

Hello!

The Logan County Connector Public Webex Meeting
will begin shortly.



Please call **217.213.3268** if you have issues
hearing any audio or seeing the screen.

WELCOME TO THE

Logan County Connector Public Webex Meeting



April 22 at 12:00 p.m.

This meeting is being recorded for internal project team input



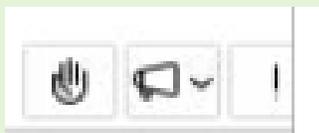
Welcome to Webex

 Unmute

You are muted and your video is disabled upon entry.

 Participants  QA

Please use the Q&A (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.



You can also use the hand icon to indicate to the project team that you would like to give your comment verbally during the Q & A session.



Safety Moment



Thank You!



We appreciate the active participation and input community members and stakeholders provided during the phase 1 engagement of the Route Segments in February 2021. All input received was reviewed and considered during the development of the Route Alternatives.

Additional Engagement Opportunities

ONLINE OPEN HOUSE

Review project information & Route Alternatives at your convenience:

<https://logancountyconnectorresources.com/onlinemeeting/>

INTERACTIVE COMMENT MAP

Review and leave your input on our Route Alternatives map:

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Receive a Detailed Information Packet

- Request a mailed or emailed information packet by emailing us or leaving a message on our hotline with your preferred address.
- Pick up a packet of project information at Lincoln City Hall located at 700 Broadway Street, Monday-Friday between 9 a.m. - 5 p.m.

In-Person Participation

Mark your calendars for in-person opportunities happening May 4 and May 5:

- Appointments are available daily between 9 a.m. - 7 p.m.
- Email us, leave a message on our hotline or visit the website to schedule an in-person appointment to discuss the project and your property with our project team. **Appointments are required for these in-person meetings.**
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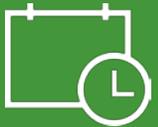
Agenda



SAFETY MOMENT ✓



PROJECT TEAM
INTRODUCTIONS



PRESENTATION



ENGAGEMENT
OPPORTUNITIES



Q&A SESSION



WRAP-UP AND NEXT STEPS

Presenters



Ajay Jayaprakash
Ameren Project Manager



Gabe Goldsmith
Ameren Stakeholder Relations



Dan Schmidt
Routing Consultant

Ameren Support Project Staff



Ellen Prinster
Design Engineering



Joe Robertson
Construction



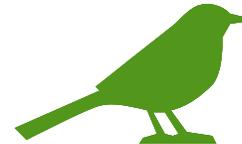
Francisco Ponce
Transmission Planning



Jim Morrison
Vegetation Management



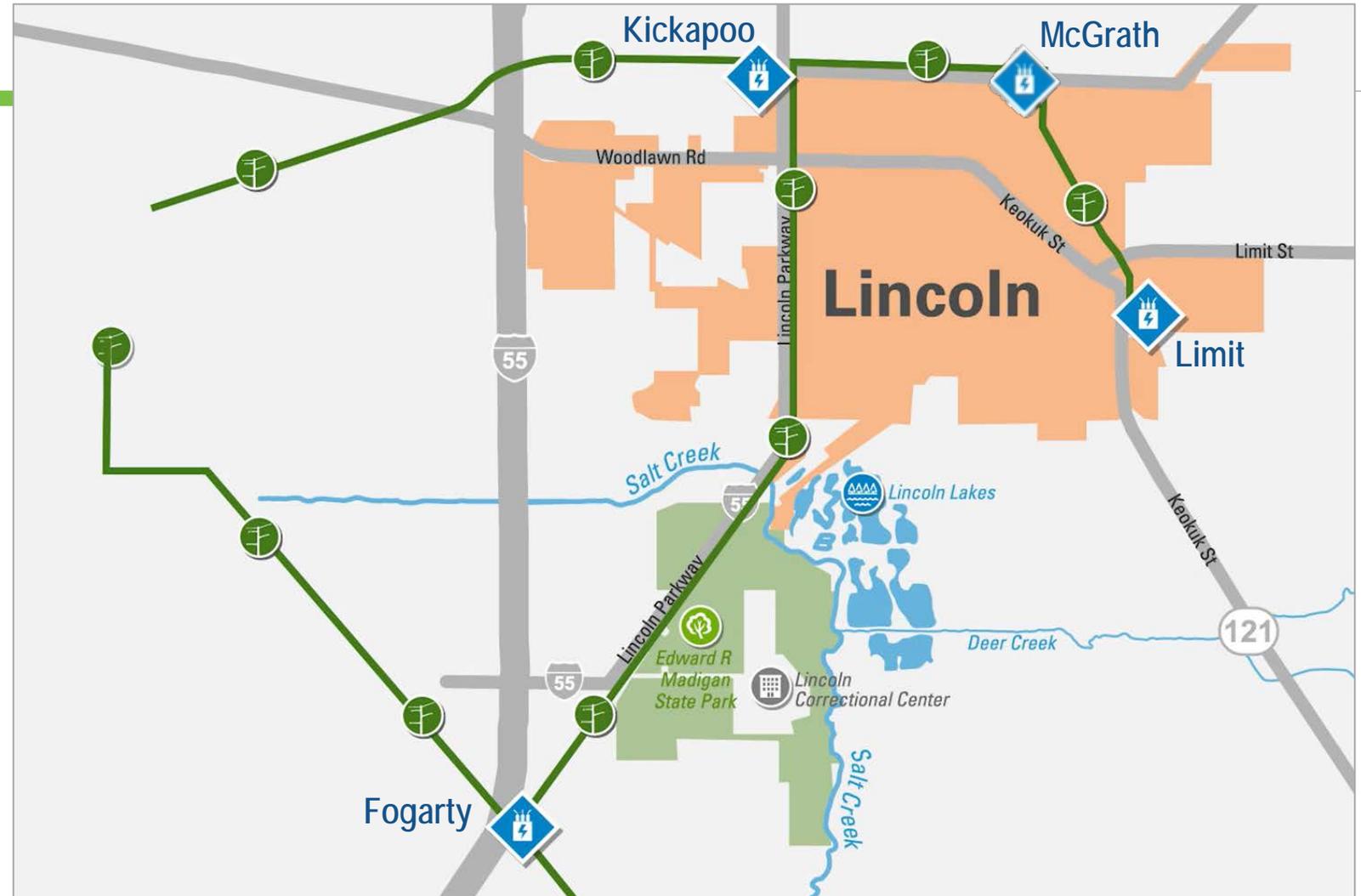
Rick Trelz
Real Estate



Kenny Lynn
Environmental

Project Need

- Communities in this area are currently supported by **two** Ameren Illinois 138 kV transmission lines
- Creating additional energy pathways to improve reliability



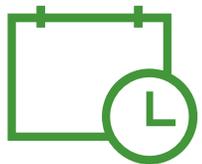
Logan County Connector



Ameren Illinois is proposing to construct a new, approximately six to ten-mile 138 kV transmission line and associated facilities.

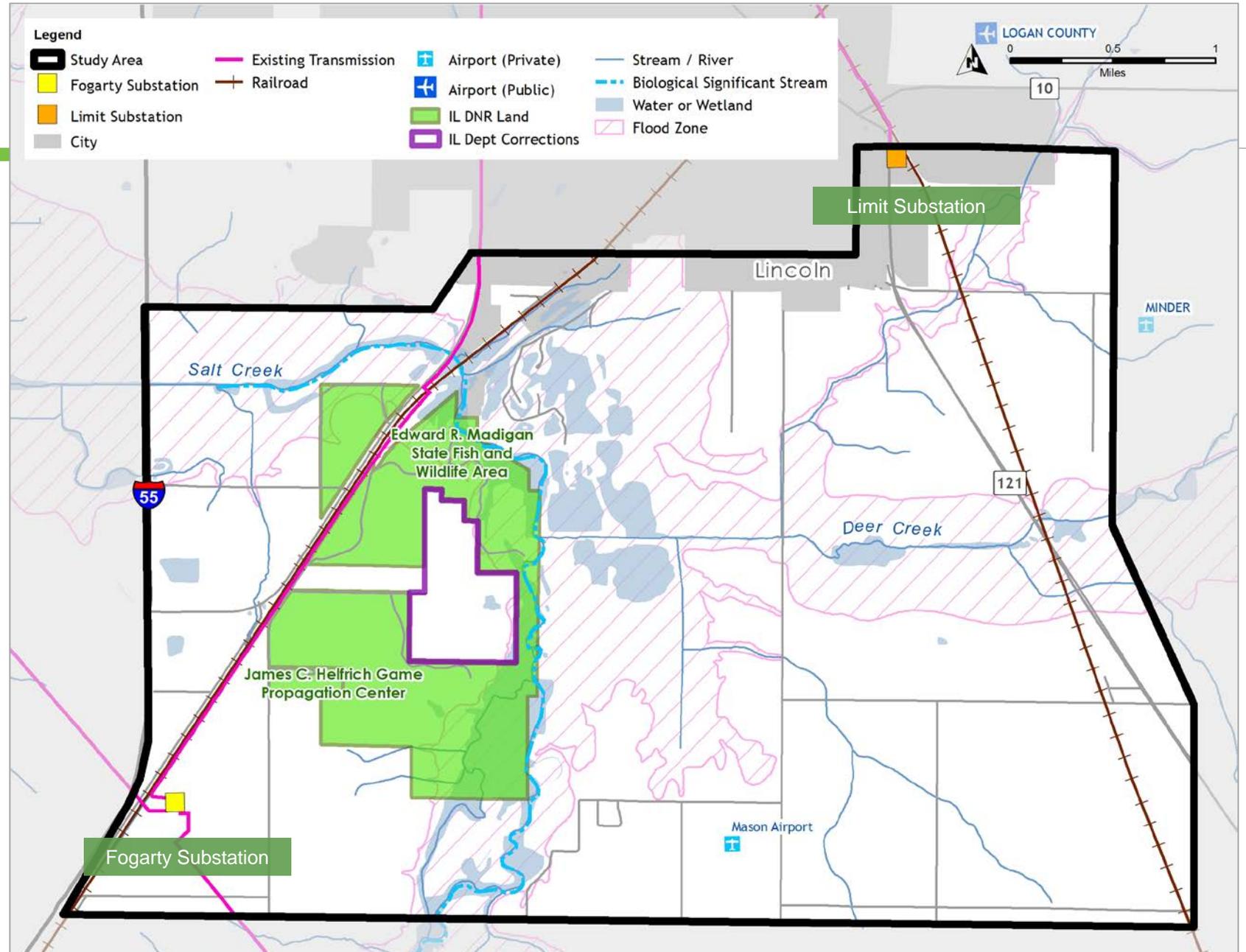


The new line will **improve energy reliability** for local customers in Lincoln and the surrounding Logan County area.



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

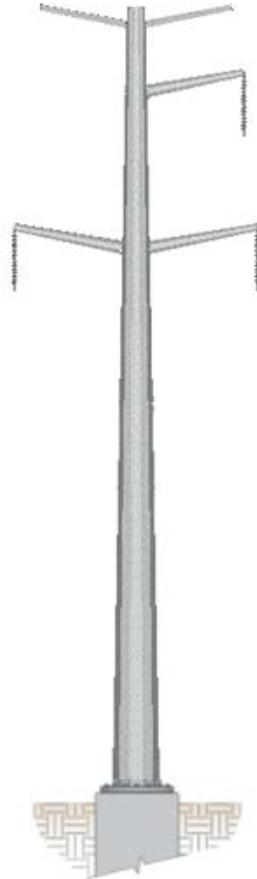
Study Area



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: 80 - 120 ft
- Span: 700 - 800 ft
- Structures/mile: 7 - 8
- Conductor clearance: 21 ft (minimum)
- Drilled concrete pier foundation: 6 - 10 ft diameter
- Easement width: 100 ft
- Above-ground foundation: 2 ft

Note, this graphic is not to scale and the number of arms on typical structure may vary. Depending on final route, the typical structure may be designed to hold additional circuits.

Anticipated Schedule

 2021

- Gather public and agency input
- Engineering and permitting
- Final route(s) identified
- File route(s) with ICC

 2022

- Certificate Of Public Convenience & Necessity (CPCN) Decision
- Environmental surveys and permitting
- Easement acquisition process

 2023

- Preconstruction activities
- Construction
- Project in service (December)

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

Routing Process & Stakeholder Outreach

Gather and Review Data
Ongoing

Route
Segments

Analyze and Identify
Final Route (s)

Study Area

Route
Alternatives

File Route (s)
with ICC

 Stakeholder input opportunities

Routing Criteria

Opportunities



Sensitivities



Technical Guidelines



Statutory Requirements



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

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
- Levees
- Large Housing Facilities
(i.e. Correctional Facility)
- 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

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

Routing Criteria

Agency Coordination:



Routing Process

1

Define Study Area: Our team started by using data from federal, state and local agencies, stakeholders and publicly-available data sources to create our study area. We considered existing utility corridors, resource areas, environmental data and field survey data to help minimize impacts while providing a feasible route opportunity.

2

Develop Route Segments: Then our team looked at our routing criteria and developed Route Segments that maximize use of Opportunities, minimize impacts to sensitivities, while adhering to technical guidelines and statutory requirements.

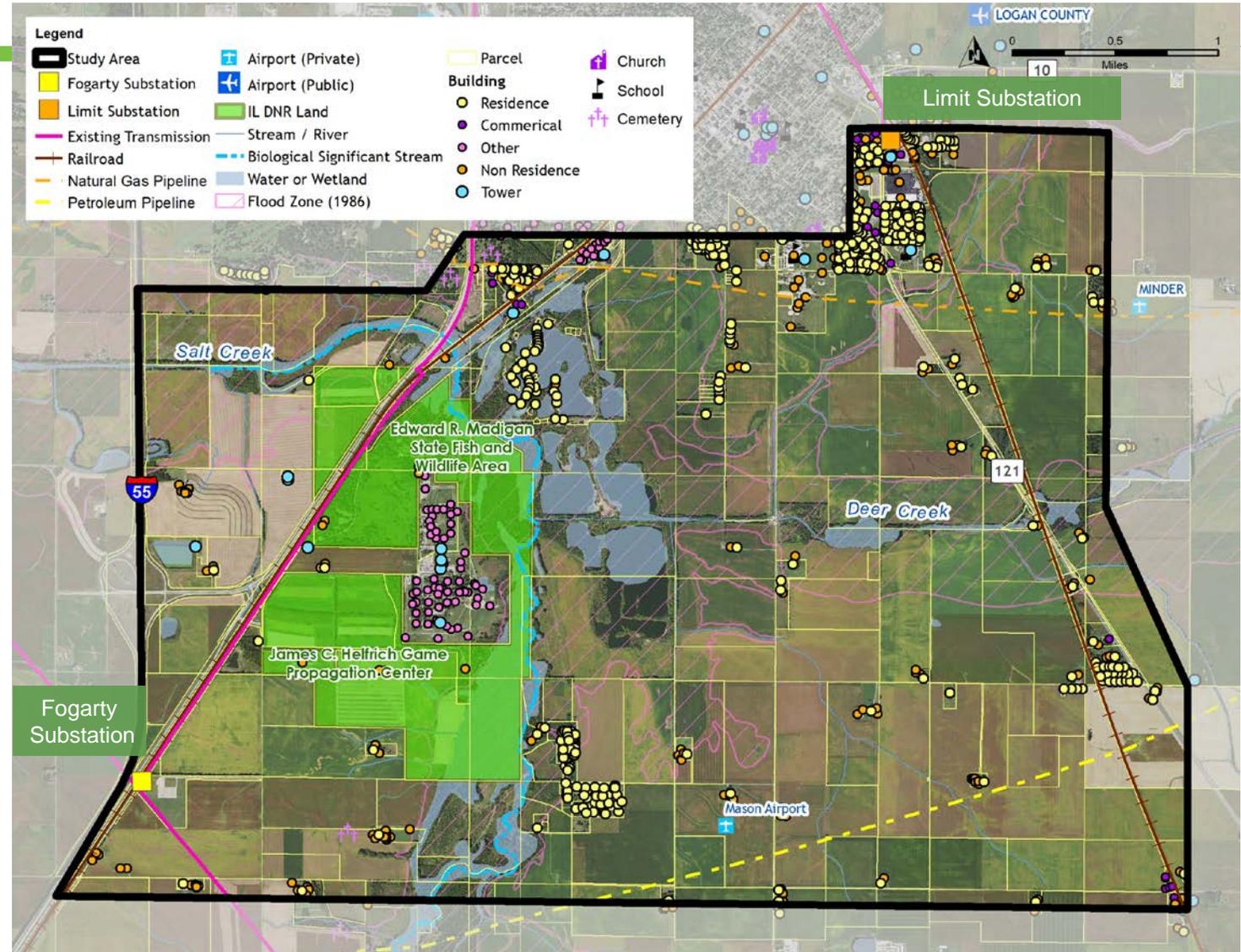
3

Develop Route Alternatives: Using the same criteria above, as well as input received from stakeholders and community members during our first phase of engagement, we refined our Route Segments into Route Alternatives.

Step 1: Define Study Area

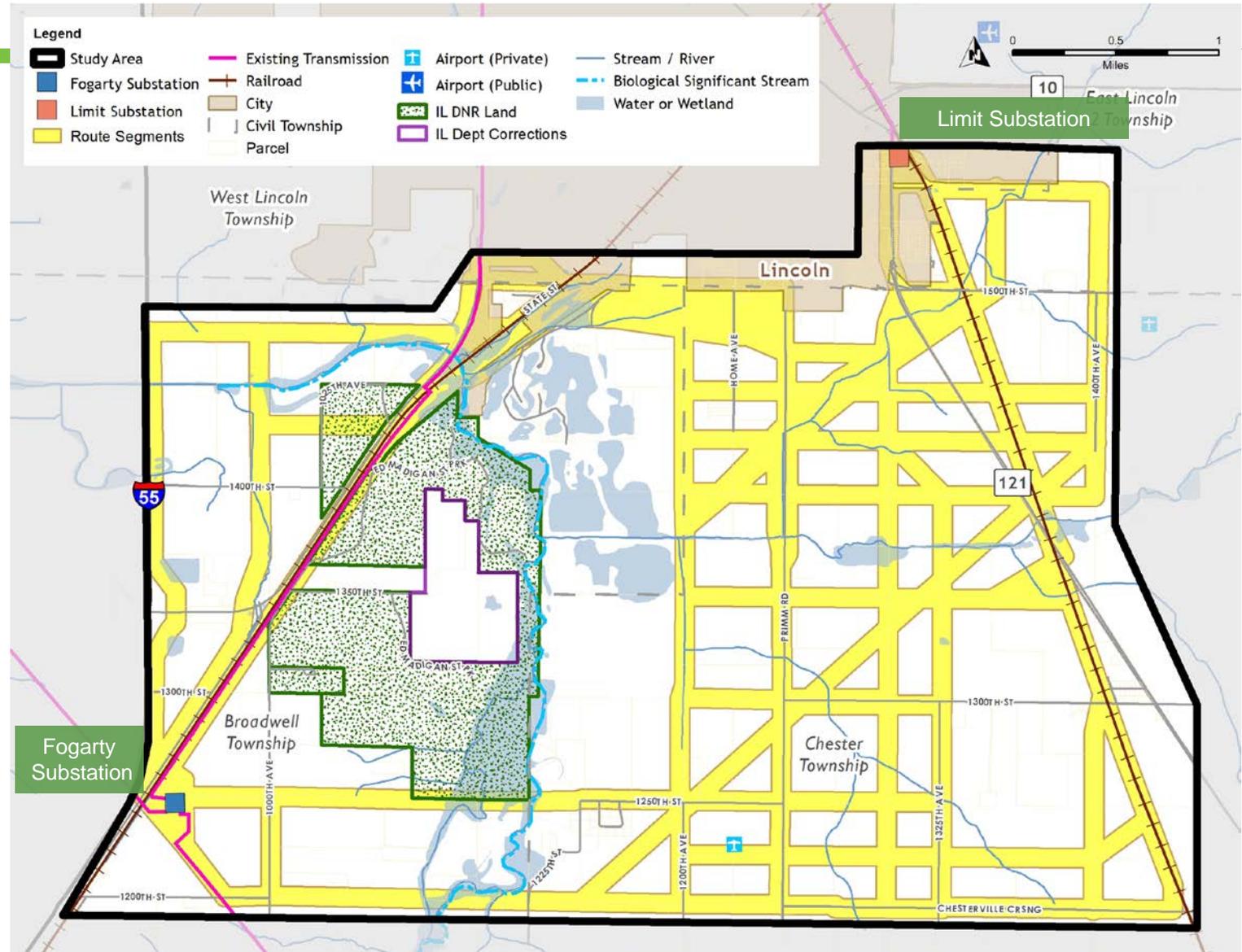
Initial Opportunities & Sensitivities:

- Structures
- Resource Areas
- Floodplain/Wetlands
- Existing Infrastructure



Step 2: Route Segments

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

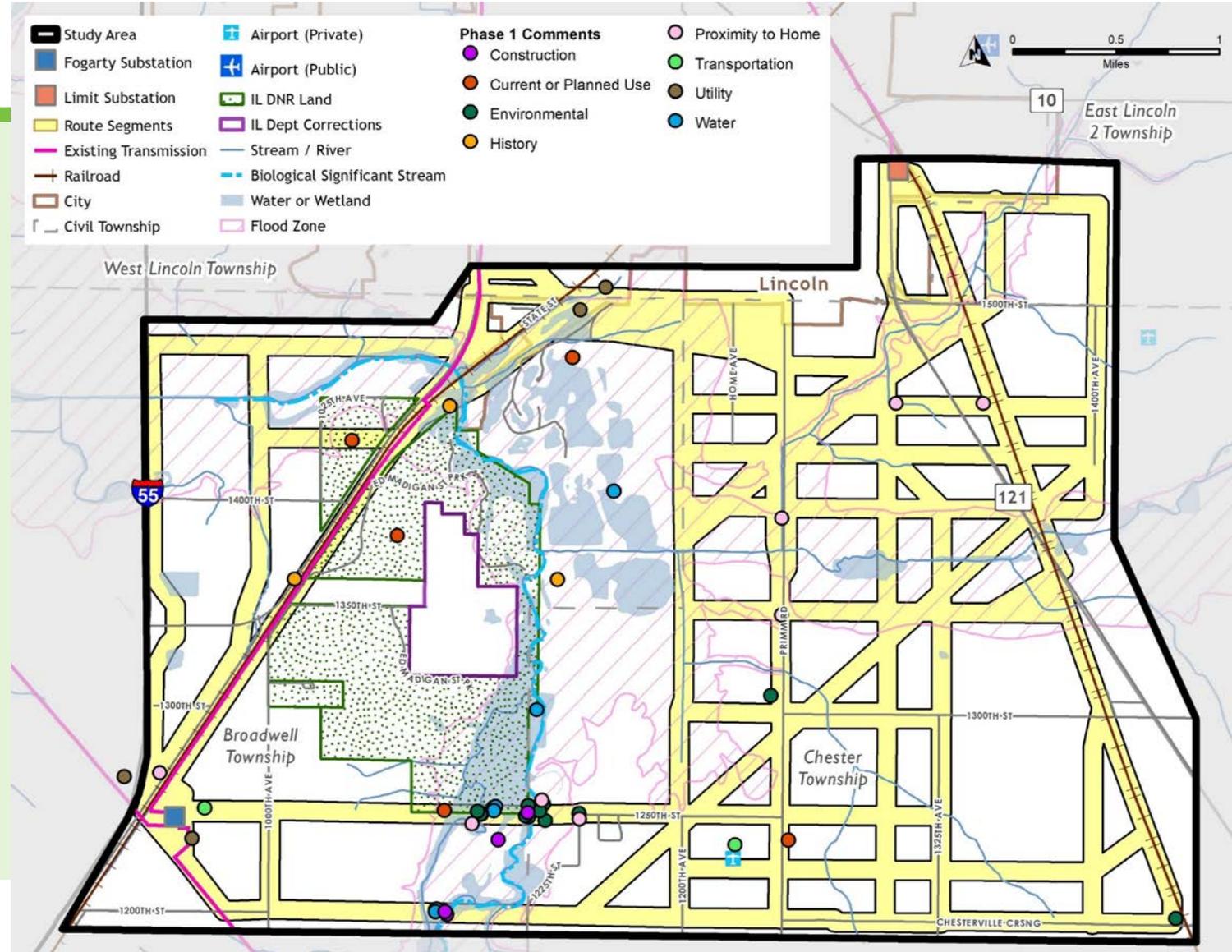


What We Heard

During our Phase 1 of public engagement in February 2021, our project team received input from the community on the Route Segments. All comments were reviewed during the development of our Route Alternatives.

In general, most comments fit into the following categories:

- Construction
- Current or Planned Use
- Environmental
- History
- Proximity to Home
- Transportation
- Utility
- Water

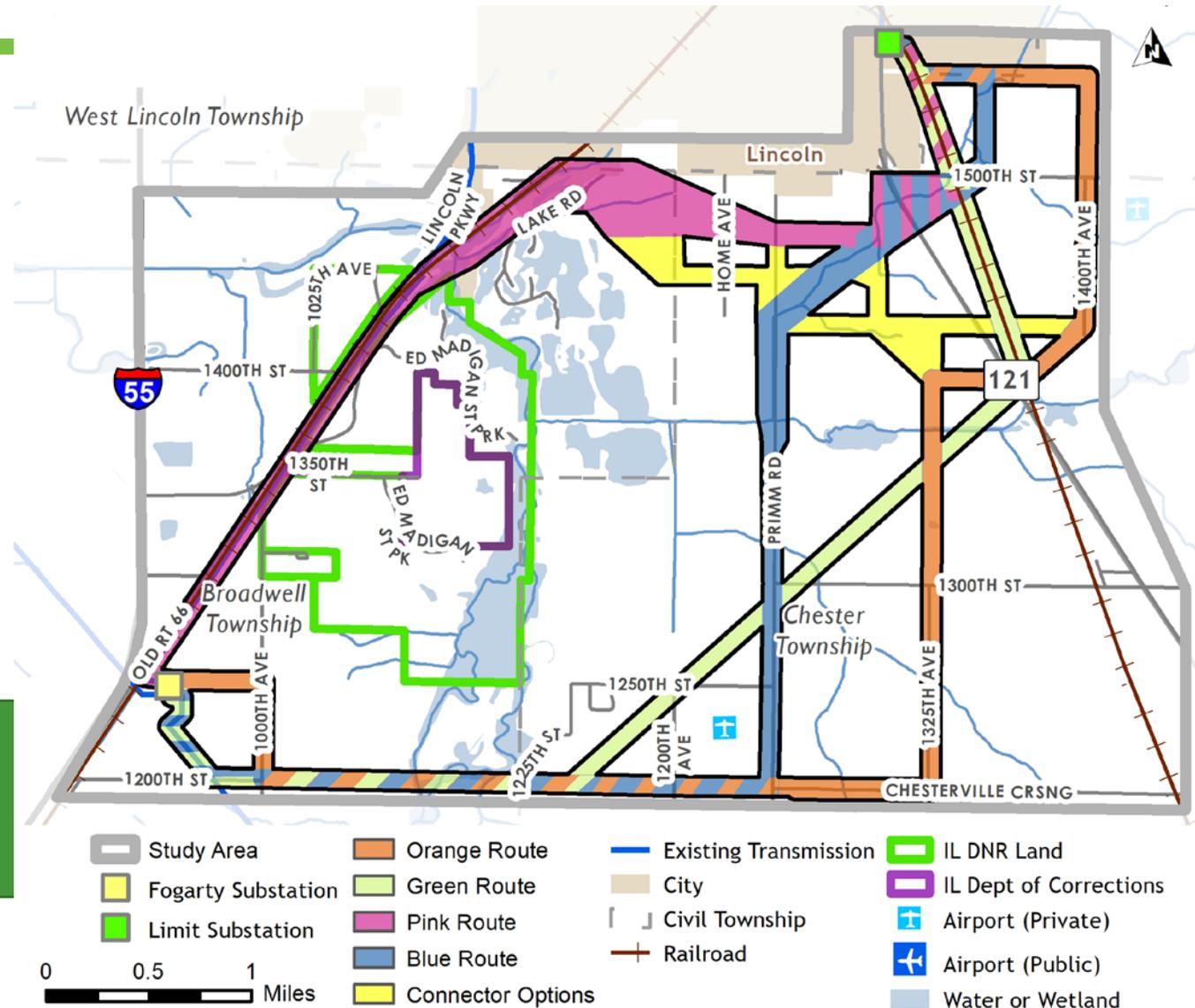


Step 3: Route Alternatives

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

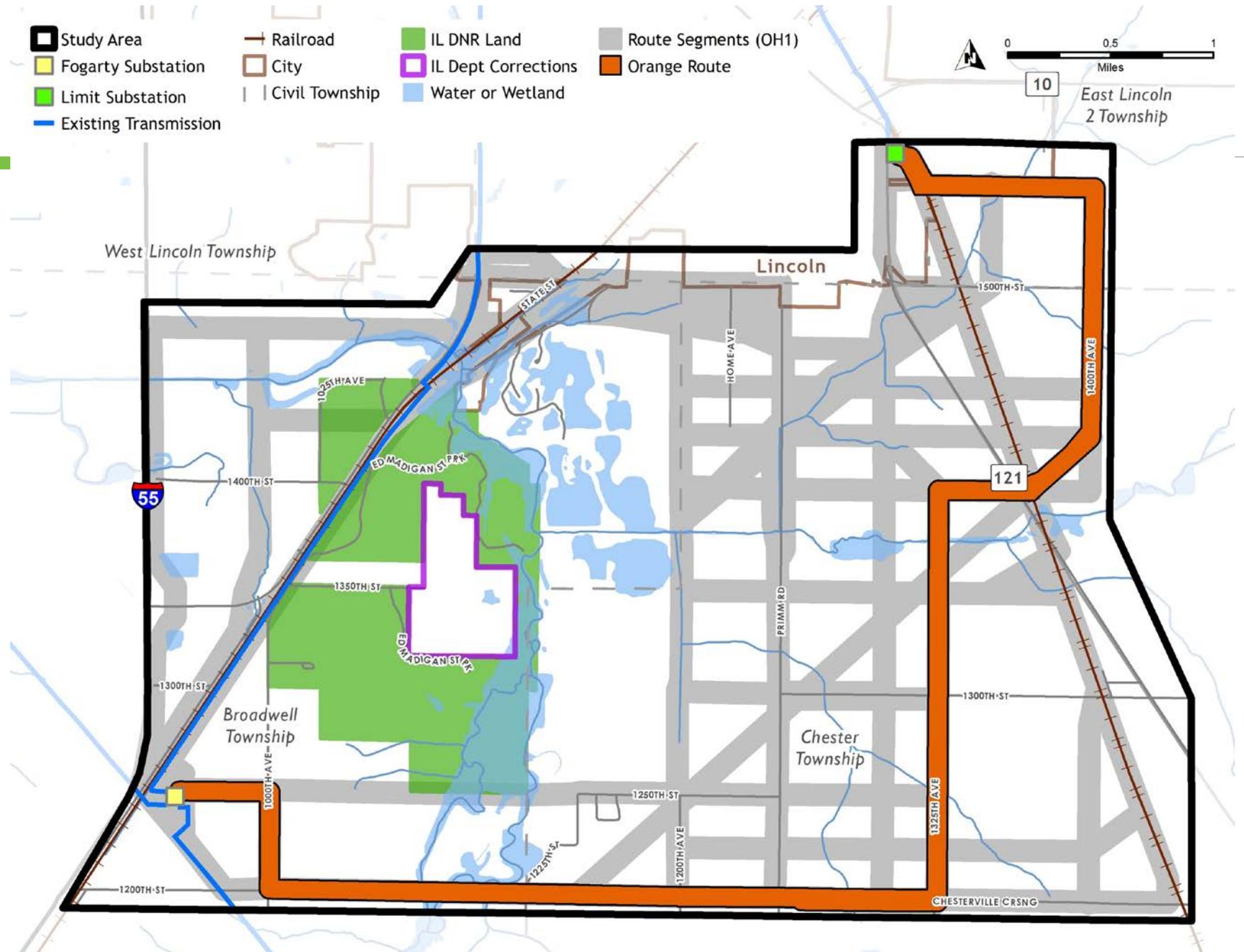
Public Input Opportunity!

Visit our online comment map to share comments on Route Alternatives.

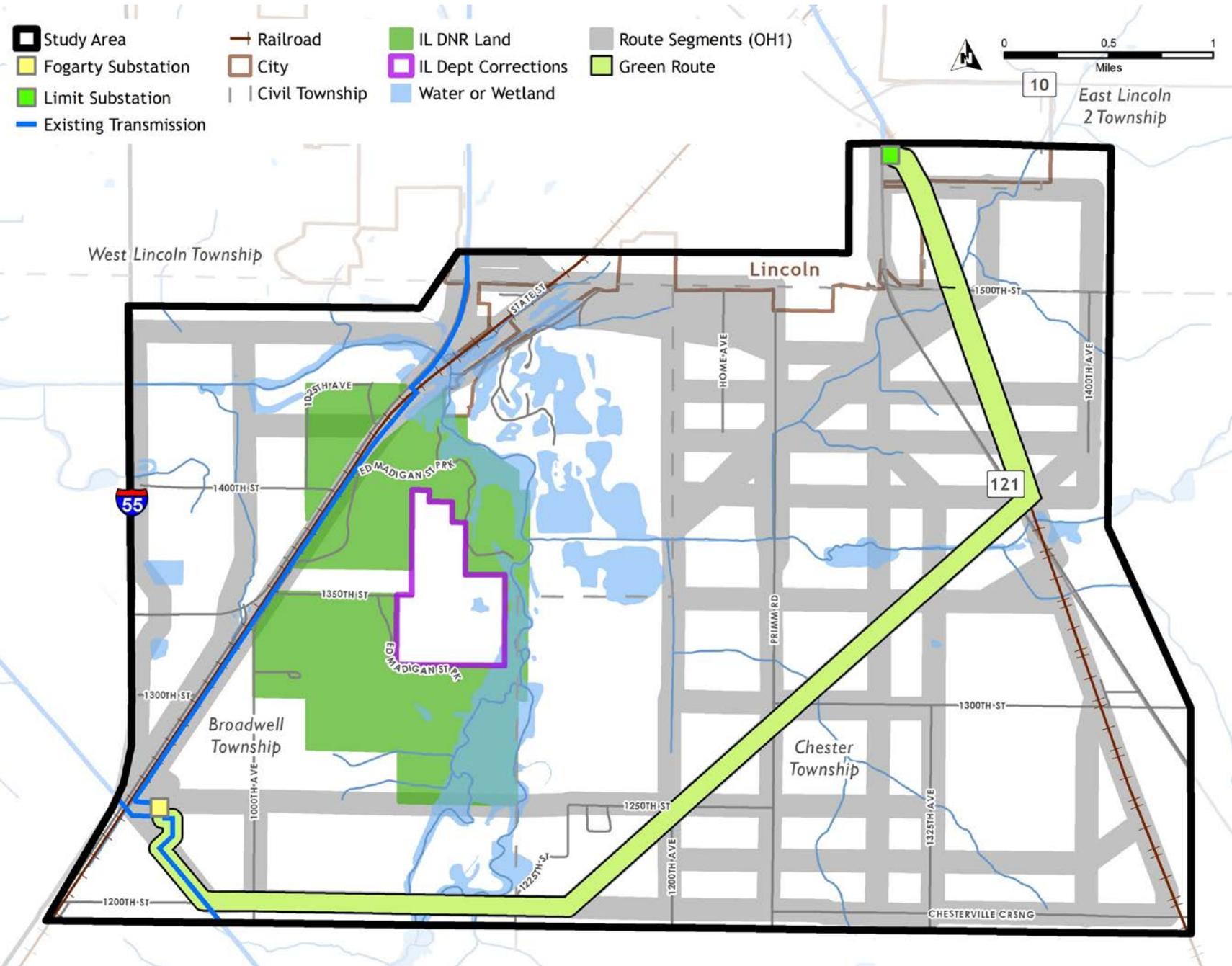


Orange Route

- Study Area
- Fogarty Substation
- Limit Substation
- Existing Transmission
- Railroad
- City
- Civil Township
- IL DNR Land
- IL Dept Corrections
- Water or Wetland
- Route Segments (OH1)
- Orange Route

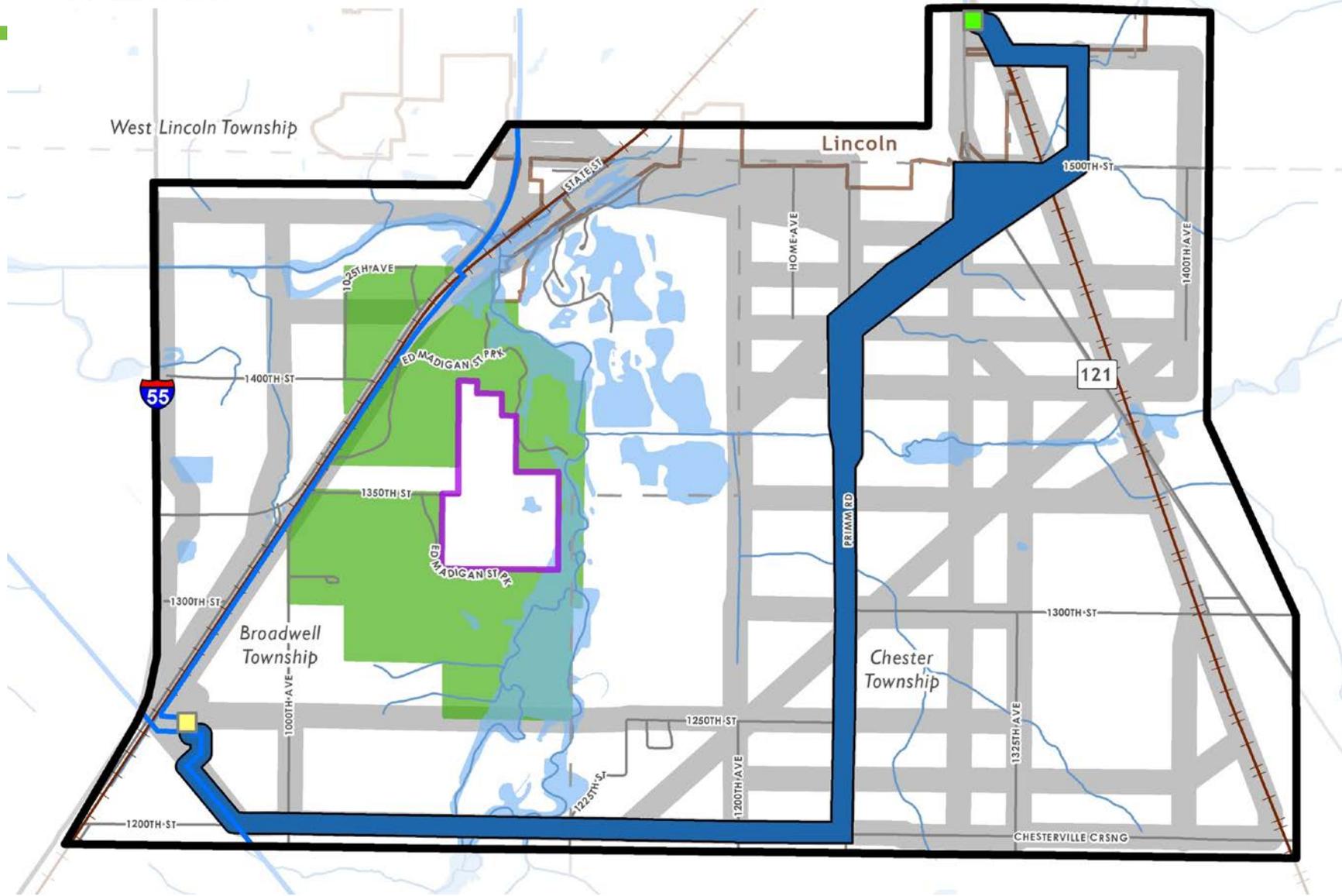
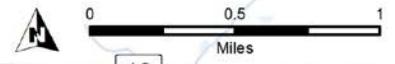


Green Route



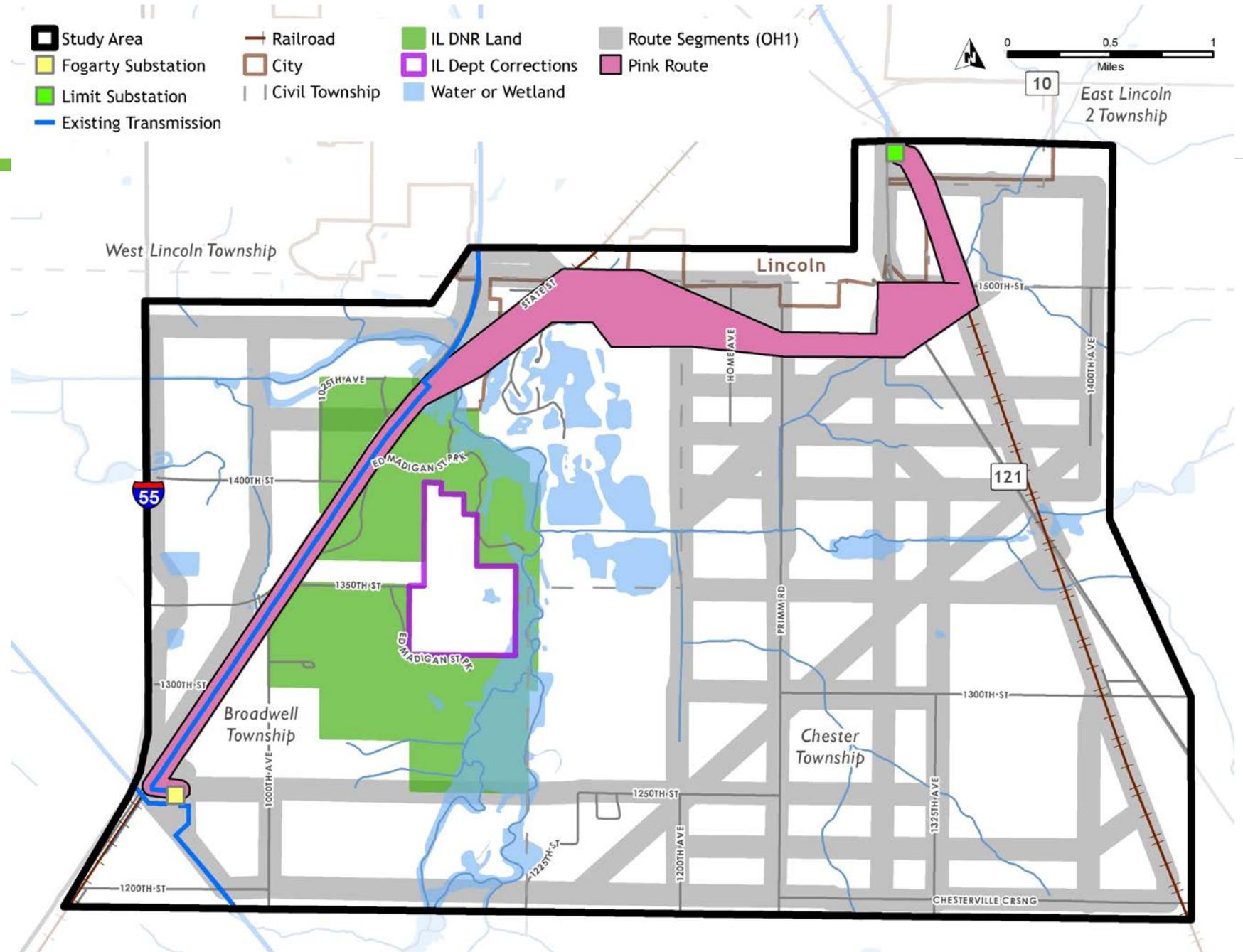
Blue Route

- Study Area
- Fogarty Substation
- Limit Substation
- Existing Transmission
- Railroad
- City
- Civil Township
- IL DNR Land
- IL Dept Corrections
- Water or Wetland
- Route Segments (OH1)
- Blue Route



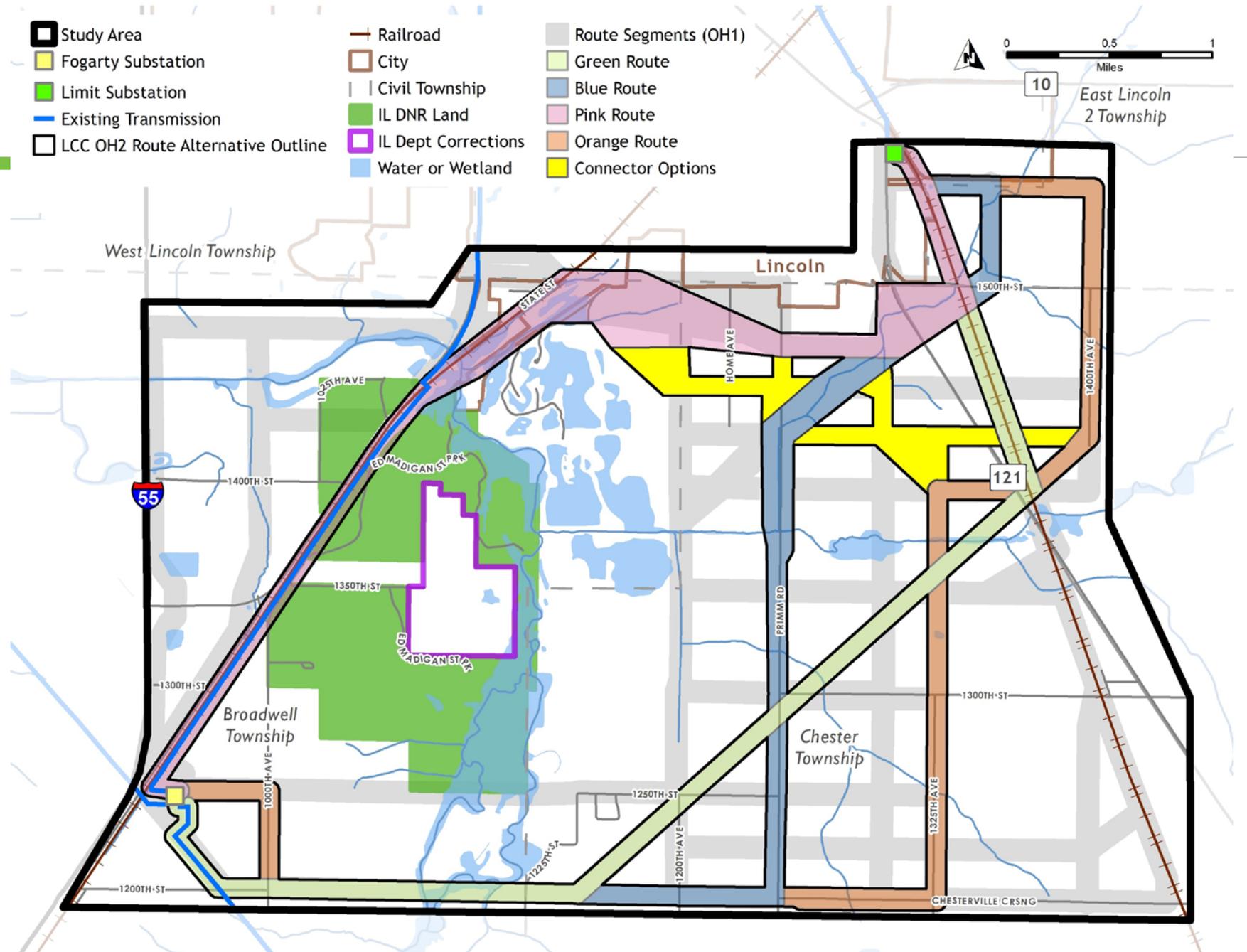
Pink Route

- Study Area
- Fogarty Substation
- Limit Substation
- Existing Transmission
- Railroad
- City
- Civil Township
- IL DNR Land
- IL Dept Corrections
- Water or Wetland
- Route Segments (OH1)
- Pink Route



Connectors

- Study Area
- Fogarty Substation
- Limit Substation
- Existing Transmission
- LCC OH2 Route Alternative Outline
- Railroad
- City
- Civil Township
- IL DNR Land
- IL Dept Corrections
- Water or Wetland
- Route Segments (OH1)
- Green Route
- Blue Route
- Pink Route
- Orange Route
- Connector Options



Real Estate

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

Easement Discussions

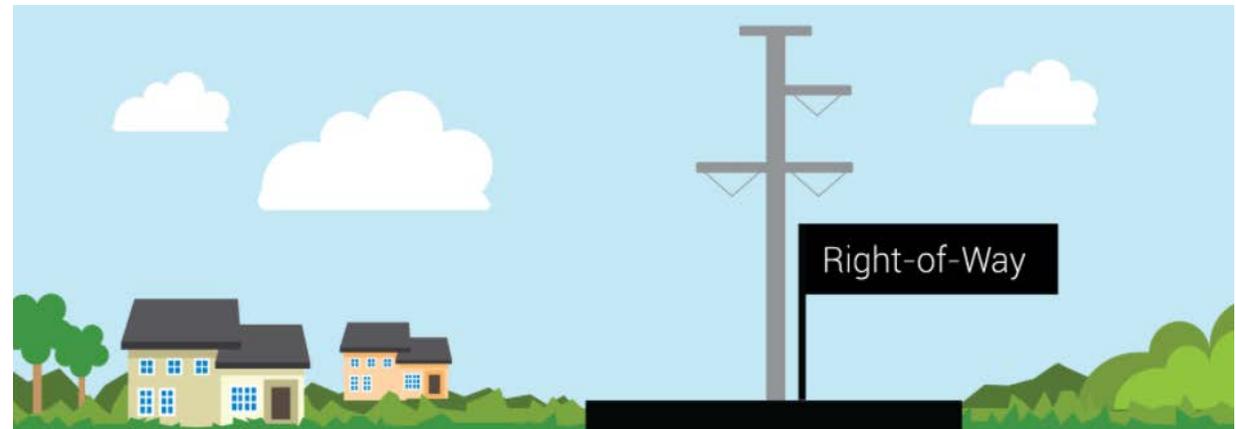
Project representatives will meet with affected landowners to discuss:

- 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 Illinois and our partners will be seeking to obtain easements from affected landowners for the construction, operation and maintenance of the electric transmission line.



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.

Construction Process

Construction is anticipated for 2023. There will be six major stages of construction including:



1 Survey structure locations and vegetation clearing



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



Construction of the transmission line occurs in phases and will not be constant on a landowner's property for a full year. We will provide more information before construction begins.

Engagement Opportunity: Online Open House



Logan County Connector Online Open House



- WELCOME
- Additional Engagement Opportunities
- Project Overview
- Project Schedule
- Structure Design

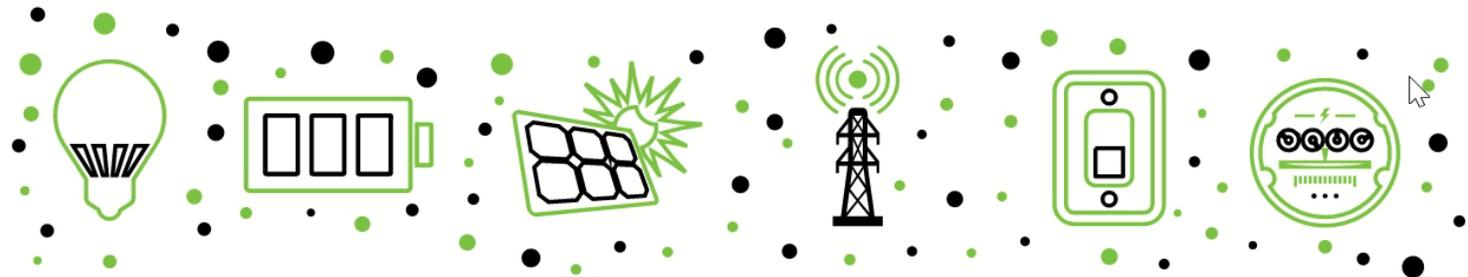
Translate This Site

Select Language



WELCOME

Thank you for your participation in our online engagement! The slides in this session are filled with information about Logan County Connector. Please read the materials, submit responses to the survey questions and share valuable input with us through our interactive comment map.



How to
NAVIGATE

How to
COMMENT

Engagement Opportunity: Online Comment Map

LOGAN COUNTY CONNECTOR PROJECT

Ameren Illinois is proposing to construct a new, approximately 6- to 10-mile 138 kV transmission line and associated facilities to improve energy reliability for local customers in Lincoln and the surrounding Logan County area. These communities are currently supported by **two** Ameren Illinois 138 kV transmission lines that protect and secure the energy system in Logan County. In the future, continuing to rely on these transmission sources in the event of a power outage could result in extended restoration times and community-wide impacts. **As we continue to serve, support and invest in our communities, new projects—like the Logan County Connector—allow us to continue supporting future energy needs.**

📍 We are collecting information about the Route Alternatives

Add a comment to provide our team information about your area. For best results, view map in Chrome, Firefox, or Edge.



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More Opportunities to Connect

 Connect@LoganCountyConnector.com

 217.213.3268

 www.LoganCountyConnector.com

 400 N. Limit Street, Lincoln, IL 62656

QUESTIONS?



A photograph of a utility site. In the foreground, a row of metal nuts and bolts is arranged on a concrete ledge. The background shows a white structure, a field, and a utility pole with power lines under a clear blue sky.

**COMMENTS ON THE ROUTE
ALTERNATIVES WILL BE
COLLECTED THROUGH APRIL 30**

Wrap Up



December 2020 – January 2021
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
- Online Stakeholder Workshops (January 26 and January 27)



February – April 2021
Route Segments

- Evaluation of Stakeholder input
- Development of Route Segments
- Phase 1 Public Engagement – present Route Segments



★ April – May 2021
Route Alternatives
WE ARE HERE!

- Evaluate input received from first phase of public engagement
- Development of Route Alternatives
- Phase 2 Public Engagement – present Route Alternatives (Spring 2021)



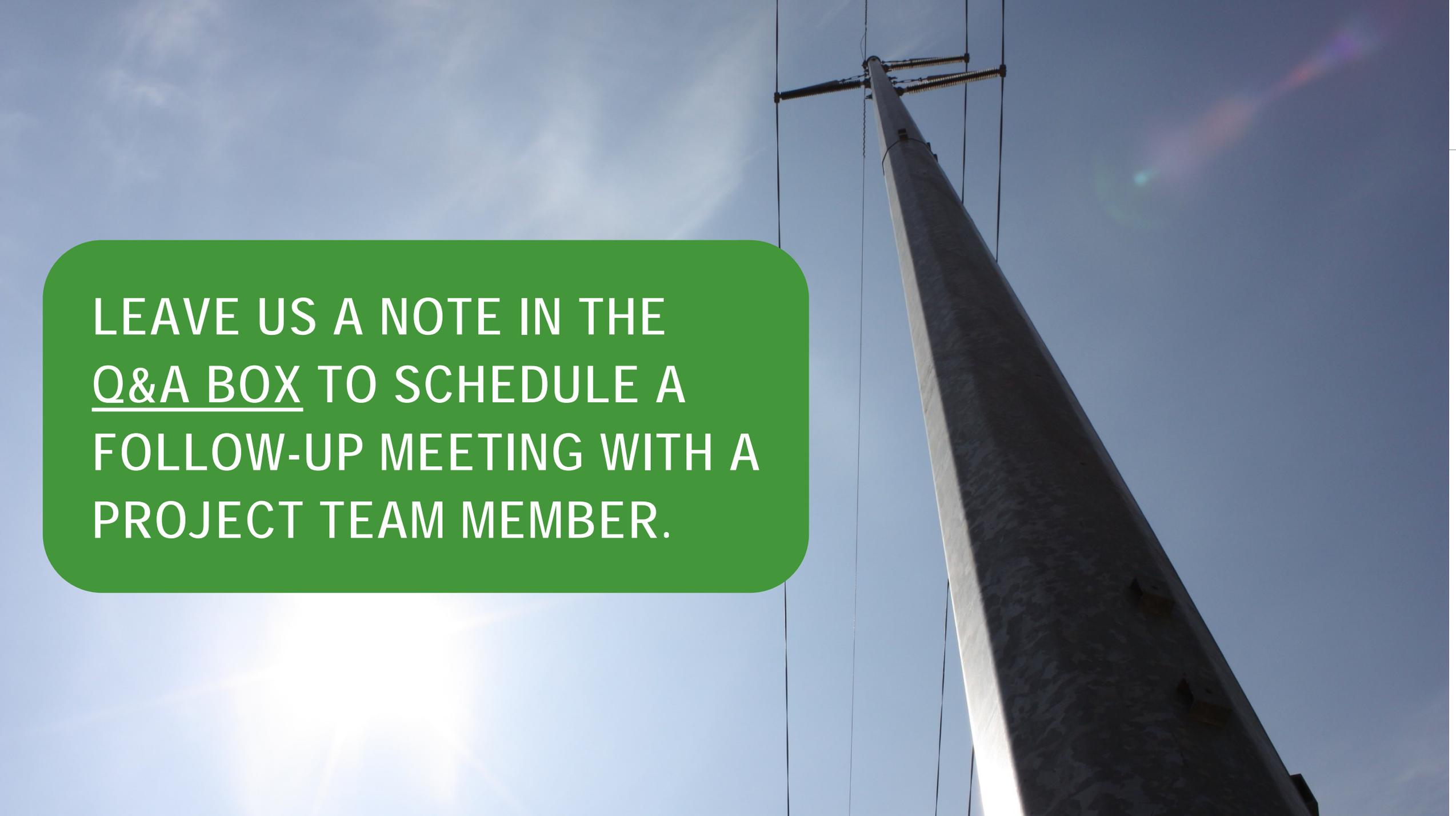
Late Spring 2021
Identify, Analyze and Select Final Route(s)

- Evaluate input received from second phase of public engagement
- Develop final route(s)



Summer 2021
File Route(s) with Illinois Commerce Commission

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



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

THANK YOU

@ Connect@LoganCountyConnector.com

 217.213.3268

 LoganCountyConnector.com