

# PEORIA COUNTY RELIABILITY PROJECT

Improving energy reliability in your community

Ameren Illinois is proposing the Peoria County Reliability Project to improve energy reliability for local customers in the Peoria County area. This Project includes the construction of a new 138 kV transmission line to connect the Alta Substation with the Pioneer Substation. Our goal is to have this new line in service and providing benefits to the local community by December 2025.



Continuing to rely on existing transmission sources in the event of a power outage could result in extended restoration times and community-wide impacts.



This project will help minimize power outage impacts to the local communities by creating additional pathways to support current and future energy needs.



As we continue to serve and invest in our communities, new projects – like the Peoria County Reliability Project – allow us to continue supporting the needs of our customers in your area.

## SCHEDULE

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

### 2022

- Engineering and permitting, engagement, proposed route identified

### EARLY 2023

- File proposed route with the ICC; ICC review process

### 2023

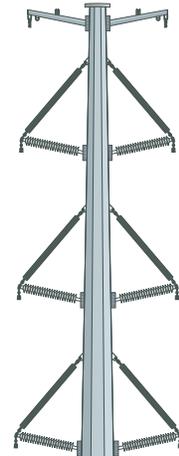
- Surveys
- Real estate
- Environmental
- Easement acquisition

### 2024

- Construction

### 2025

- New line in service



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

Above-ground foundation:  
2 ft

Not to scale

Typical Easement Width 100 ft

Note, this graphic is not to scale. The number of arms on a typical structure and the sizing of the structure may vary depending on the final route. Currently, there are existing Ameren lines in the area that may provide an opportunity to co-locate the new Peoria County Reliability Project line. This will be determined during the routing process.

# ROUTING PROCESS

## 1 STEP 1:

### Define Study Area

Our team started by using data from publicly available data sources to create our Study Area. We considered existing utility corridors, existing land use, resource areas, natural environment data and field survey data to help minimize impacts while providing a feasible route opportunity.

July – August 2022

## 2 STEP 2:

### Develop Route Segments

Then our team will use data collected from our stakeholders and federal, state and local agencies and the four categories of routing criteria – Opportunities, Sensitivities, Technical Guidelines, and Statutory Requirements – to develop potential Route Segments.

**WE ARE HERE!**

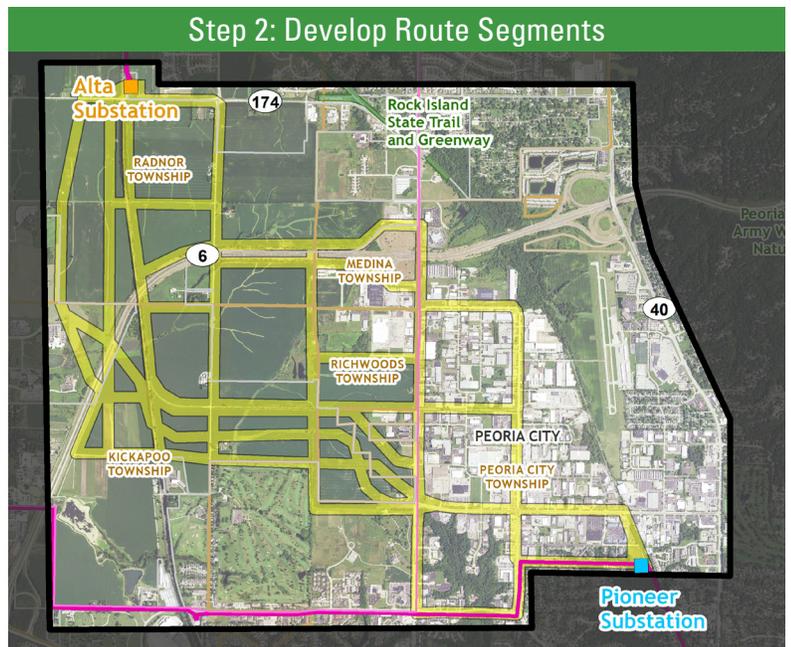
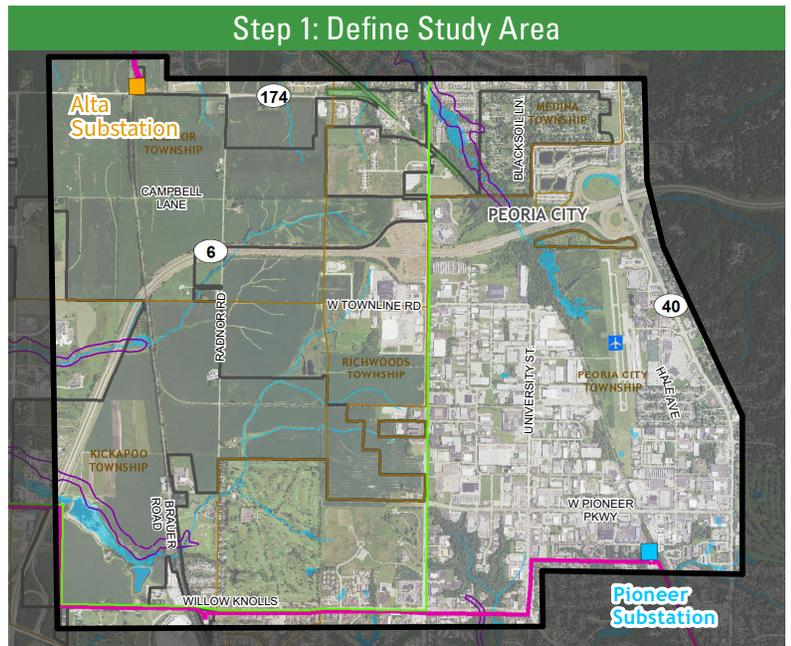
August – September 2022

## 3 STEP 3:

### Develop Route Alternatives

Using the routing criteria, as well as input received from stakeholders and community members during our phase 1 of public involvement, our team will develop Route Alternatives.

November 2022



# ROUTING PROCESS & OUTREACH

Stakeholder input opportunities

Gather and Review Data  
*Ongoing*

Route Segments

Analyze and Identify  
Final Route(s)



Study Area

Route Alternatives

File Route(s) with ICC

# PUBLIC AND STAKEHOLDER INVOLVEMENT

Community leaders and members of the public will have various opportunities to provide input during each phase of the routing process as a preferred and alternate route are defined and submitted for certification by the Illinois Commerce Commission in early 2023. The goal of the routing process is to identify and take advantage of Opportunities while understanding and minimizing impacts to Sensitivities while adhering to Technical Guidelines and Statutory Requirements. The project team will continue to engage local community as the project progresses.

For more information about the project and to sign up to receive email updates, please visit:

[PeoriaCountyReliability.com](http://PeoriaCountyReliability.com)

