Hello!

The Limestone Ridge Project Virtual Webex Meeting will begin shortly.

Please call 573.232.3003 if you are having issues hearing any audio or seeing the screen.

Ameren TRANSMISSION

Wabash Valley POWER ALLIANCE

Citizens Electric Corporation

Welcome to the Limestone Ridge Project Virtual Public Meeting

January 21, 2021
12:00 p.m.

Phase 3: Preferred Route Options

This meeting will be recorded for project team input

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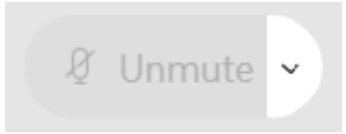
Wabash Valley POWER ALLIANCE

Citizens Electric Corporation
A Touchstone Energy® Cooperative

Welcome to Webex



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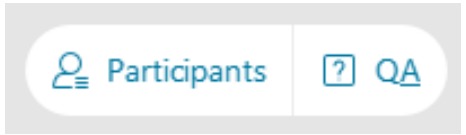

Please use the QA (lower right hand corner of the screen) to type in comments or questions throughout the session. Questions will be answered after the presentation during the Q & A session.

If you experience any technical difficulties, please call 573.232.3003

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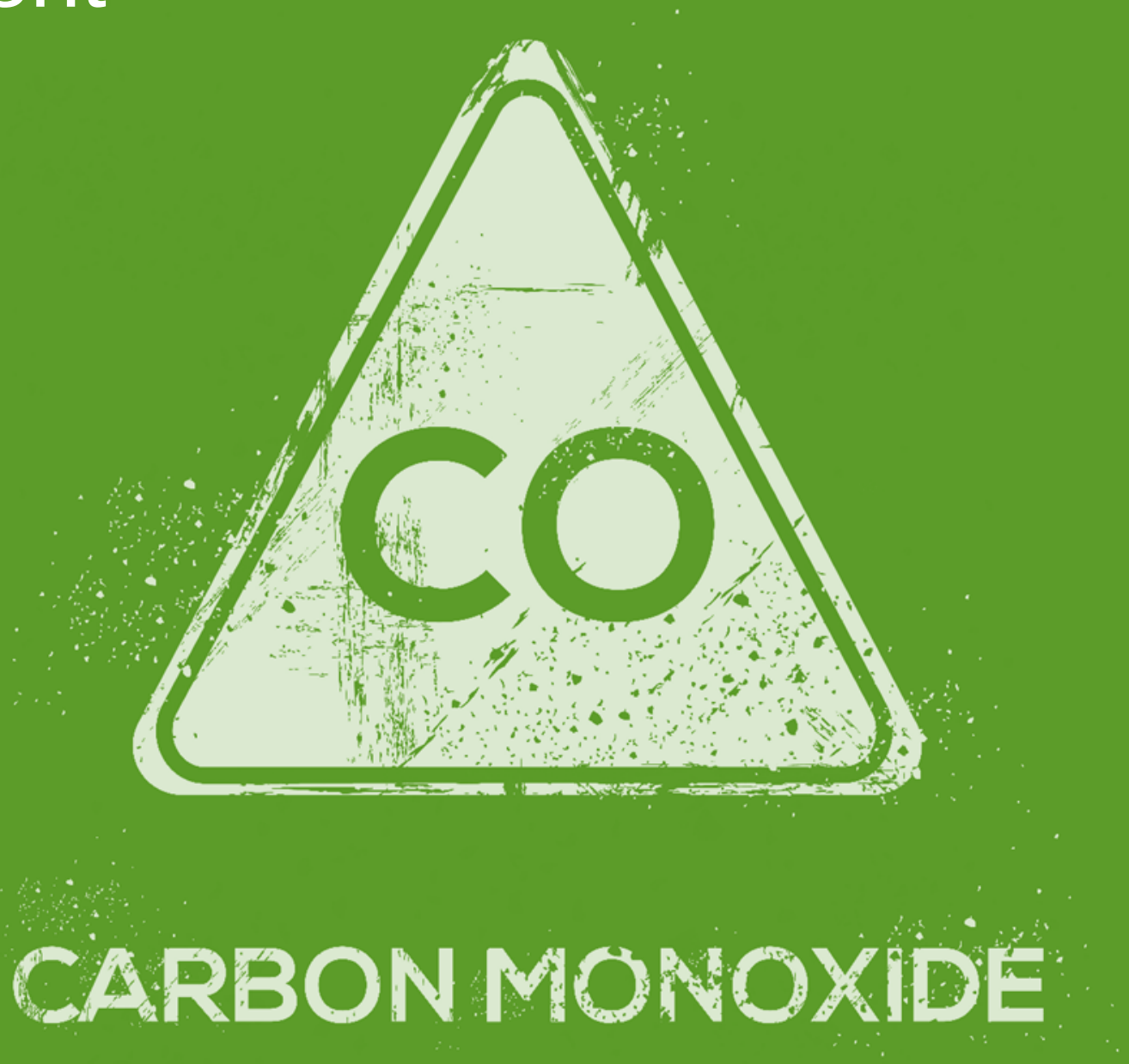
Safety Moment



Agenda

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

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Citizens Electric Corporation

OPEN HOUSE & COVID-19

Due to Perry and Cape Girardeau Counties' current COVID-19 risk level and based upon the state of Missouri's community guidance, we are taking action to keep you and our staff safe and healthy and slow the spread of COVID-19. Similar to our previous phases of engagement, we're providing various no-contact, engagement opportunities to learn more about the project, connect with the project team and provide input on the Preferred Route Options.

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

Route Alternatives Engagement

Thank you to everyone who attended our meetings and connected with our project team in October 2020.

All input received during the phase 1 engagement of Proposed Route Corridors in August 2020 and phase 2 engagement of Preliminary Route Alternatives in October 2020 was reviewed and considered during the Preferred Route Options.

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Presenters

Jim Jontry
Ameren Project Manager

Gabe Goldsmith
Ameren Stakeholder Relations

Dan Schmidt
Routing Consultant

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Citizens Electric Corporation

Ameren Support Project Staff

Carmen Bruns
Transmission Line Design Engineering

Matt Killebrew
Transmission Construction Manager

Craig Hiser
Transmission Real Estate Supervisor

Ralph Thurman
Transmission Vegetation Management

Kenny Lynn
Principal Environmental Scientist

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Citizens Electric Corporation

Limestone Ridge Project

Ameren Transmission is proposing to construct a new, approximately 15-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 proposed by Wabash Valley Power Alliance.

Our goal is to have this project completed and bringing project benefits to the community by 2023.

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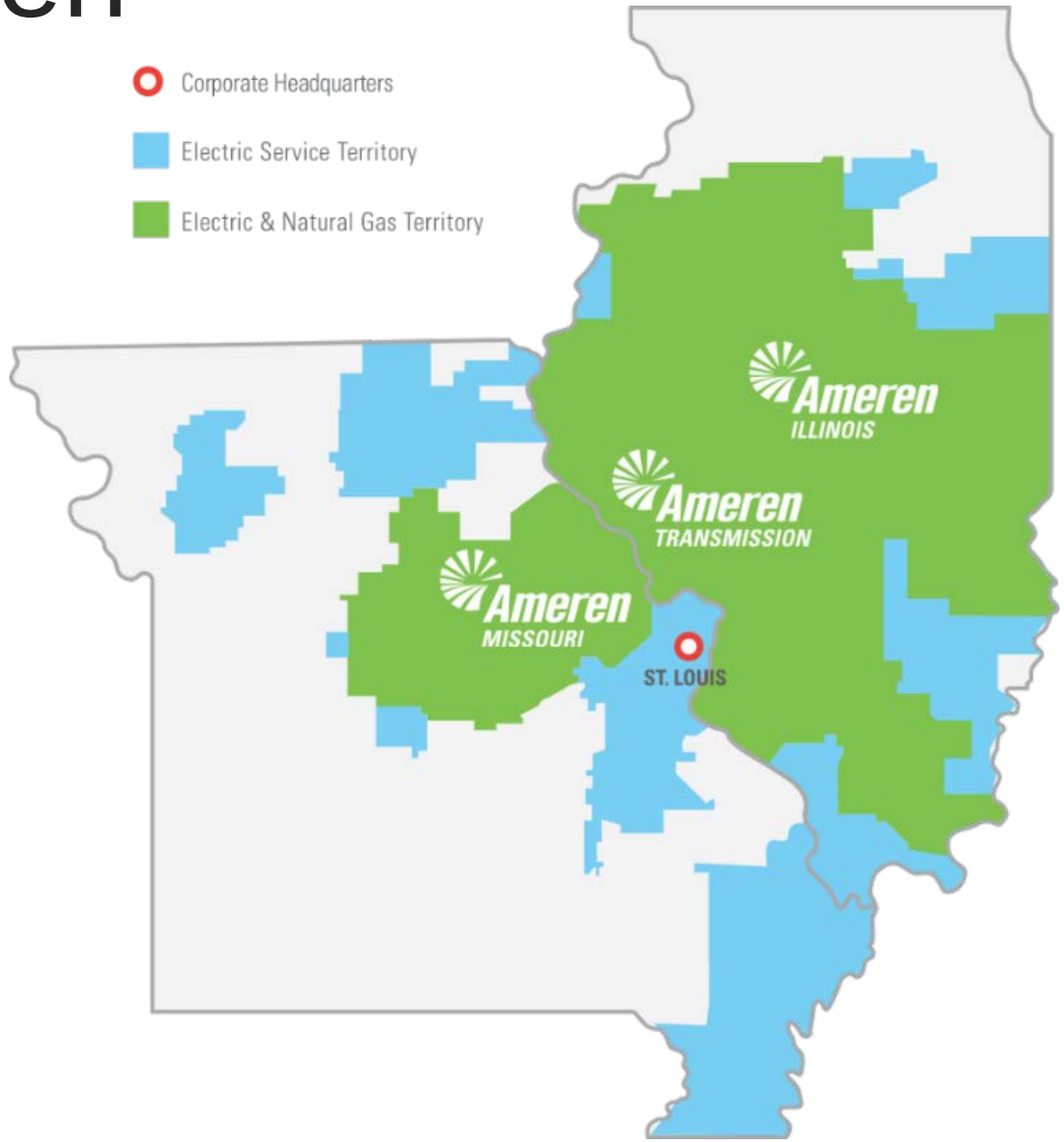
Transmission at Ameren

- 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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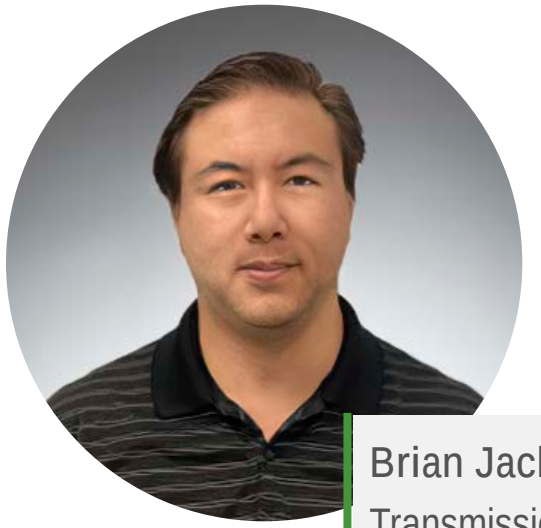
Project Partners

Wabash Valley POWER ALLIANCE



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

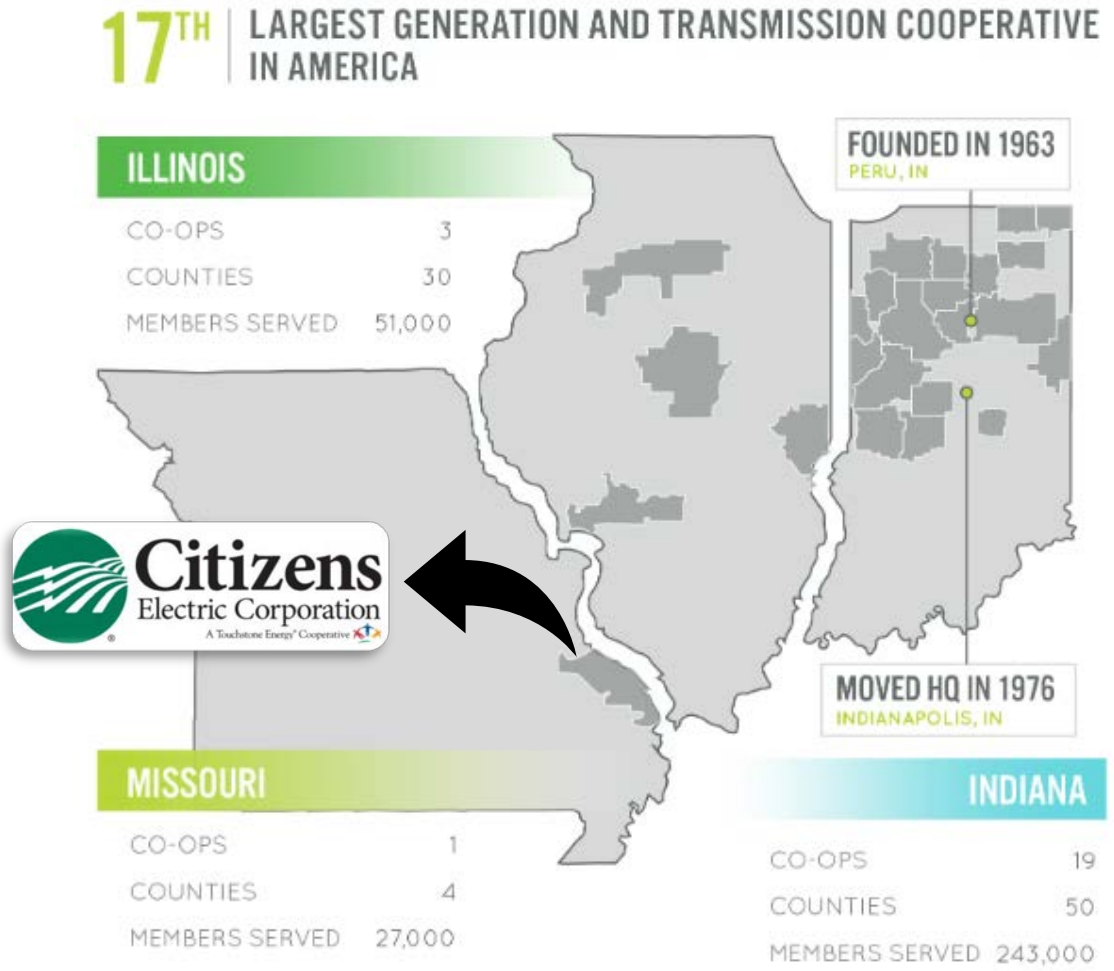
WABASH VALLEY POWER IS A NOT-FOR-PROFIT ELECTRIC COOPERATIVE AND WHOLESALE PROVIDER OF ELECTRICITY TO OUR MEMBERS:

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 Partnership

Ameren TRANSMISSION

Construct, operate and maintain a new 15-mile 138 kV transmission line

Wabash Valley POWER ALLIANCE

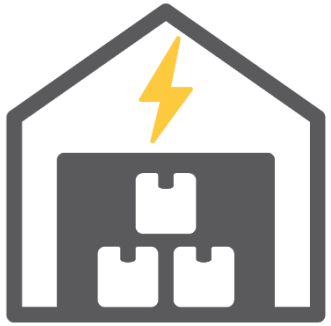
Construct one new substation in Perry County and new substations in Cape Girardeau County

Citizens Electric Corporation
A Touchstone Energy® Cooperative

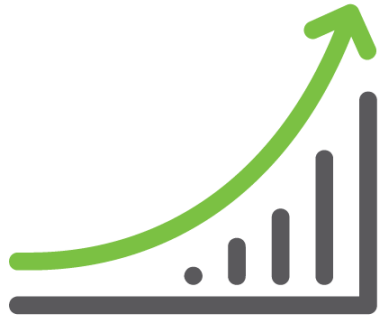
Receives power supply from Wabash Valley Power Alliance

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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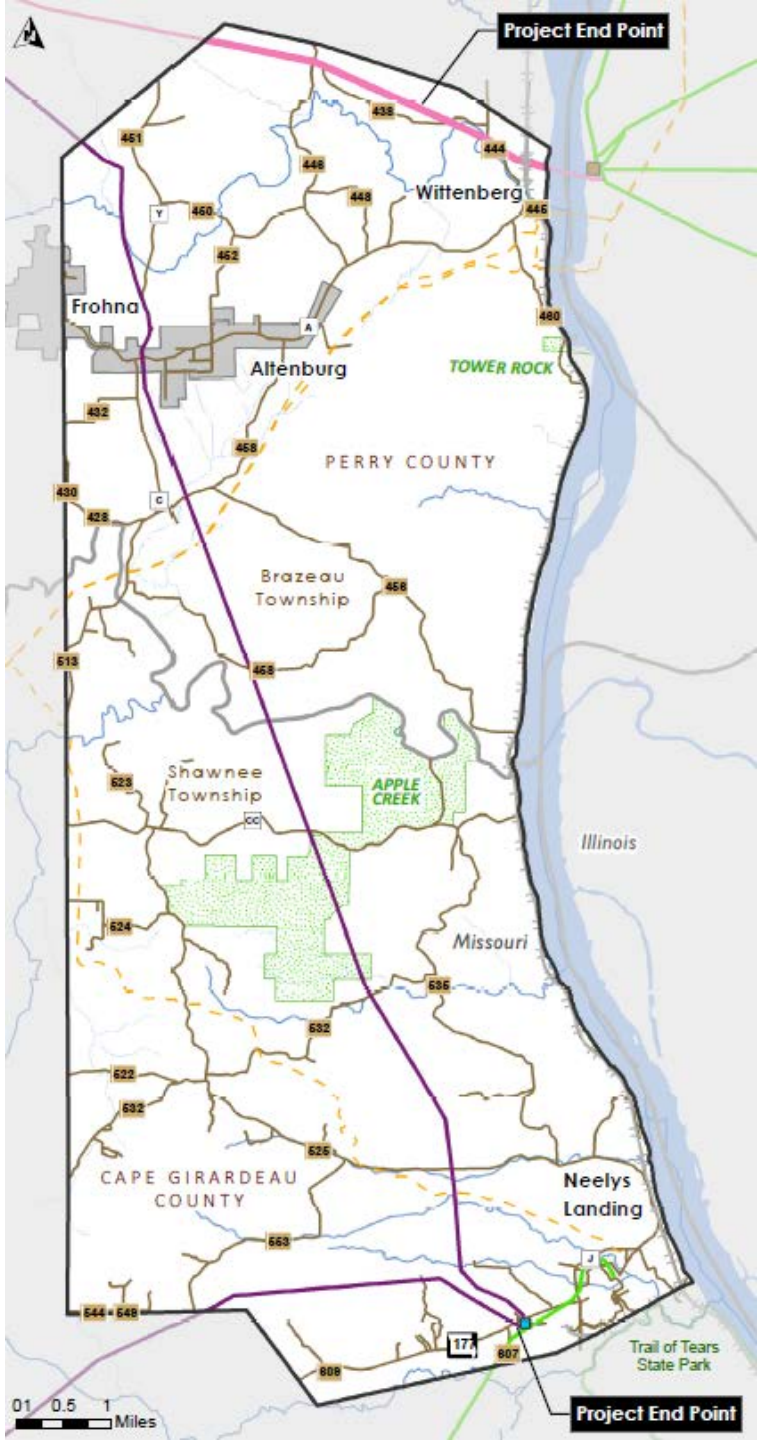
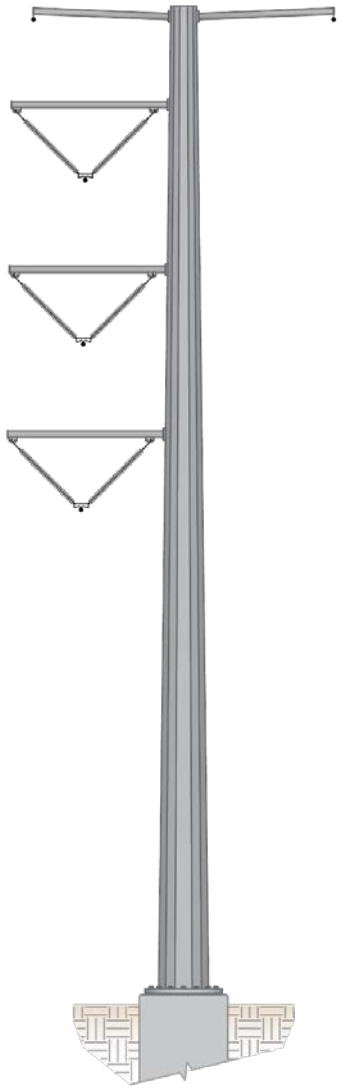
Study Area


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

Benefits of galvanized steel monopoles:

- Compact footprint compared to H-frame and lattice tower
- Simple and quick construction
- Galvanized layer protects steel from corrosion
- Engineered to optimize performance



Typical 138kV Steel Monopole Structures*

- Height: 100 - 160 ft
- Span: 800 - 1,000 ft
- Structures/mile: 6 - 7
- Conductor clearance: 25 ft (minimum)
- Drilled concrete pier foundation: 7 - 12 ft diameter
- Easement width: 125 ft
- Above-ground foundation: 2 ft

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

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Anticipated Schedule

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 (see next slide) 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

September – October 2020
Preliminary Route Alternatives

- Evaluate input received from first phase of public engagement
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★ November 2020 – February 2021
Identify, Analyze and Select Final Route

- Evaluate input received from second phase of public engagement
- Phase 3 Public Engagement – present Preferred Route Options

February 2021 - FINAL ROUTE DETERMINED

March 2021
Prepare regulatory (or PSC) documents

- Once the Missouri Public Service Commission documents are submitted, an official review process begins.

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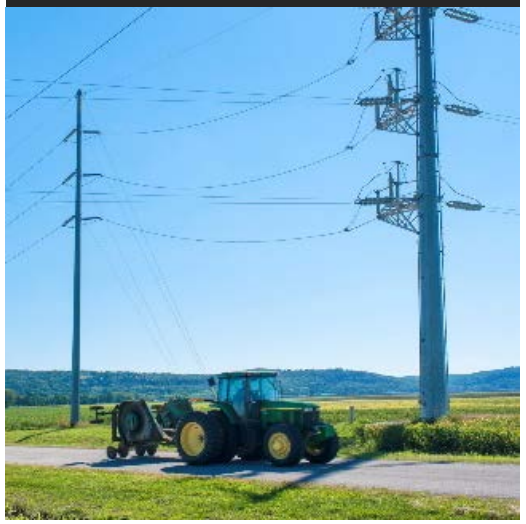
Routing Criteria

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

Linear features that are oriented in the direction of the project:

- Field lines
- Property lines
- Section lines
- Roads
- Utility corridors

SENSITIVITIES

Area resources or conditions that can potentially limit transmission line development:

- Agricultural conflicts
- Airports/VOR
- Cemeteries
- Communication Towers
- Conservation Areas/Nature Preserves
- Cultural Resources
- Planned Development (future)
- Floodplains (more difficult construction and many times have sensitive species)
- Forest
- Hospitals
- Karst Areas
- Levees
- Mines/Quarries
- Pipelines*
- Railroads*
- Religious Facilities
- Residences (especially large clusters of homes)
- Scenic Highway
- Schools/Daycares
- Streams/Wetlands
- Wells

**Linear features with additional precautions and studies needed*

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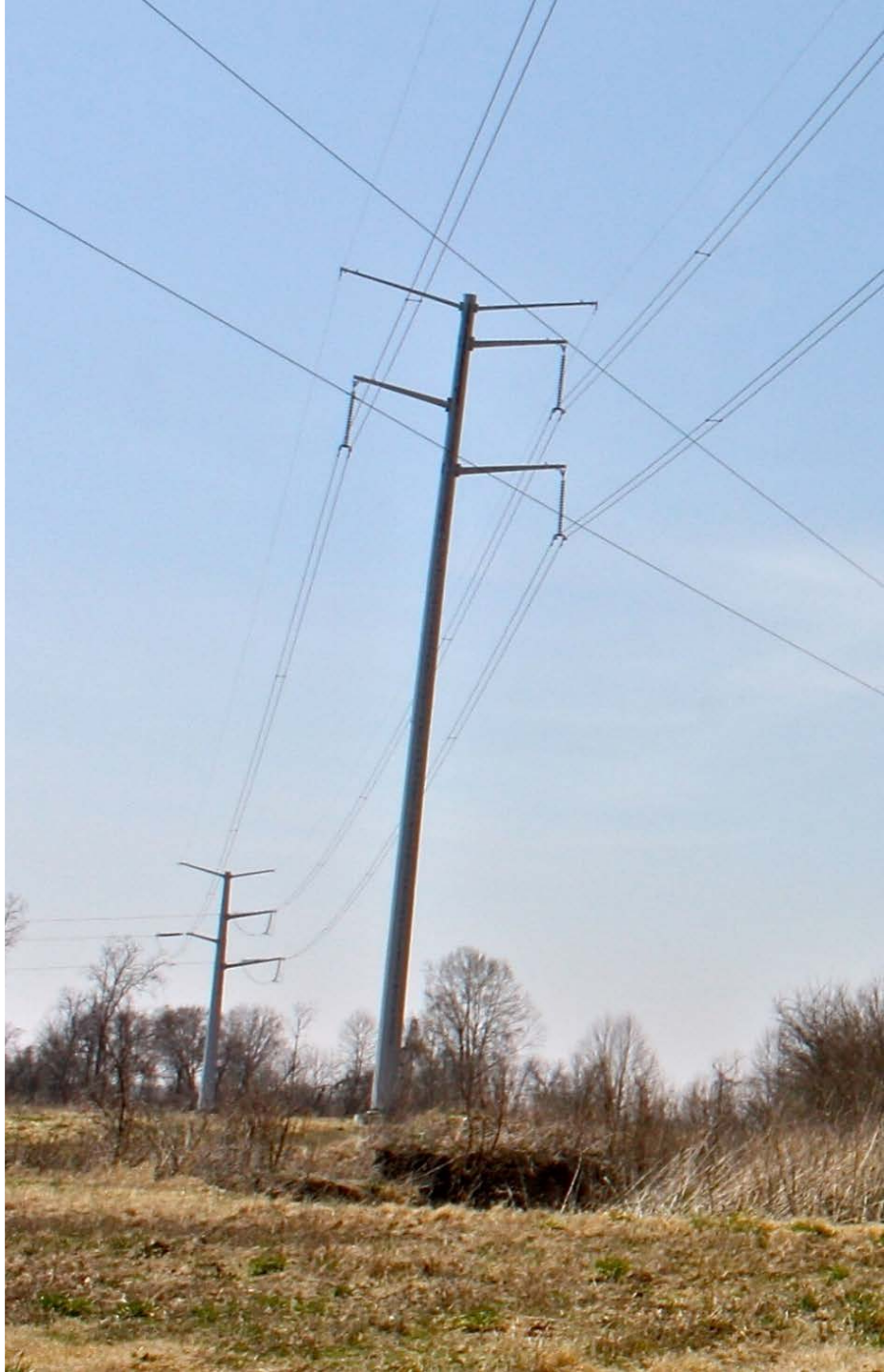
Routing Criteria

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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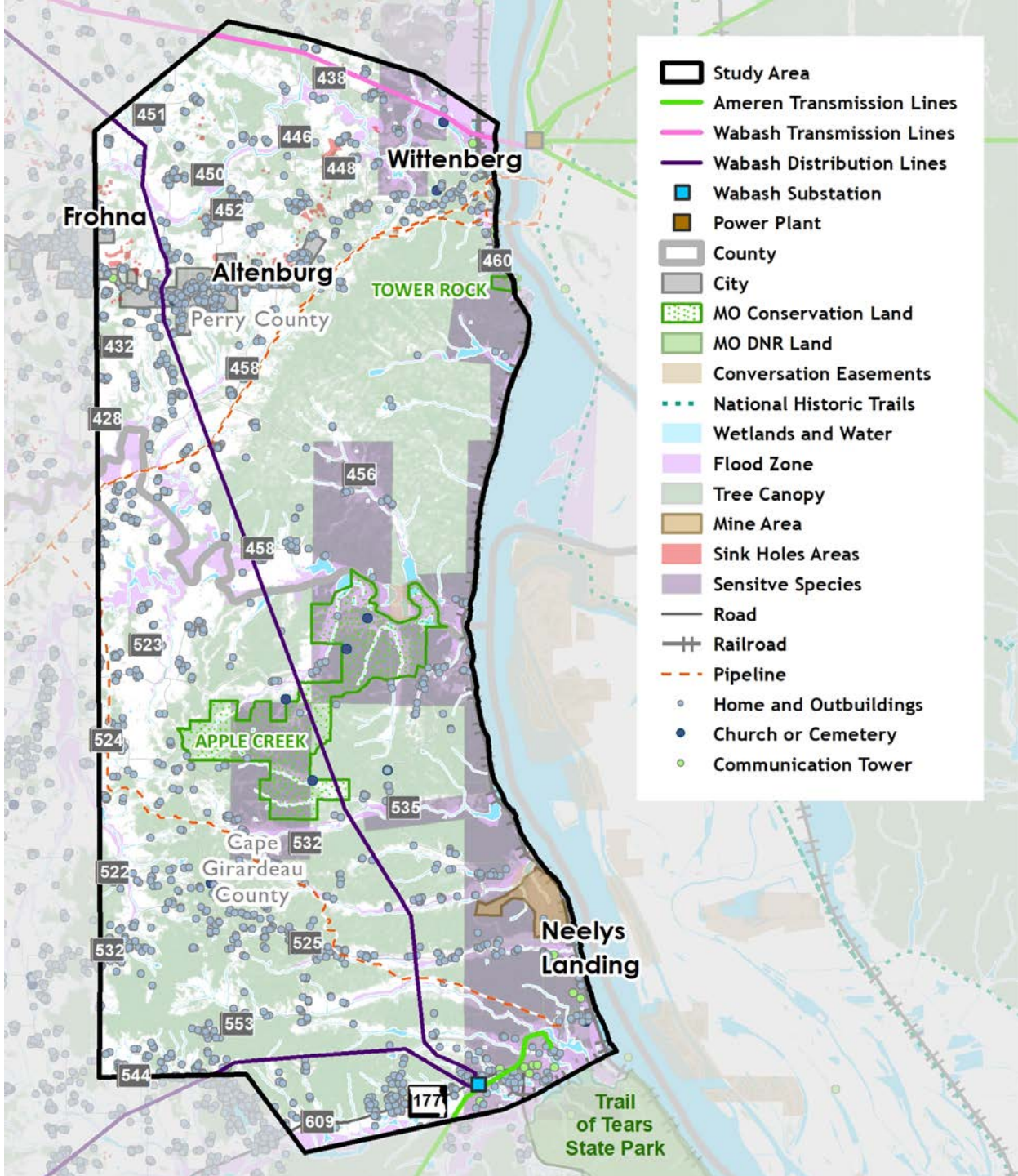
Routing Criteria

Agency Coordination:

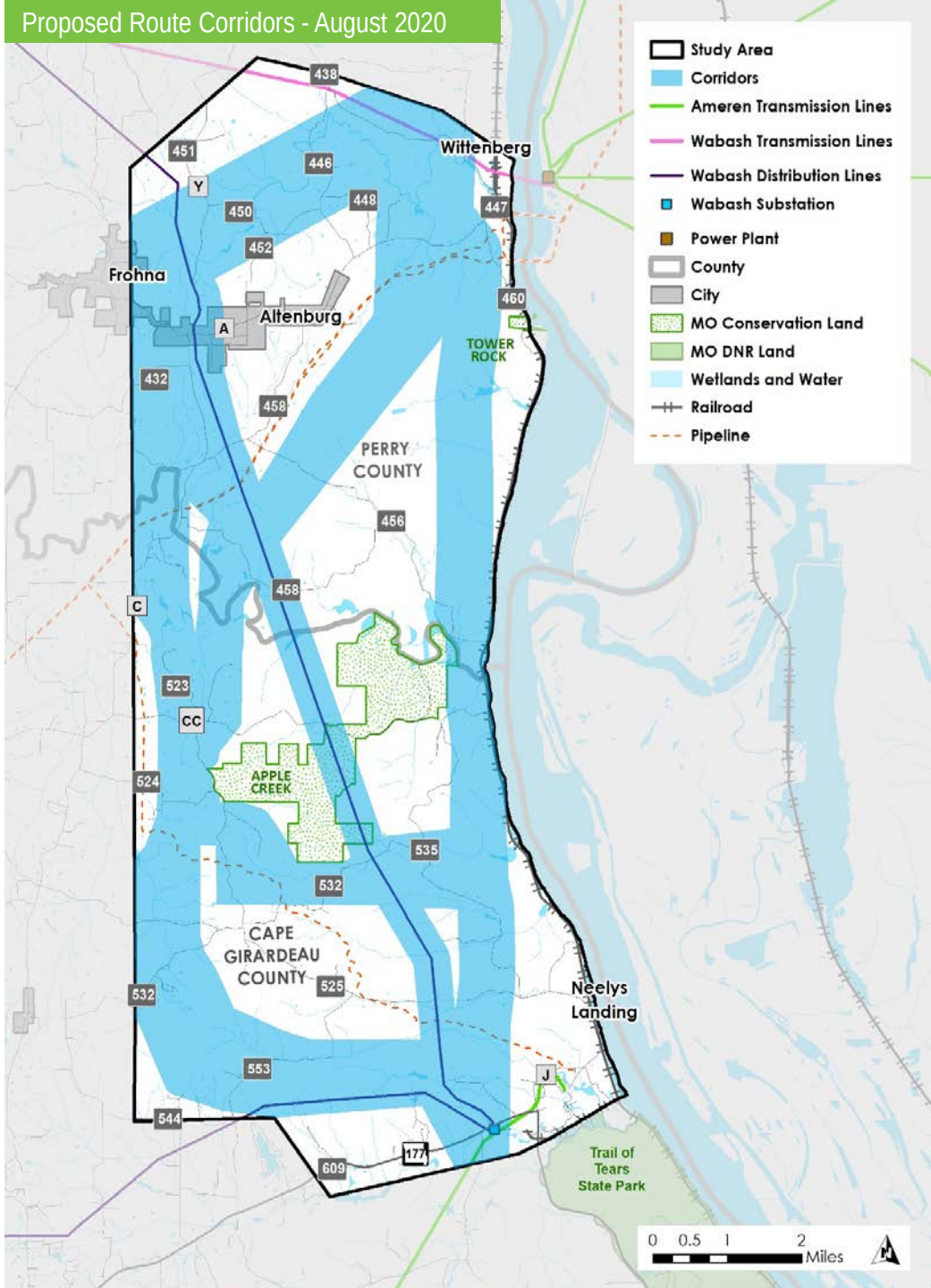
Initial Opportunities & Sensitivities

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



Proposed Route Corridors

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



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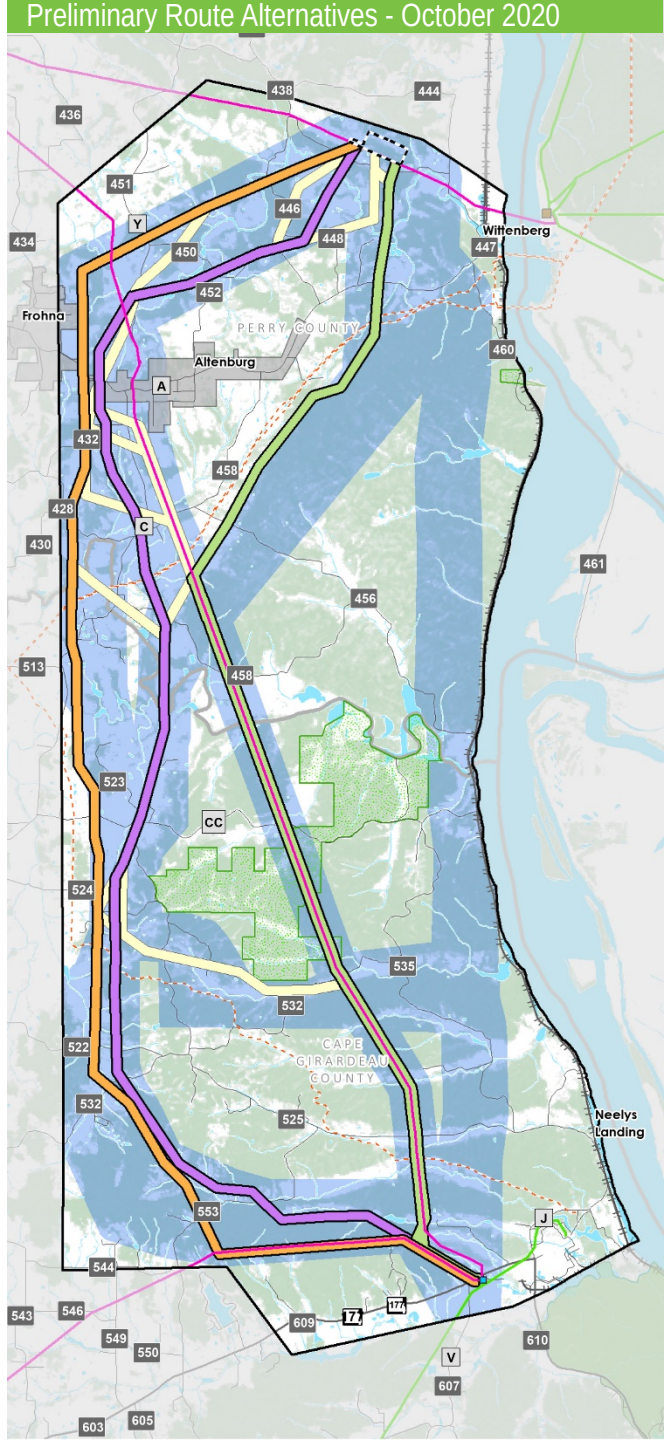
Preliminary Route Alternatives

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

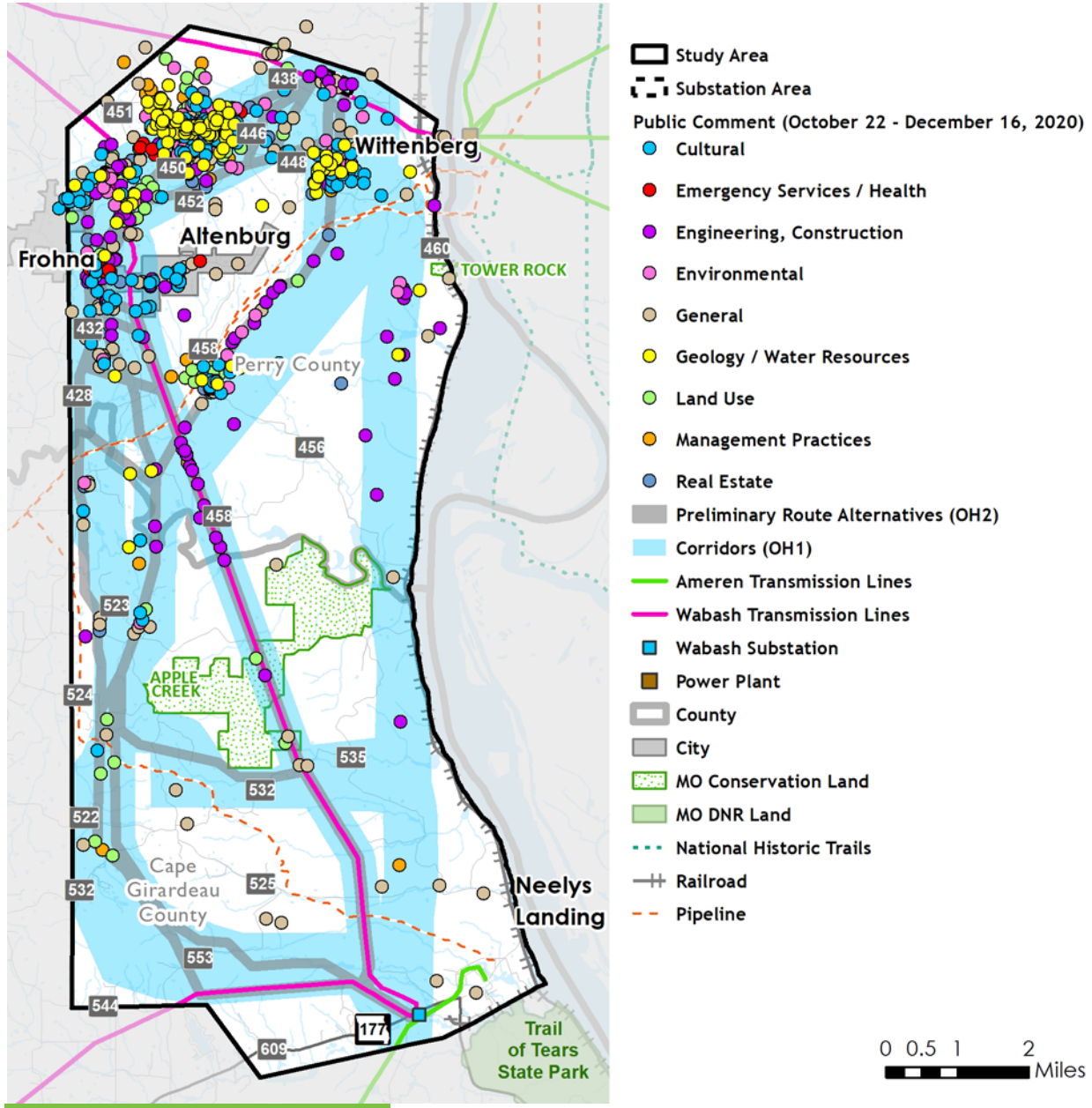


What We Heard

We appreciate the active participation and input community members have provided during the phase 1 engagement of the Proposed Route Corridors in August 2020 and the phase 2 engagement of the Preliminary Route Alternatives in October 2020. All input received was reviewed and considered during the development of the Preferred Route Options.

In general, most comments from phase 2 fit into the following categories:

- Aesthetics
- General
- Engineering and construction
- Agriculture
- Geology and water resources
- Environmental



Phase 2 Engagement Input
October 22 – December 16, 2020

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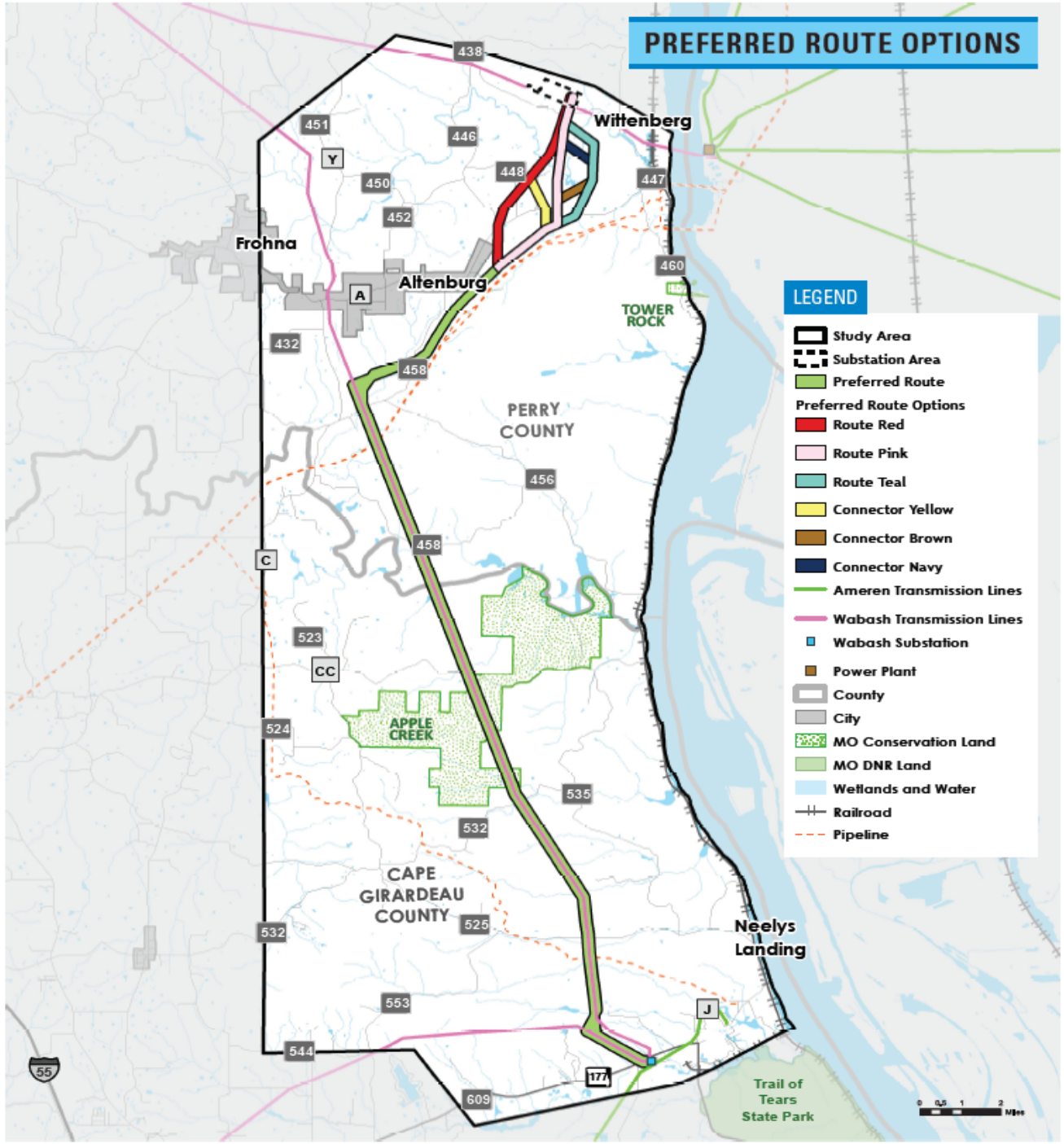
Preferred Route Options

- Developed based on continued analysis, input from stakeholders and community members
- Maximize Opportunities
- Minimize Sensitivities
- Follow Technical Guidelines
- Adhere to Statutory and Regulatory Requirements

Public Input Opportunity!

VISIT OUR WEBSITE TO VIEW AND ADD A COMMENT TO OUR ONLINE PROJECT MAP.



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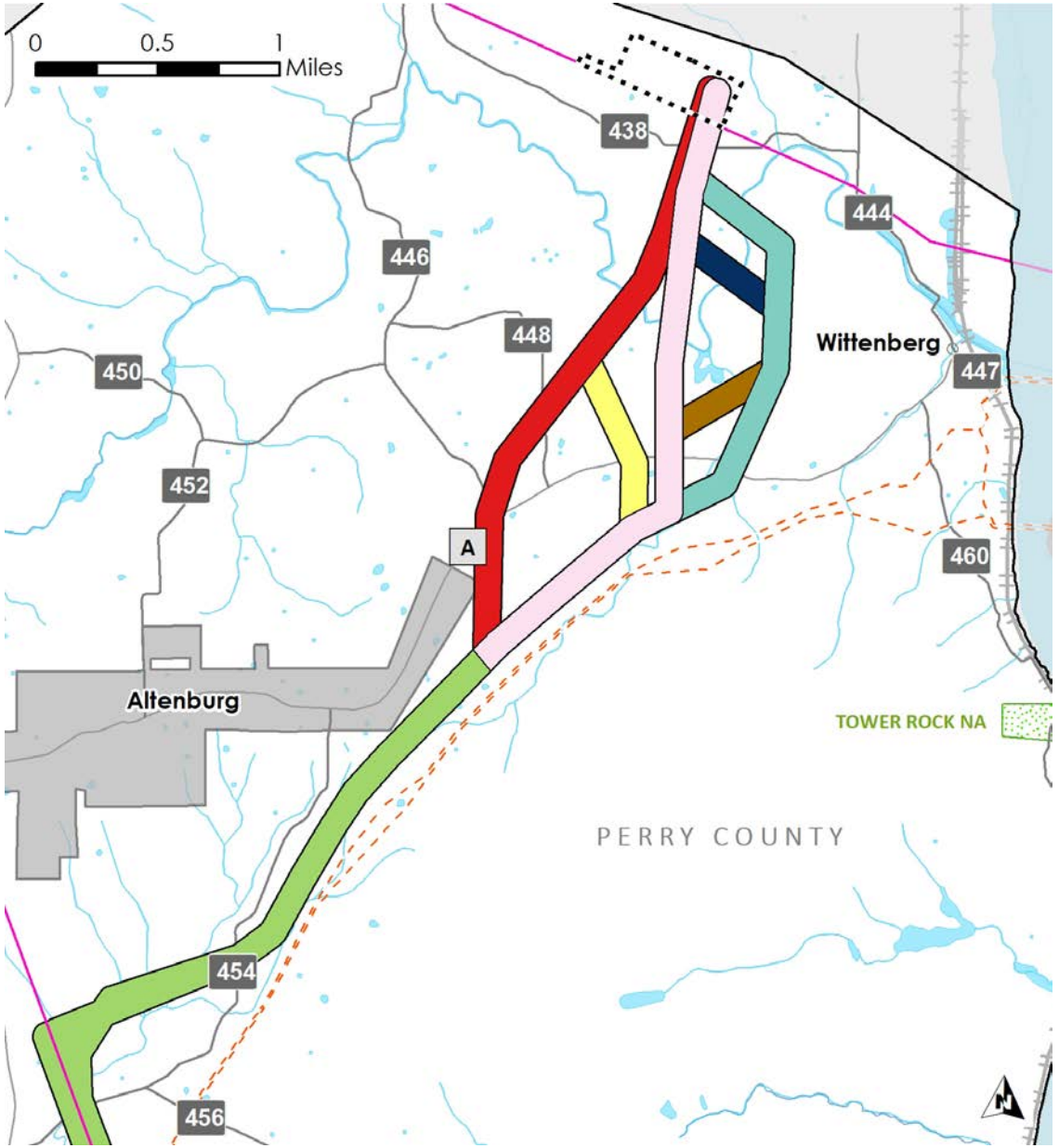
Connectors

There are a number of different Connectors that allow for the combination of different route options.

- Red Route
- Pink Route
- Teal Route
- Yellow Connector
- Brown Connector
- Navy Connector



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 and vegetation clearing

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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Construction of the transmission line occurs in phases and will not be constant on a landowner's property for a full year.

Engagement Opportunities

Receive a Detailed Information Packet

- Pick up Monday-Friday between 7:30am-5pm at Citizens Electric Corporation, 1500 Rand Avenue, Perryville MO 63775
- Request a mailed packet by emailing or calling the project hotline with your preferred mailing address
- Download and print a packet from our virtual open house

Telephone Public Meeting tonight at 6pm!

- Call: 855.756.7520, Extension: 70581# on a land line telephone or cell phone
- If you would like the telephone public meeting to call you, registration is available on the project website
- There will be a brief presentation followed by a Q&A with the project team

Schedule a call with the project team to discuss your property

- Call or email the project team to setup a time that works with your schedule

Visit the Virtual Open House

- Available through our website at limestoneridgeproject.com

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COMMENTS ON THE PREFERRED ROUTE OPTIONS WILL BE COLLECTED THROUGH FEBRUARY 1.

Next Steps

We anticipate submitting a final route to the Missouri Public Service Commission in March 2021.

Visit our project website and sign up to receive project email updates.

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

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More Opportunities to Connect

LimestoneRidgeProject@ameren.com

LimestoneRidgeProject.com

573.232.3003

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Citizens Electric Corporation


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

THANK YOU