUR THOUGHTS



COMMENT FORM

Submit a comment form today or email/mail it to us later.



ONLINE COMMENT MAP

Submit a comment on our online comment map.



VIRTUAL ENGAGEMENT

Review similar information from today's open house.



PROJECT WEBSITE

Learn more at
Ameren.com/Crossroads.

CONTACT US



573.367.5246



connect@crossroadsconnectorproject.com

Thank you for your input and feedback on the Crossroads Connector Project.



CROSSROADS CONNECTOR PROJECT