Hello!

The Limestone Ridge Project virtual public meeting will begin shortly.

Please call 612.422.8853 if you have having issues hearing any audio or seeing the screen.

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Wabash Valley POWER ALLIANCE

Welcome to the Limestone Ridge Project Virtual Public Meeting

AUGUST 19: 12:00 p.m. or 7:00 p.m.

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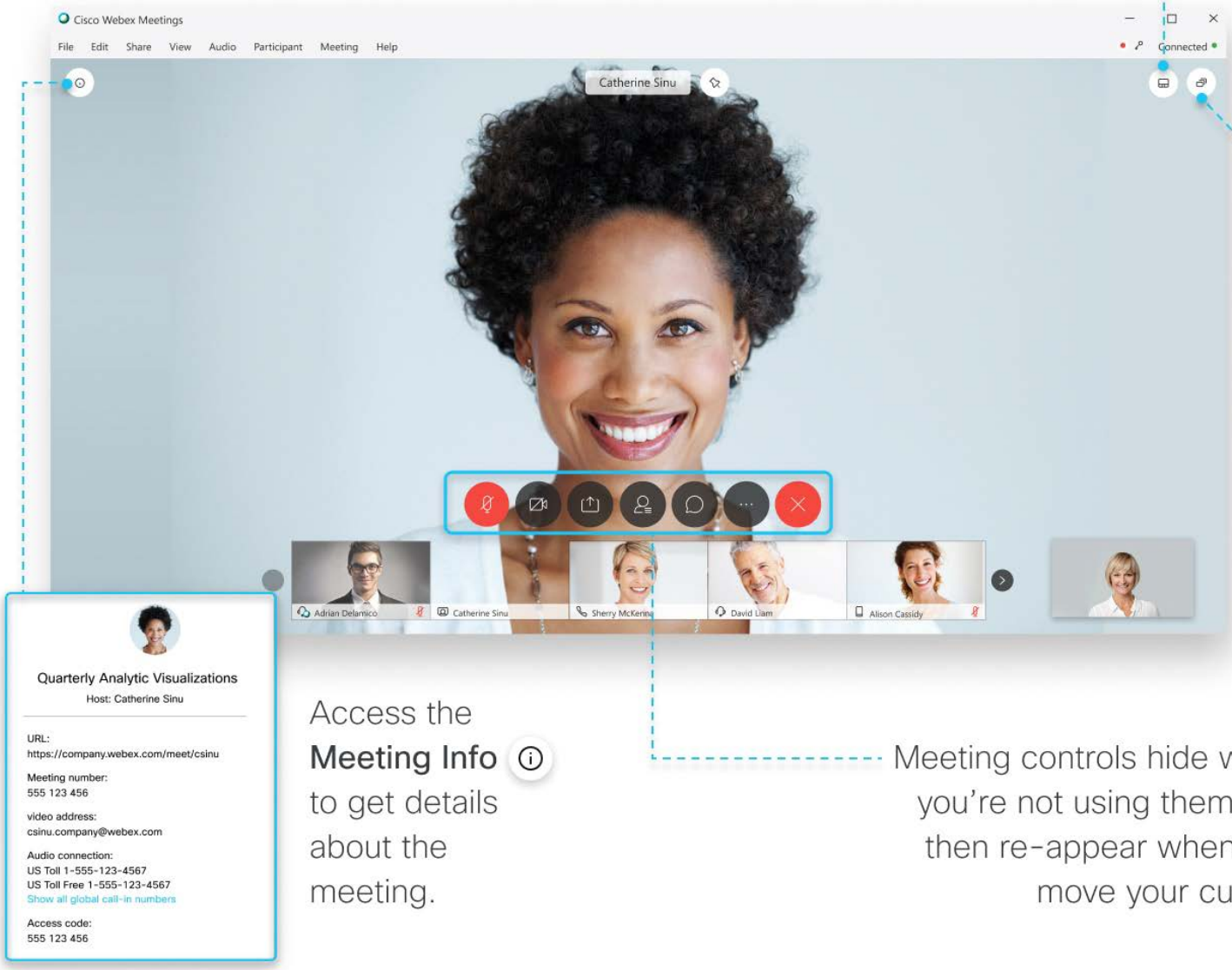
Webex Features



Change your **Video Layout** to control where you view video participants and panels on your screen.

Choose **Floating Panel View** to position any panel where you want it - even on a second monitor.

Access the **Meeting Info** to get details about the meeting.

Meeting controls hide when you're not using them and then re-appear when you move your cursor.

Safety Moment

TORNADO PREPAREDNESS DURING COVID-19

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Agenda

- SAFETY MOMENT ✓
- INTRODUCTIONS
- PROJECT OVERVIEW
- INTEGRATED ROUTING PROCESS
- ENGAGEMENT
- ROUTING INPUT
- Q&A
- WRAP-UP

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OPEN HOUSE & COVID-19

Due to COVID-19, we are taking action to keep you and our staff safe and healthy. Ameren has indefinitely postponed all public meetings and in-person events. Public engagement remains a top priority for our project team and we appreciate you joining us online to learn more about this project and provide input on the project development within the study area.

This photo was taken during another Ameren project open house before COVID-19.

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Submitted Questions

Thank you to everyone who submitted questions prior to the meeting!

Our project team will answer and address those during the Q&A portion of today's presentation.

Presenters

Jim Jontry
Ameren Project Manager

Gabe Goldsmith
Ameren Stakeholder Relations

Dan Schmidt
Routing Consultant

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Ameren Support Project Staff

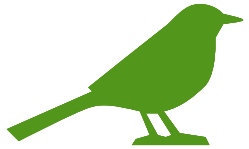
Carmen Bruns
Transmission Line Design Engineering

Ross Hohlt
Consulting Engineer Transmission Policy

Matt Killebrew
Transmission Construction Manager

Mary Hetz
Transmission Vegetation Management Manager

Craig Hiser
Transmission Real Estate Supervisor



Kenny Lynn
Consulting Environmental Scientist

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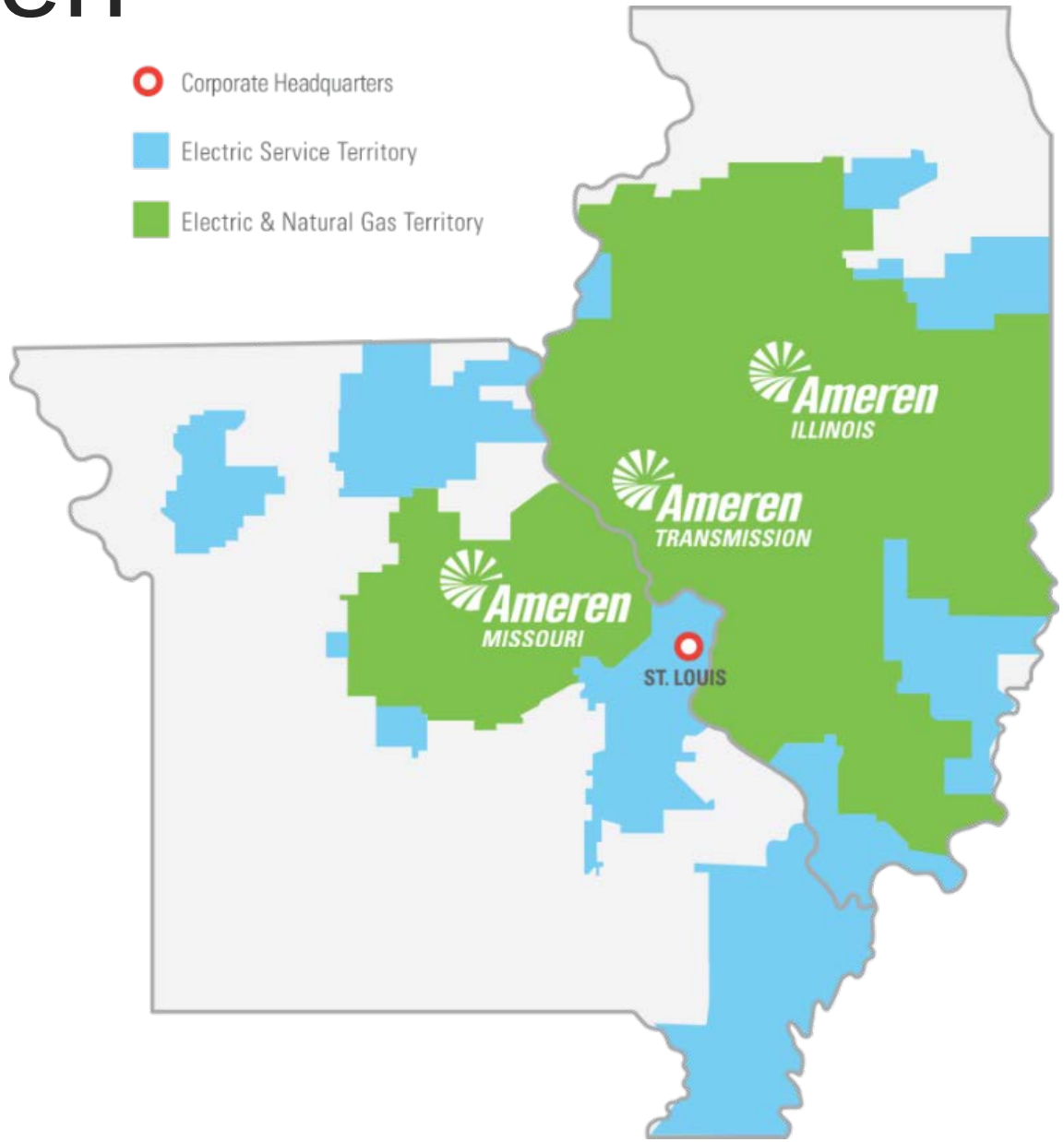
Transmission at Ameren

- Electric transmission businesses (including ATXI) rate regulated by Federal Energy Regulatory Commission
- Operates over 8,200 circuit miles of transmission
- ATXI develops regional transmission projects



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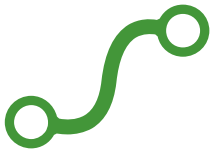
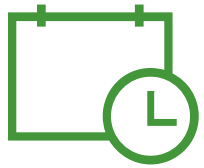
Limestone Ridge Project

Proposing to construct a new, approximately 12-19 mile 138 kV transmission line and associated facilities in Southeast Missouri.



The new line is planned to connect a new substation in Perry County to a new substation in Cape Girardeau County.



The project is proposed to be in service by December 2023.

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Project Partners

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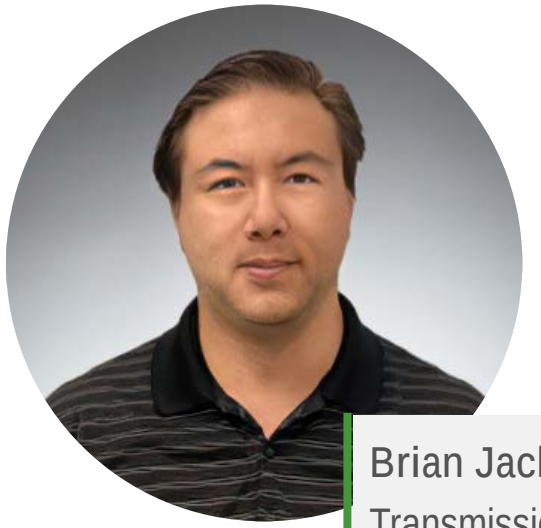

Brian Jack
Transmission Line Design Engineer

Citizens Electric Corporation
A Touchstone Energy® Cooperative

Steve Elsea
Member Services Manager

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Wabash Support Project Staff

Roger Varney
Real Estate Manager

Greg Knuckles
Construction Manager

Garret Coffman
Consulting Design Engineer

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Wabash Valley Power Alliance

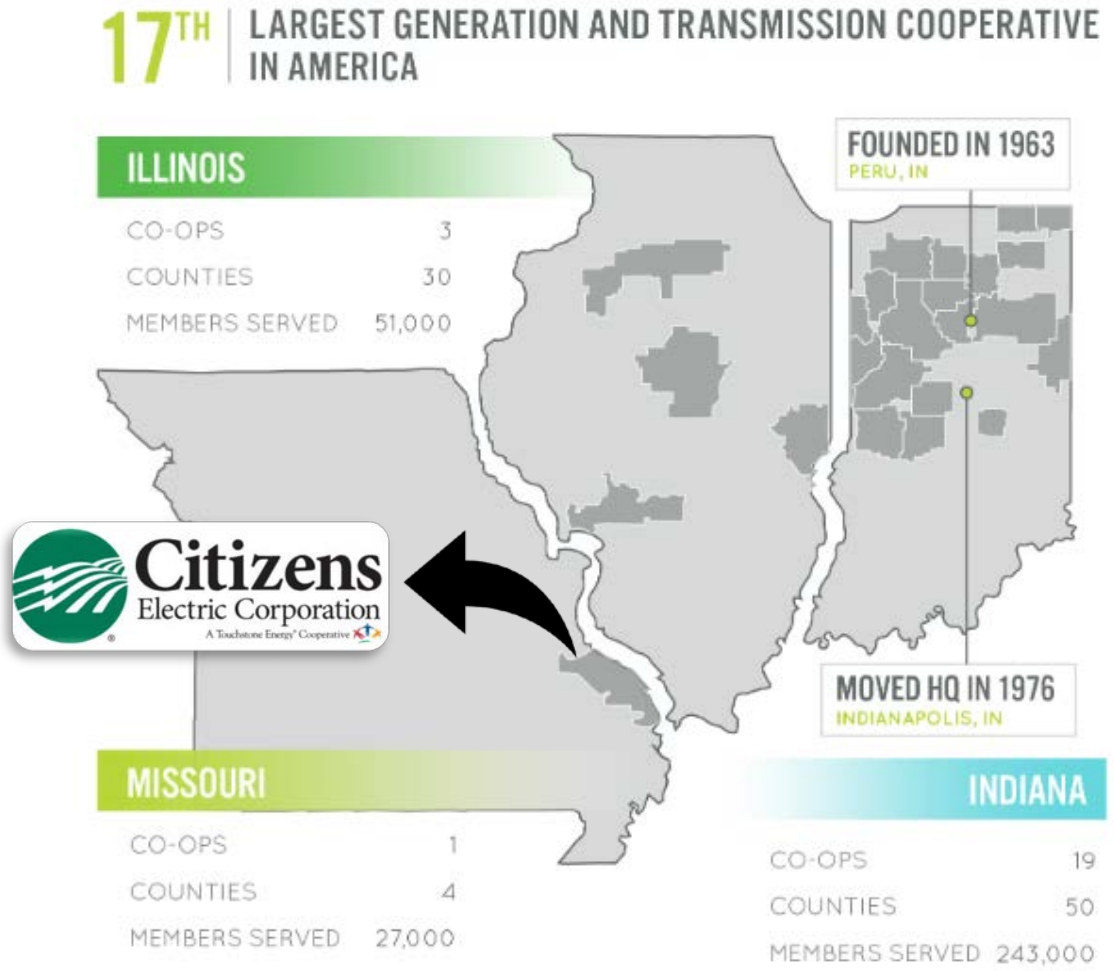
WABASH VALLEY POWER IS A NOT-FOR-PROFIT ELECTRIC COOPERATIVE AND WHOLESALE PROVIDER OF ELECTRICITY TO OUR MEMBERS:

23
LOCALLY OWNED DISTRIBUTION CO-OPS

SERVING MORE THAN
321,000
HOMES, SCHOOLS, FARMS, & BUSINESSES

300,000 RESIDENTIAL MEMBERS (93%)

21,000 COMMERCIAL AND INDUSTRIAL MEMBERS (7%)



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Wabash Valley Power Alliance

- Proposing to construct a new 138kV substation owned by Wabash Valley Power Alliance, which will be maintained and operated by Citizens Electric Corporation.
- Expansion and modifications to two existing WVPA-owned substations also maintained and operated by CEC.
- The project is proposed to be in service by December 2023.

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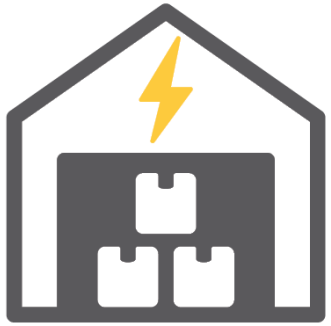
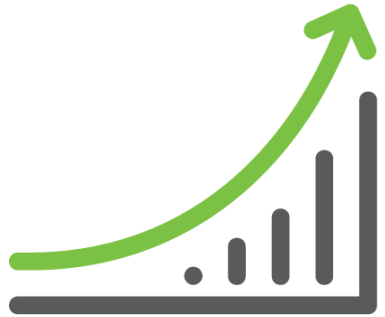
Project Need

- Improve energy reliability for local homes and businesses



- Provide additional energy support to local manufacturing facilities



- Support continued area economic growth

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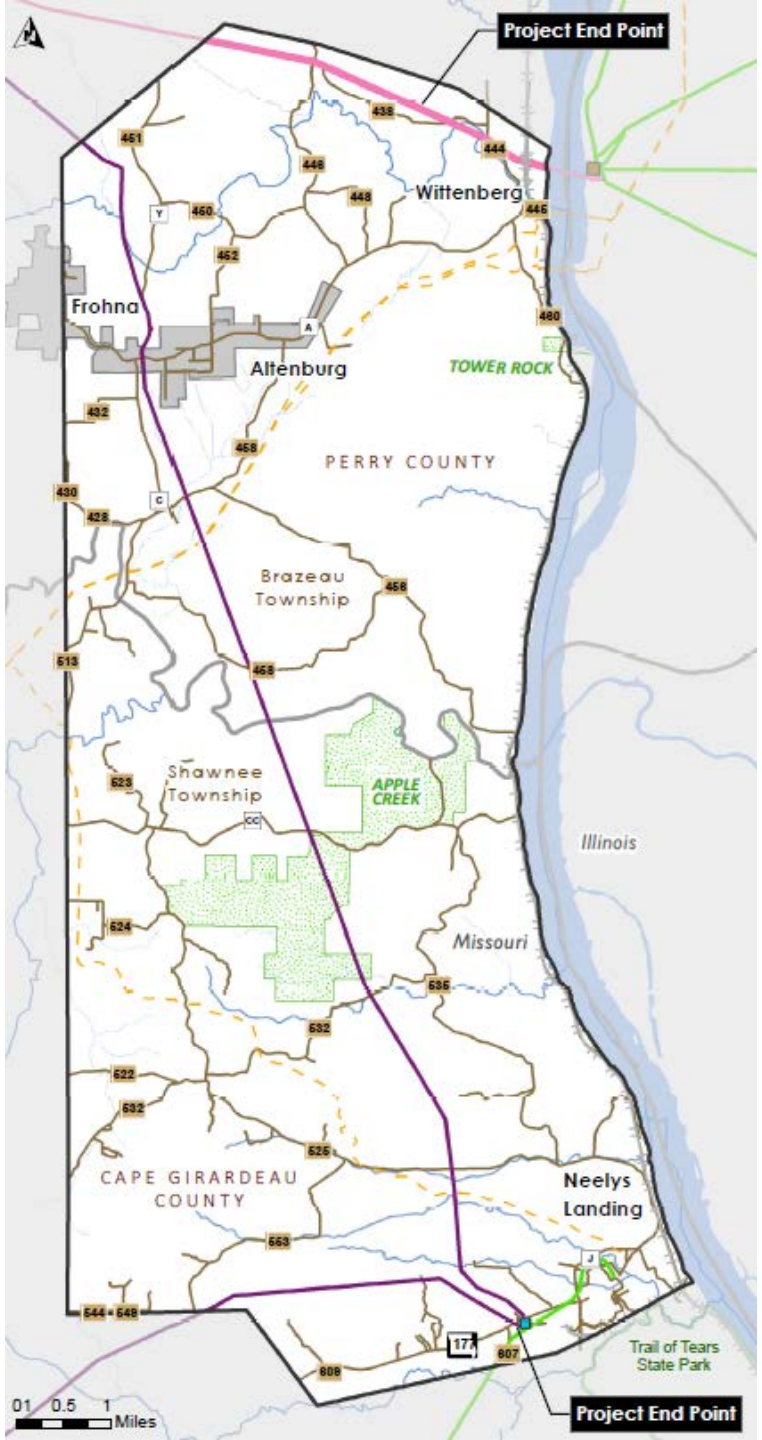
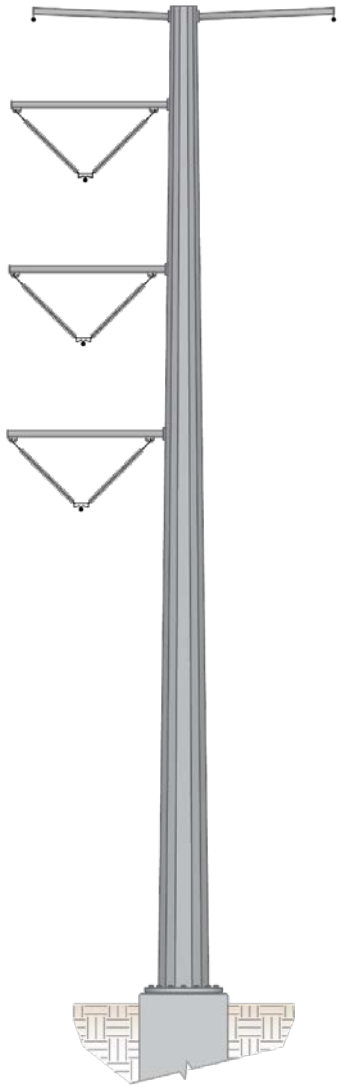
Study Area


Project End Point
Wittenberg
Frohna
Altenburg
TOWER ROCK
PERRY COUNTY
Brazeau Township
Shawnee Township
APPLE CREEK
Illinois
Missouri
CAPE GIRARDEAU COUNTY
Neelys Landing
Trail of Tears State Park
Project End Point
0 0.5 1 Miles

Structures



Typical 138kV Steel Monopole Structures*

- Height: 100 - 160 ft
- Span: 800 - 1,000 ft
- Structures/mile: 6 - 7
- Conductor clearance: 25 ft (minimum)
- Drilled pier foundation: 7 - 12 ft
- Easement width: 125 ft

*138kV with the potential of a future 345kV circuit

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Anticipated Schedule

2020

- Collect data
- Gather public input
- Develop routes

2021

- Engineering & permitting
- File Certificate with PSC
- PSC review process

2022

- Engineering & permitting
- Field surveys
- Real estate acquisitions
- Preconstruction activities

2023

- Construction
- Project in-service (December)

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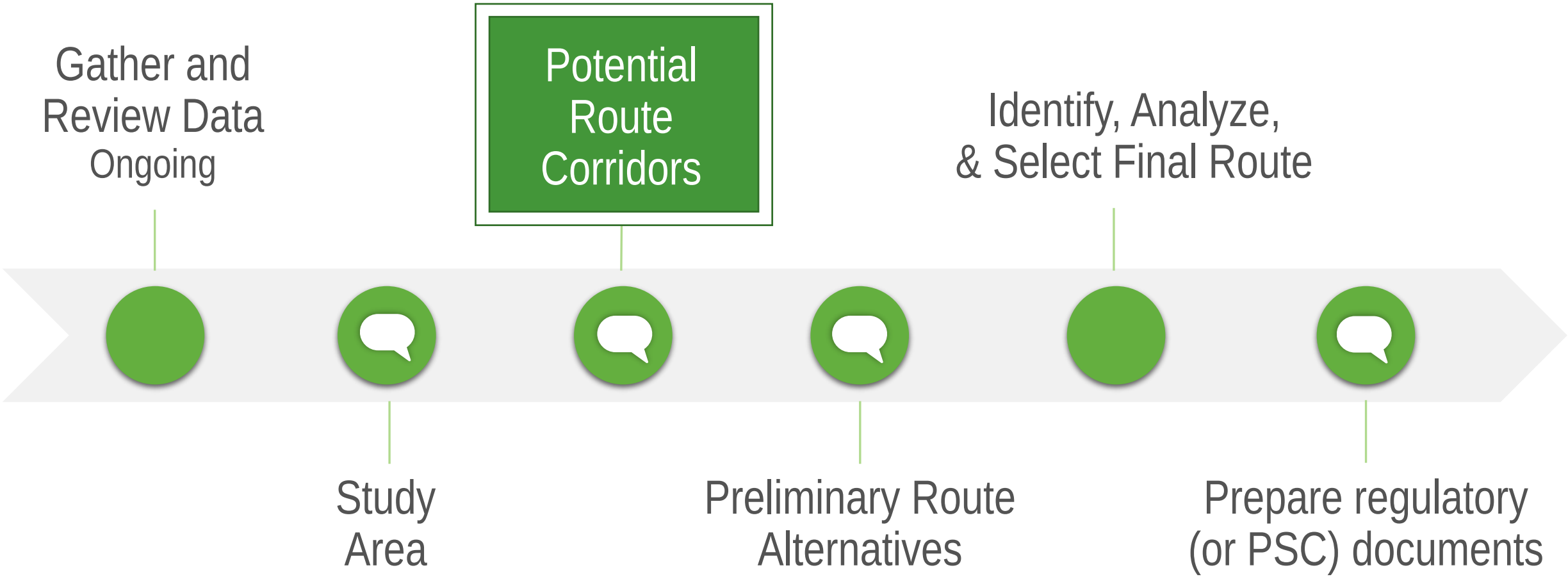
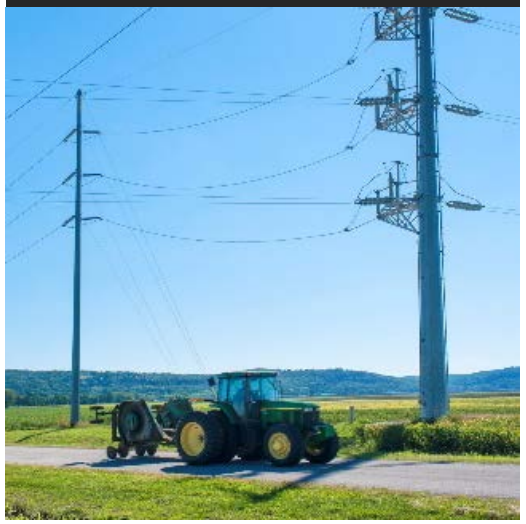
Routing Process & Stakeholder Outreach



Routing Criteria

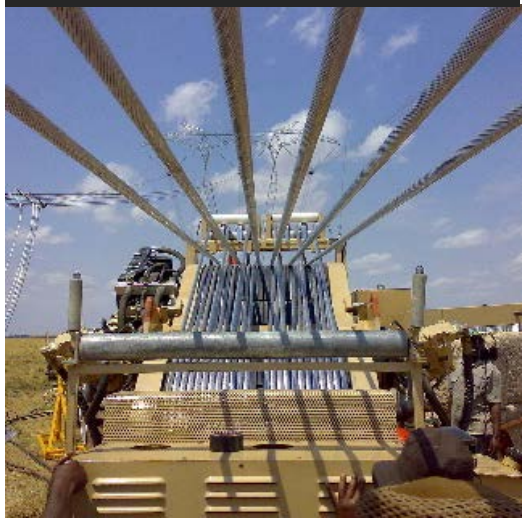
> **Our goal is to** take advantage of Opportunities while understanding and minimizing impacts to Sensitivities and adhering to Technical Guidelines and Statutory Requirements.

Opportunities



Sensitivities

Technical Guidelines



Statutory Requirements

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Routing Criteria

OPPORTUNITIES

- Field Lines
- Property Lines
- Section Lines
- Roads
- Utility Corridors

SENSITIVITIES

- Agricultural conflicts
- Airports/VOR
- Cemeteries
- Communication Towers
- Conservation Areas
- Planned Development
- Floodplains
- Forest
- Hospitals
- Karst Areas
- Levees
- Mines/Quarries
- Nature Preserves
- Pipelines*
- Railroads*
- Religious Facilities
- Residences
- Scenic Highways
- Schools/Daycares
- Streams/Wetlands
- Wells

*Linear features with additional precautions and studies needed

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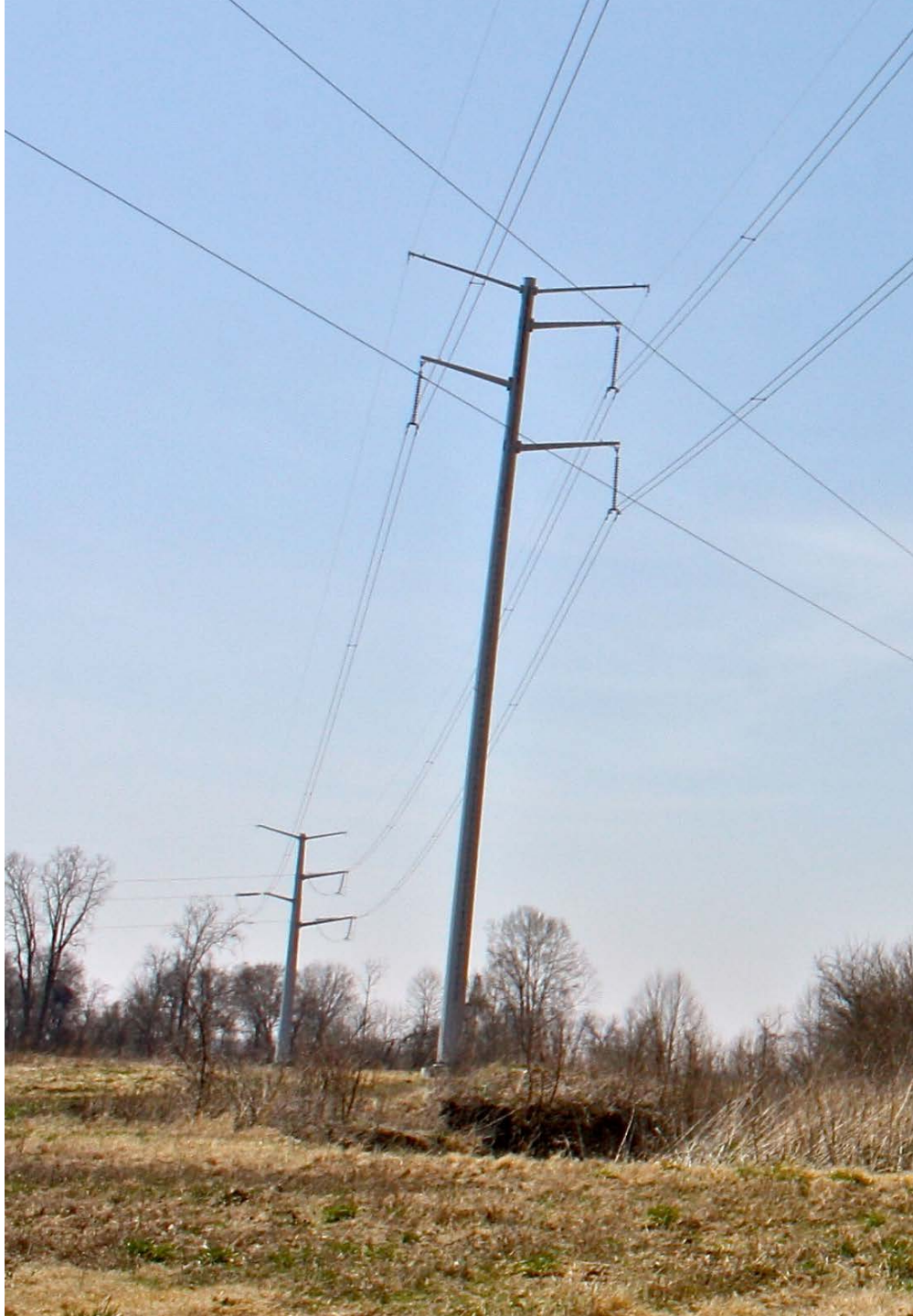
Routing Criteria

Technical Guidelines:

- Minimize length
- Ensure adequate access for construction and maintenance activities
- Comply with horizontal and vertical clearance requirements
- Maintain required or sufficient setbacks from roads and highways
- Minimize angle structures
- Minimize crossing of existing transmission lines
- Minimize impractical construction requirements (e.g. steep slopes)
- Minimize non-standard designs
- Ensure safety and compatibility with existing infrastructure



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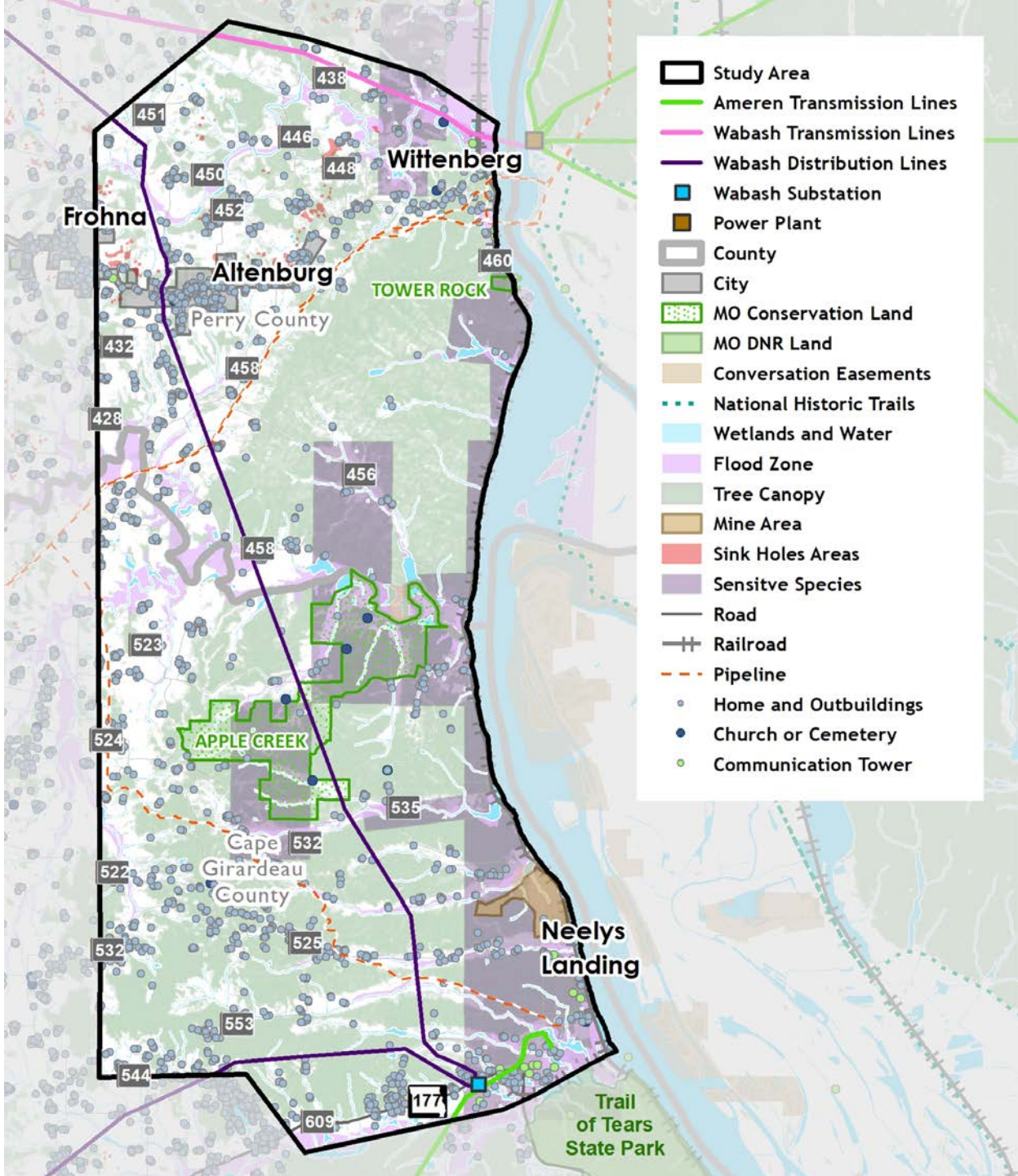
Routing Criteria

Agency Coordination:

Initial Opportunities & Sensitivities

- Structures
- Resources Areas
- Sensitive Species
- Floodplain/Wetlands
- Forested Areas
- Steep slope

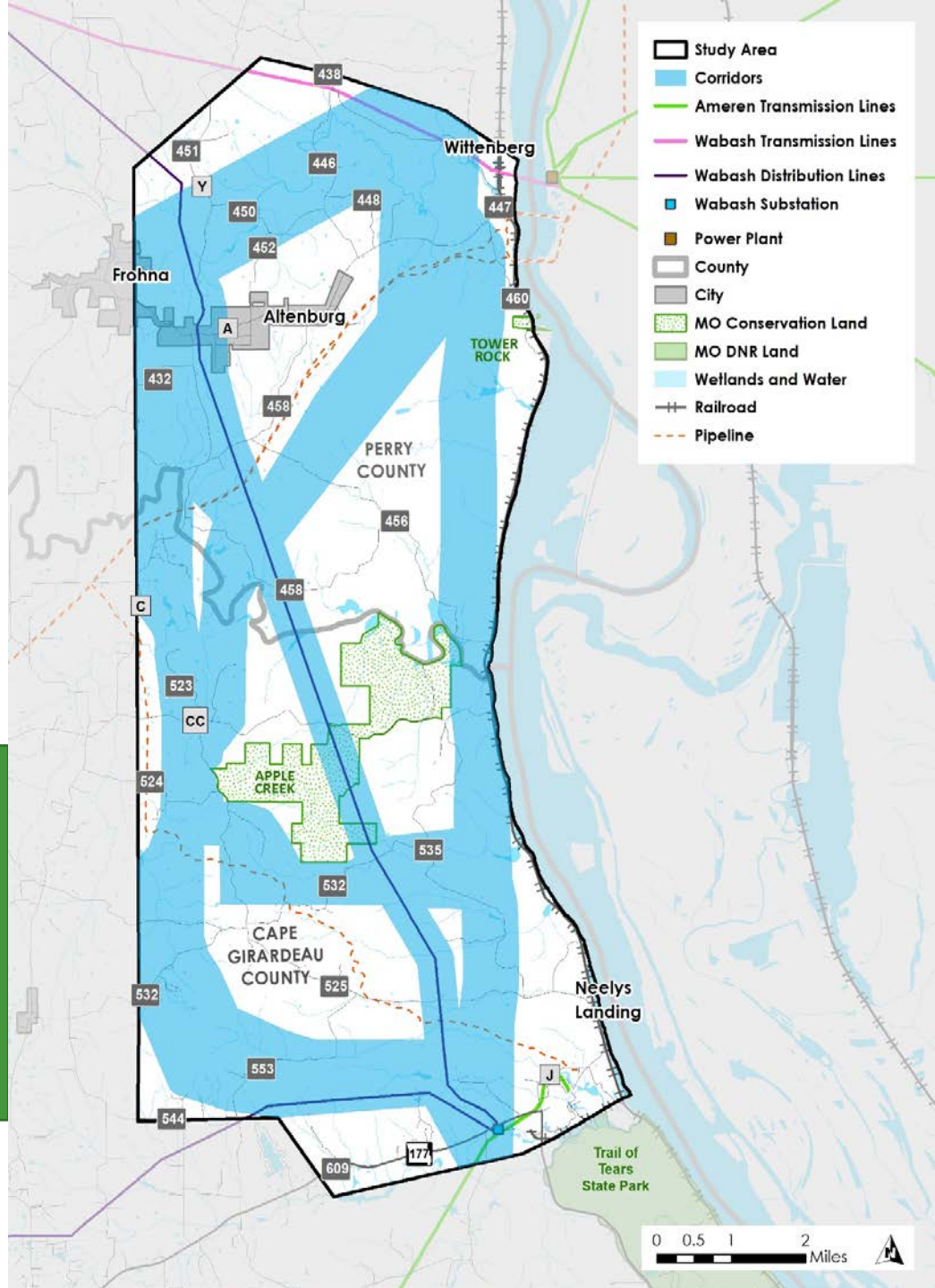


Potential Route Corridors

- Maximize Opportunities
- Minimize Sensitivities
- Follow Technical Guidelines
- Adhere to Statutory and Regulatory Requirements

Public Input Opportunity!

Share comments on Potential Route Corridors to help the routing team define Preliminary Routes Developed within these Corridors.



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Real Estate

Once a final route has been approved, Ameren will begin negotiations for acquiring easements.

Easement Discussions

Project representatives will meet with affected landowners to discuss:

- Land surveys and studies
- Proposed easement
- Type(s) of structures
- Compensation
- Property restoration
- Damage settlements
- Right-of-way clearing

What is an easement?

An easement is an interest or right to use the land of another for a specific purpose. Ameren and our partners will be seeking to obtain easements from affected landowners for the construction, operation, and maintenance of the electric transmission line.

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Preconstruction Activities

Field Surveys

The field data we collect allows our scientists and engineers to plan and design the line with the information necessary for construction.

Wildlife Surveys

Wildlife surveys provide important data about the species living in the area, helping us plan how to minimize impacts to wildlife species and habitat.

Wetland and Stream Surveys

The purpose of the surveys is to determine if these features can be classified as a wetland or a stream based on U.S. Army Corps of Engineers guidelines. The crew will collect data on vegetation, hydrology and soil characteristics.

Archaeological Surveys

Archaeological surveys consist of walking the easement area to look for cultural artifacts on the ground. If artifacts are found, they are collected for further analysis.

Soil Surveys

The design process requires information about the soil where the structure will be located. Collecting soil information is completed using the following steps by our geotechnical field survey crews:

- Gather samples from each site by digging a 4-6 inch wide hole into the ground, known as a soil boring. Soil boring areas will be filled back in after the survey.
- Review samples to determine the physical properties and layering of the soil.
- Use soil information to design each structure.

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Construction Phases

A one-year construction season is anticipated in 2023. There will be six major stages of construction including:

Survey structure locations

Auger holes and pour foundation

Assemble structure on the ground

Lift and place structure on foundation

String wires

Restore easement and energize line

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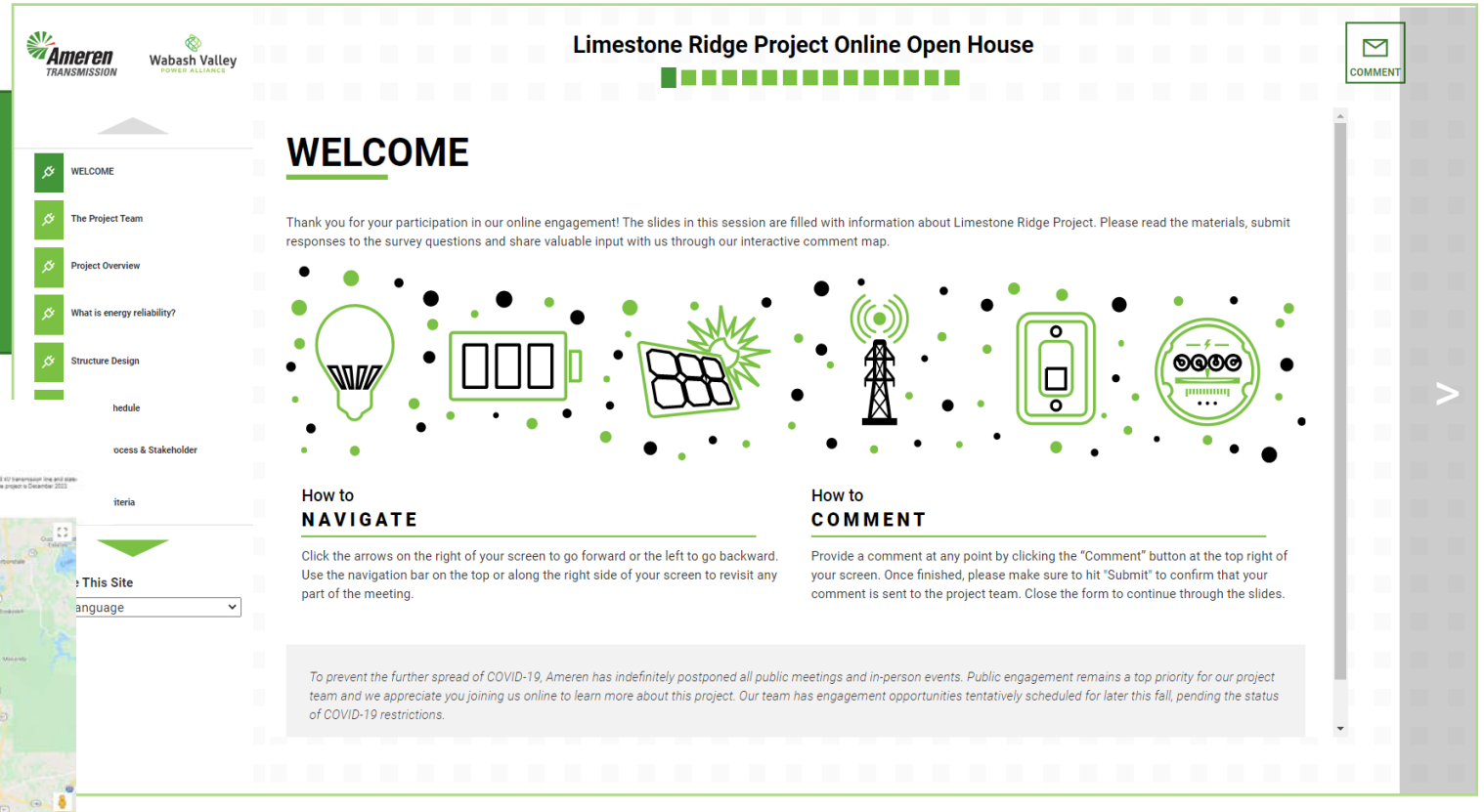
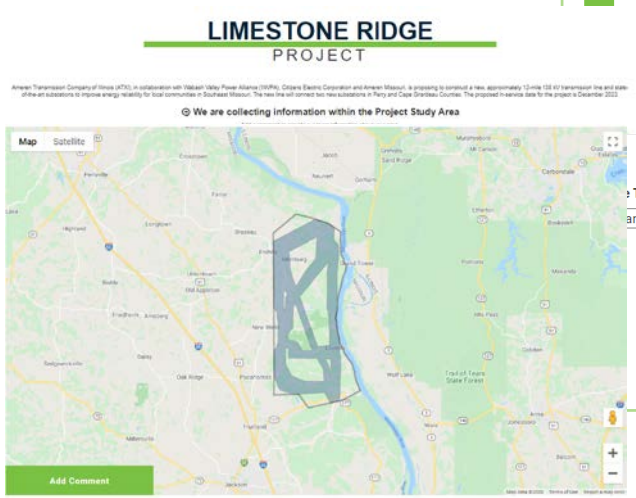
We want to hear from you!

ANSWER THE POLL QUESTIONS ON THE RIGHT SIDE OF YOUR SCREEN TO TELL US MORE ABOUT YOUR COMMUNITY

Engagement Opportunities: Virtual Open House and Comment Map

Visit our website:
Limestoneridgeproject.com





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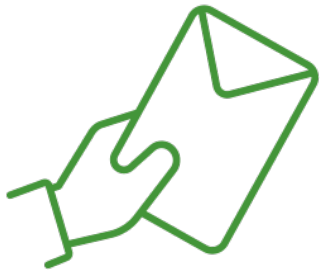
Engagement Opportunities: Information Packets



Each packet includes:

- Project overview handout
- 11x17 Corridors Map
- Comment form
- Routing criteria input

Pick up a packet:

Citizens Electric Corporation
A Touchstone Energy® Cooperative

1500 Rand Avenue
Perryville, MO 63775
Monday-Friday between 7:30am-5:00pm from August 10 – August 24

Request a mailed packet:

Call Us 573.232.3003 and leave a message

Email Us
limestoneridgeproject@ameren.com

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COMMENTS ON THE ROUTE CORRIDORS WILL BE COLLECTED THROUGH AUGUST 24

Next Steps

Engagement opportunities are anticipated later this fall. Visit our project website and sign up to receive email updates on engagement opportunities!

Ongoing
Identify, Analyze, and Select Final Route

- We collect data from federal, state and local agencies, stakeholders, public comments and publicly-available data sources.

April – June 2020
Study Area

- Formation of the Routing Team
- Development of Routing Criteria and identification of project parameters
- Identification of Study Area
- Review of publicly available information
- Virtual Community Representative Forums (June 23 and June 24)

★ July - August 2020
Route Corridors

- Evaluation of stakeholder input
- Development of Route Corridors
- Phase 1 Public Engagement – present potential route corridors (we are here!)

September – October 2020
Preliminary Route Alternatives

- Evaluate input received from first phase of public engagement
- Development of Route Alternatives
- Phase 2 Public Engagement – present preliminary route alternatives (early Fall 2020)

Late Fall 2020
Identify, Analyze, and Select Final Route

- Evaluate input received from second phase of public engagement
- Develop a final route

Early 2021
Prepare regulatory (or PSC) documents

- Once the regulatory documents are submitted, an official review process begins.

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More Opportunities to Connect

LimestoneRidgeProject@ameren.com

LimestoneRidgeProject.com

573.232.3003

Limestone Ridge Project
45 S Minnesota
Cape Girardeau, MO 63703

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QUESTIONS?


LEAVE US A NOTE IN THE
CHAT BOX TO SCHEDULE A
FOLLOW-UP MEETING WITH A
PROJECT TEAM MEMBER

LimestoneRidgeProject@ameren.com

LimestoneRidgeProject.com

573.232.3003

Limestone Ridge Project
45 S Minnesota
Cape Girardeau, MO 63703

THANK YOU