



GRAND TOWER CROSSING PROJECT
PUBLIC ENGAGEMENT SUMMARY
PART 5: AGENCY COORDINATION

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Part 5. Agency Coordination

A. Number of Invitations to and Attendees from Federal and State Agencies

Number of Email Invitations Sent to Agencies

Agency	Number of Recipients Invited
US Army Corps of Engineers	4
US Fish and Wildlife Service	4
United States Environmental Protection Agency	2
Federal Aviation Administration	2
Missouri Department of Agriculture	1
Missouri Department of Natural Resources	1
Missouri Historic Preservation Office (MoDNR)	1
Missouri Department of Conservation	2
Illinois Department of Transportation	1
Illinois Department of Agriculture	1
Illinois Environmental Protection Agency	2
Illinois State Historic Preservation Office (IDNR)	3
Illinois Department of Natural Resources	6
TOTAL INVITEES	30

Number of Attendees at Each Virtual Meeting

Agency	January 7, 2025 Attendees	January 8, 2025 Attendees
US Army Corps of Engineers ^a	1	1
US Fish and Wildlife Service	0	1
Missouri Department of Agriculture	1	0
Missouri Historic Preservation Office (MoDNR)	0	1
Missouri Department of Conservation	1	0
Illinois State Historic Preservation Office (IDNR)	0	3
Illinois Department of Natural Resources	3	0
TOTAL ATTENDEES	6	6
a. On September 6, 2024, Ameren representatives held a regular meeting with U.S. Army Corps of Engineers representatives in which the logistics of the river crossing and required permits were discussed. Four U.S. Army Corps of Engineers representatives attended that meeting.		

B. Agency Coordination Virtual Meeting Email Invitation

From: Bell, Michael <Michael.Bell@hdrinc.com>
Sent on: Friday, December 6, 2024 9:54:45 PM
To: connect@grandtowercrossing.com
CC: Miller, Stephanie <SMiller6@ameren.com>; Bell, Michael <MBell4@ameren.com>; Paulek, Eric C <EPaulek@ameren.com>; Dettmers, Leah <LDettmers@ameren.com>; Schmidt, Dan <dan.schmidt@hdrinc.com>; Hochlan, Jessica <Jessica.Hochlan@hdrinc.com>; Baker, Insley <Insley.Baker@hdrinc.com>
Subject: [EXTERNAL] Ameren's Grand Tower Crossing Project - Virtual Agency Introduction Meeting
Attachments: 20241024_GrandTower_StudyArea_.pdf (915.03 KB)

EXTERNAL SENDER STOP.THINK.QUESTION.

Verify unexpected requests before opening links or attachments.

Greetings!

Ameren, in collaboration with Citizens Electric Corporation, is proposing the Grand Tower Crossing Project (Project) to improve energy reliability for local communities. This Project includes the construction of a new, approximately 4-mile, 138 kV transmission line to connect Citizens Electric's existing Wittenberg substation in Perry County, Missouri across the Mississippi River to a new Jenkins substation near Ameren Illinois' existing Grand Tower substation in Jackson County, Illinois. As part of the project, Ameren Illinois' Grand Tower substation will be retired. The goal is to have this new line in service and providing benefits to the local community by the end of 2028. A project area overview map is enclosed for your review.

Ameren believes early coordination with agencies is a valuable piece of project planning and is notifying your agency directly of their intent to host upcoming **Project Introduction and Coordination Virtual Meetings** to be held on **Tuesday, January 7, 2024 (10:00am)** and **Wednesday, January 8, 2024 (2:00pm)**. The purpose of these approximately 1.5 hour-long meetings is to provide each invited agency representative with an overview discussion of the project. It will also provide an opportunity to preview the project area and initiate discussions on possible environmental constraints, land use, consultation, and permitting needs that could arise.

This will also provide an opportunity to begin identifying the best permitting approach with each agency to make the process as smooth as possible for all involved in the reviews and authorizations expected to be required. **Note:** *the same information will be provided at each meeting; so, attendance to only one meeting is necessary.*

Please RSVP by Friday, December 20 by email at connect@grandtowercrossing.com. If you cannot make it to the meeting, please contact us and we can provide you with a copy of our presentation materials by mail or email. Please feel free to forward this invitation to a colleague if you are unable to attend or if they should also be in attendance. *Watch for an email from the project team on January 2, 2025 with Microsoft Teams links for each meeting.*

Thank you for your time and we look forward to connecting with each of you during the upcoming meetings.

Sincere Regards,

Michael Bell, PWS

Environmental Section Lead (St. Louis), Associate

HDR Engineering, Inc.

401 S. 18TH Street, Suite 300

St. Louis, MO 63103

D 314.425.8347 **M** 281.685.2206

Michael.Bell@HDRInc.com

hdrinc.com/follow-us

C. Recipients of Agency Coordination Invitations

<u>First Name</u>	<u>Last Name</u>	<u>Agency</u>	<u>Division/Region/District</u>	<u>Title</u>	<u>Street</u>	<u>Street 2</u>	<u>City</u>	<u>State</u>	<u>Zip</u>
Richard	Kula	FAA	Great Lakes Regional Airports Division	Manager, Planning and Programming Branch	2300 East Devon Avenue		Des Plaines	IL	60018
Susan	Mowery-Schalk	FAA	Great Lakes Regional Airports Division	Director	2300 East Devon Avenue		Des Plaines	IL	60018
Bradley	Hayes	IDNR	Division of Ecosystems and Environment	Resource Planner	1 Natural Resources Way		Springfield	IL	62702
Eric	Smith	IDNR	Division of Natural Heritage	District Heritage Biologist	1 Natural Resources Way		Springfield	IL	62702
Heather	Osborne	IDNR	Division of Natural Heritage	Incidental Take Coordinator	1 Natural Resources Way		Springfield	IL	62702
Bill	Milner	IDNR	Division of Water Resources Management	CFM Chief, Downstate Regulatory Programs	1 Natural Resources Way		Springfield	IL	62702
Stephen	Altman	IDNR	Division of Water Resources Management	CFM, Division Manager	1 Natural Resources Way		Springfield	IL	62702
Joe	Kath	IDNR	Endangered Species Program	Program Manager	1 Natural Resources Way		Springfield	IL	62702
Steve	Dasovich	IDNR	State Historic Preservation Office - State Historical Compliance	Executive Secretary	1 Natural Resources Way		Springfield	IL	62702
Kruchten	Jeff	IDNR	State Historic Preservation Office - Archaeological Compliance	Cultural Resources Manager	1 Natural Resources Way		Springfield	IL	62702
Rita	Baker	IDNR	State Historic Preservation Office - Federal (106) Compliance	Cultural Resources Manager	1 Natural Resources Way		Springfield	IL	62702
Kirk	Brown	IDOT	District 9	Permits (Operations)	2801 West Murphysboro Rd		Carbondale	IL	62903
Melissa	Parrott	IEPA	Bureau of Water	Storm Water Permits	1023 North Grand Ave East	P.O. Box 19278	Springfield	IL	62794
Chris	Cahnovsky	IEPA	Land and Water Pollution Regional Office 7	Bureau of Land Regional Manager	2309 West Main Street		Marion	IL	62959

Deborah	Gray	IDOA	Bureau of Land and Water Resources Region 4	Regional Representative	4747 Centerville Ave.		Millstadt	IL	62260
Chris	Chinn	MDA	Administration	Director of Agriculture	1616 Missouri Blvd	P.O. Box 630	Jefferson City	MO	65102
Stuart	Miller	MDC	Commission Headquarters	Policy Coordinator	2901 W. Truman Blvd	PO Box 180	Jefferson City	MO	65102
Jordan	Meyer	MDC	Commission Headquarters	Policy Coordinator	2901 W. Truman Blvd	PO Box 180	Jefferson City	MO	65102
Amy	Rubingh	MDNR	State Historic Preservation Office	Historic Preservation Office Director	P.O. Box 176		Jefferson City	MO	65102
Billy	Hackett	MDNR	Division of Env. Quality - Water Quality	CWA Section 401 Water Quality Cert. Coordinator	1101 Riverside Drive	PO Box 176	Jefferson City	MO	65102
Robert	Gramke	USACE	St. Louis District - Regulatory	Regulatory Branch Chief	1222 Spruce St		St. Louis	MO	63103
Tyson	Zobrist	USACE	St. Louis District - Regulatory	Regulatory Branch Chief	1222 Spruce St		St. Louis	MO	63103
Debra	Shore	USEPA	EPA Region 5	Regional Administrator	77 W Jackson Blvd		Chicago	IL	60604
Meg	McCollister	USEPA	EPA Region 7	Regional Administrator	11201 Renner Blvd		Lenexa	KS	66219
Kraig	McPeck	USFWS	Illinois-Iowa Illinois Ecological Services Field Office	Field Office Supervisor	1511 47th Ave		Moline	IL	61265
Sara	Schmuecker	USFWS	Illinois-Iowa Illinois Ecological Services Field Office		1511 47th Ave		Moline	IL	61266
John	Weber	USFWS	Missouri Ecological Services Field Office	Field Office Supervisor	101 Park Deville Drive	Suite A	Columbia	MO	65203
Kathryn	Bulliner	USFWS	Missouri Ecological Services Field Office	Fish and Wildlife Biologist (Energy Coordinator)	101 Park Deville Drive	Suite A	Columbia	MO	65203
Jeffrey	Wells	USACE	St. Louis District - Operations/408	408 Coordinator	1222 Spruce St		St. Louis	MO	63103
Kristen	Fuld	USACE	St. Louis District - Regulatory	Staff Archaeologist	1222 Spruce St		St. Louis	MO	63103

D. Materials Used in Agency Coordination Virtual Meetings

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Hello!

The Meeting will begin shortly.

Please call (833) 255-2803 if you have issues hearing any audio or seeing the screen.

Meeting code: 931152559#

Ameren
TRANSMISSION

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ILLINOIS

Citizens
Electric Corporation

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Citizens
Electric Corporation

GRAND TOWER CROSSING PROJECT

Agency Introduction and
Coordination Meeting

January 7 & 8, 2025
10:00am & 2:00pm



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SAFETY MOMENT

WINTER WARNING AND WATCHES

- WATCH:
 - A winter storm may threaten a specific area but is not imminent.
- WARNING:
 - An advisory that a winter storm is expected to strike a specific area within 24 hours.
- WINTER WEATHER ADVISORY:
 - Winter weather conditions are expected to cause significant inconveniences and may be hazardous, especially to motorists.



Schedule LD-01 Part 5

Agenda



SAFETY MOMENT



PERMITTING &
CONSULTATION DISCUSSION



INTRODUCTIONS



Q&A



PRESENTATION



WRAP-UP AND NEXT STEPS

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Introductions

Project Roles



- Project development
- Stakeholder and public engagement
- Engineering
- Right-of-way
- Construction

Eric Poulek, Transmission Project Manager
Leah Deltmers, Manager, Stakeholder Relations
Justin Wenk, Consulting Engineer
Jennifer Spurlock, Sr. Real Estate Agent
Stephanie Miller, Environmental Scientist



- Routing
- Stakeholder and public engagement
- Environmental Studies and Permitting

Don Schmidt, Sr. Project Manager
Jessica Hochlan, Strategic Communications Lead
Michael Bell, Environmental Manager



- Expansion of the existing Wittenberg substation
- Develop local and regional transmission system for increased reliability to CEC member-owners

J.W. Hackworth, Manager of Member Services
Dan Coomes, VP of Engineering
Curt Iffert, VP of Operations
Kelli Behrle, Communications Specialist



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Project Partners

Citizens Electric Corporation, established in 1947, is a not-for-profit corporation operating as an electric cooperative located in Perryville, Missouri. Citizens Electric services over 27,000 members in Perry County, Ste. Genevieve County and portions of Cape Girardeau, Bollinger, Jefferson, and St. Francois County.



Goals of Today's Meeting

-  Introduce the project
-  Gather agency insights
-  Collect data to support the routing process
-  Identify potential opportunities, sensitivities, permitting/consultation needs

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



Project Overview

Grand Tower Crossing Project



Ameren Transmission is proposing to construct a new 138 kV transmission line connecting Citizens' existing Wittenberg substation in Perry County, Missouri across the Mississippi River to Ameren Illinois' proposed Jenkins substation (separate project).



The new line will improve energy reliability for the surrounding region and local communities.



Our goal is to have this project completed and bringing project benefits to the local community by the end of 2028.

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Structures

Typical 138kV Steel Monopole Structures

- Structure: Single-shaft steel poles
- Voltage: 138 kV*
- Height: 80-140 ft
- Span: 800-900 ft
- Structures/mile: 6-8
- Conductor clearance: 25 ft (minimum)
- Drilled concrete pier foundation: 7-12 ft diameter
- Typical easement width: 150 ft

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



Note, that these graphics are not to scale. The number of arms on a typical structure and the sizing of the structure may vary depending on the final route.

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Structures

River Crossing Structures

- Structure: Steel lattice towers or tubular towers
- Voltage: 138 kV*
- Height: 150-490 ft
- Span: 2800-4000 ft
- Structures/mile: 1-2
- Conductor clearance: 25 ft (minimum)
- Driven concrete and steel pile: 7-10 ft diameter
- Typical easement width: 600 ft

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



Note, that these graphics are not to scale. The number of arms on a typical structure and the sizing of the structure may vary depending on the final route.

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River Crossing Visualization



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



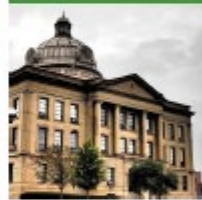
Sensitivities



Technical Guidelines



Statutory Requirements



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Routing Criteria

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
- Minimize non-standard designs
- Ensure safety and compatibility with existing infrastructure

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Agency Coordination



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Study Area



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Prelim. Corridor

- STUDY AREA
- PRELIMINARY CORRIDORS
- EXISTING SUBSTATIONS
- NEW SUBSTATION
- EXISTING TRANSMISSION LINES
- STATE BOUNDARY
- PARCEL
- RESIDENCE
- NOT A HOME
- CHURCH OR CEMETERY
- CAMPGROUND
- COMMUNICATION TOWER
- PIPELINE
- RAILROAD
- LEVY
- STREAM




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PERMITTING & CONSULTATION DISCUSSION

- USACE Regulatory & Operations
 - CWA Sec. 404 (NWP 57?)
 - RHA Sec. 10 Permit
 - Sec. 408 Authorization
- USFWS –
 - ESA Sec. 7, BGEPA, and MBTA
 - P/A surveys may be necessary depending on selected route
- MDNR/MDC/IDNR –
 - Protected species
 - EcoCAT (IDNR)
 - Water quality (CWA Sec. 401/402)
 - Coordination with USACE/USFWS
 - Missouri Natural Heritage Review
- SHPO – NHPA Sec. 106 & State Compliance
 - Consultation for CWA 404 and 402 (NPDES)
- USCG
 - River span clearance compliance

WHAT ARE OUR NEXT STEPS?



- Upcoming public open houses (January 2025)
- Continue as-needed agency communication to support routing (Through Spring 2025)
- Approval by MoPSC of final route (Spring 2025)
- Follow-up agency coordination, consultations, and permitting once project is approved (Spring 2025 – Fall 2025)
- Field-level evaluations and resource reporting (Spring 2025 – Winter 2025)
- Permit/Authorization Request preparation and agency review (Winter 2025 / 2026 – Fall 2026)
- Proposed Construction Start (Winter 2027)
- Proposed In-service (Winter 2028)

Wrap Up

Let our team know if you have any additional feedback by emailing the project email at:

connect@grandtowercrossing.com

IN PERSON OPEN HOUSE



Thursday, January 16, 2025
11:00 AM – 1:00 PM
and 5:00 PM – 7:00 PM



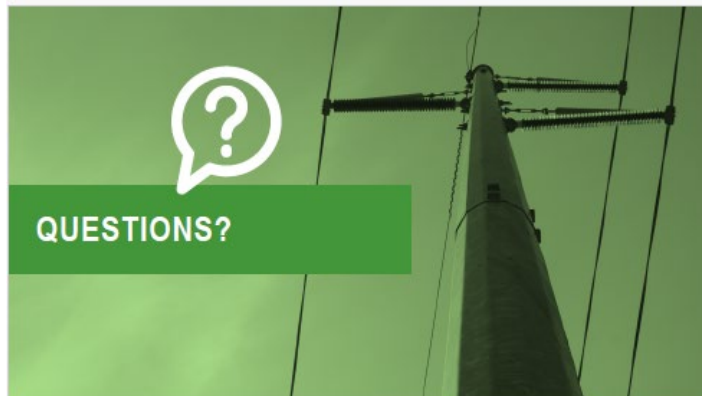
Perryville Knights of Columbus
31 Church St.
Perryville, MO 63775

All Illinois and Missouri community members are welcome. Both open houses will include the same information, with no formal presentation. Come and go as you please during the two-hour window. Visit the website to learn more about the project and provide feedback.

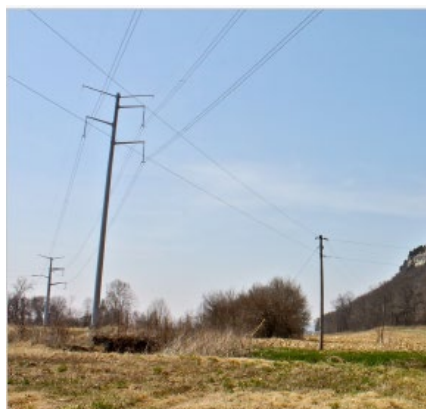
VIRTUAL ENGAGEMENT
AVAILABLE

We will also have a self-paced, virtual engagement and comment map available on the website starting January 13, 2025.

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QUESTIONS?



@ connect@grandtowercrossing.com

📞 800.488.7119

🌐 Ameren.com/GrandTowerCrossing

THANK YOU