






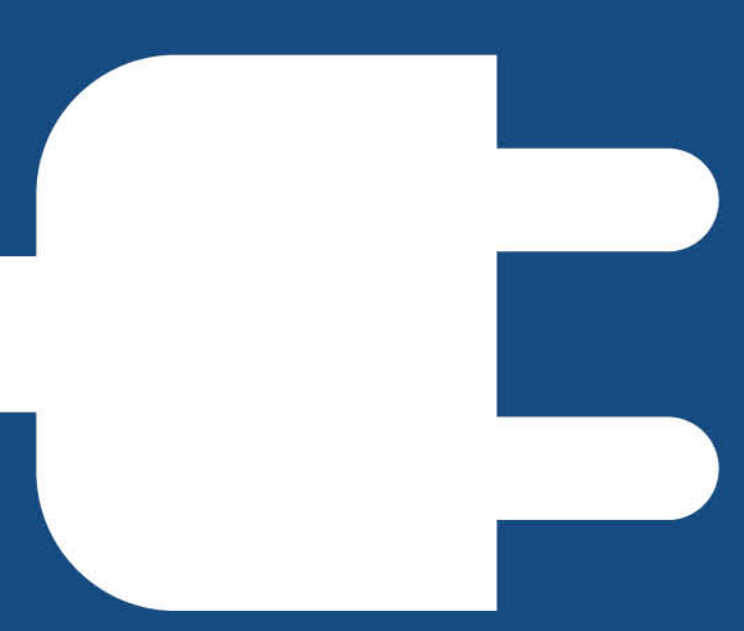
Welcome to our Open House



Open House Goals

-  Learn more about the project
-  Preview project maps
-  Provide feedback and input to the project team





About the Project

Project Description

This project, directed by the Southwest Power Pool (SPP), involves building an approximately 360-mile-long new 345-kilovolt (kV) transmission line between Holcomb, Kansas, and Sidney, Nebraska. The goal is to strengthen the reliability of the electric grid and increase capacity across the region.

Sunflower Electric Power Corporation is working together with other utilities to complete this project. Sunflower's portion will include about 180 miles from Holcomb, Kansas to the Kansas-Colorado border near the South Fork Republican River.

Project Purpose

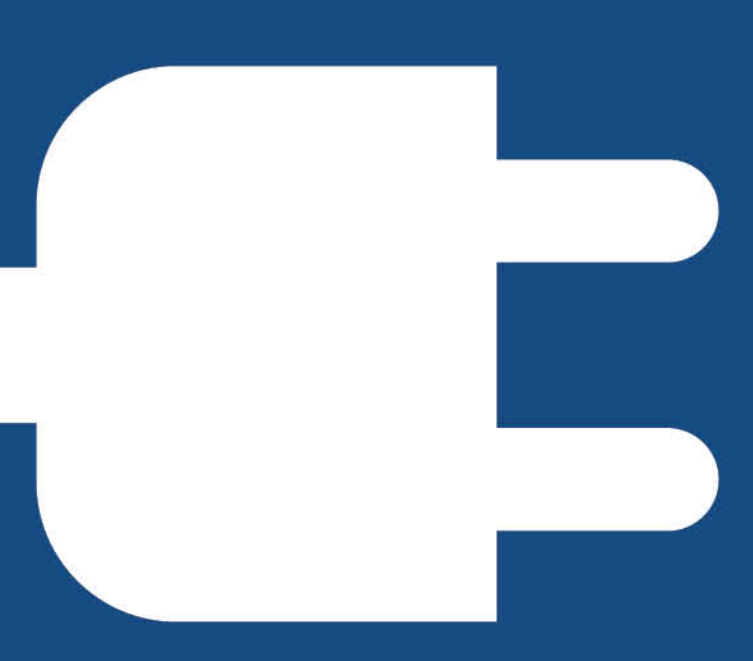
SPP regularly studies the regional power grid to plan for future needs and make sure electricity stays reliable and affordable. Through this planning process, SPP identified the Holcomb to Sidney 345-kV transmission line as an important project to strengthen the grid in Sunflower's service area.

This project will help:

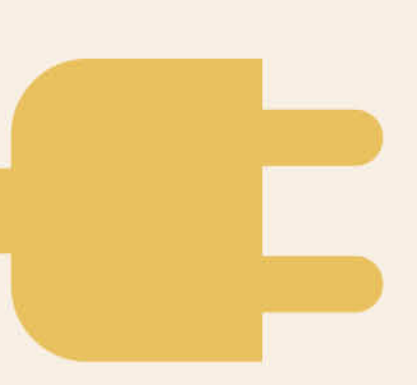
- **Improve reliability** so power can stay on even during severe weather events, like Winter Storm Uri in 2021.
- **Increase capacity** to deliver available generation and future energy sources.



Overall, this project is a key step toward building a stronger, more resilient electric transmission system for the communities we serve.



Engineering



Typical Structure

Voltage:
345 kV

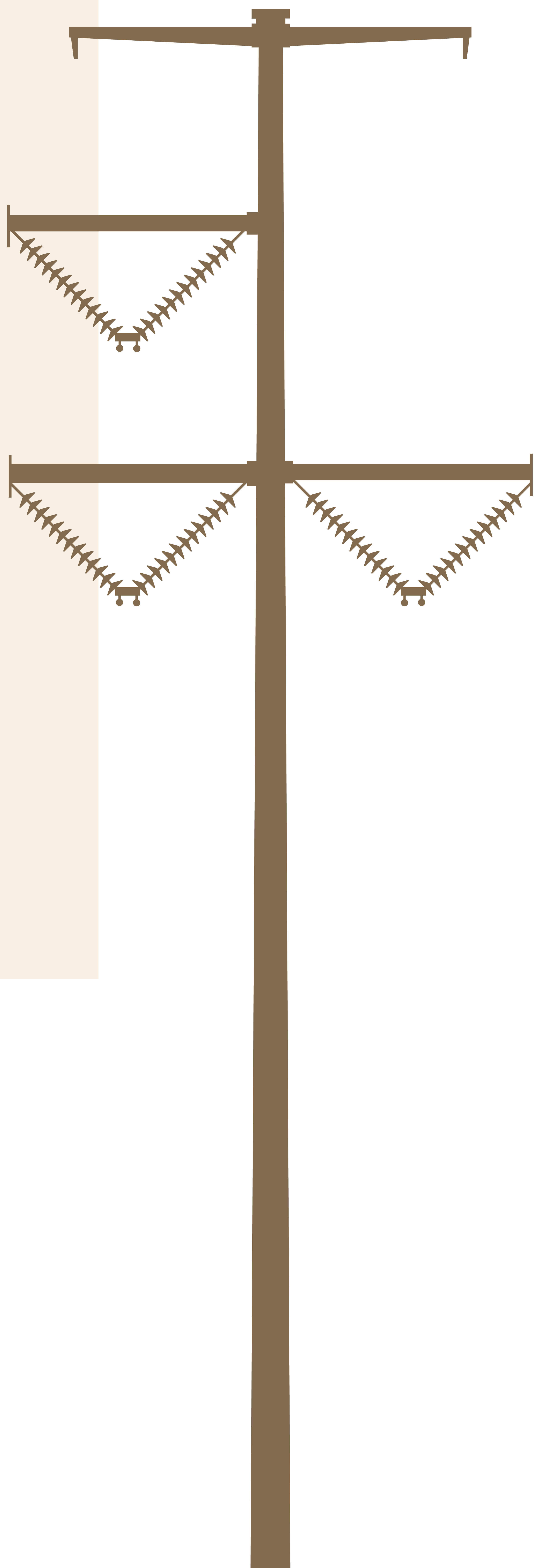
Structure:
Steel monopole

Height range:
115-155 feet typical
135 feet average

Span lengths:
900-1,100 feet typical
1,000 feet average

Structures per mile:
5-6 average

Conductor clearance:
25 feet minimum



Project Timeline

Project Timeline



Construction Process

Transmission line construction happens in phases, so work on a landowner's property will be temporary and not continuous throughout the entire construction period. Before construction begins, we will share more information to keep you informed about what to expect.

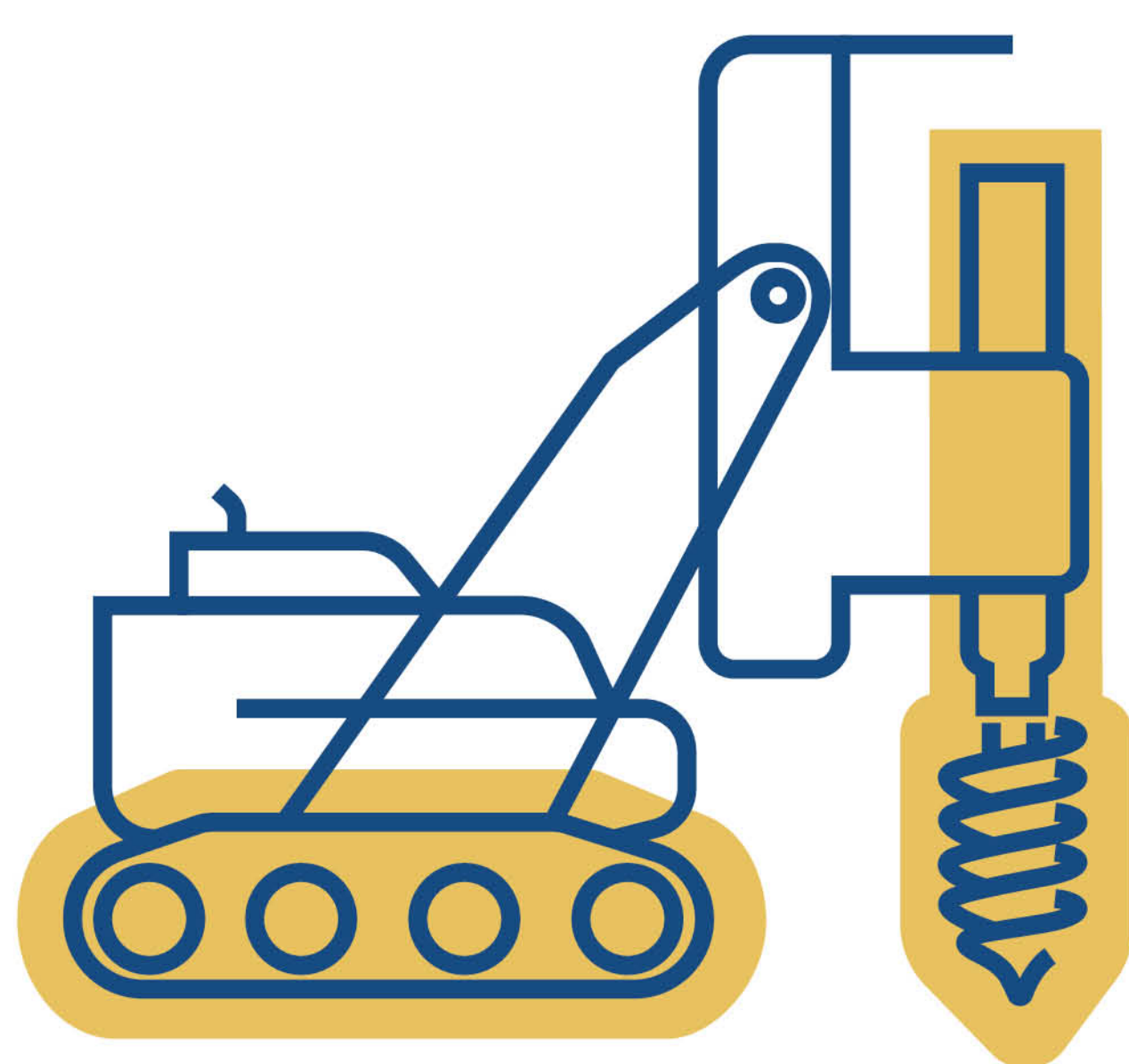
The main stages of construction include:



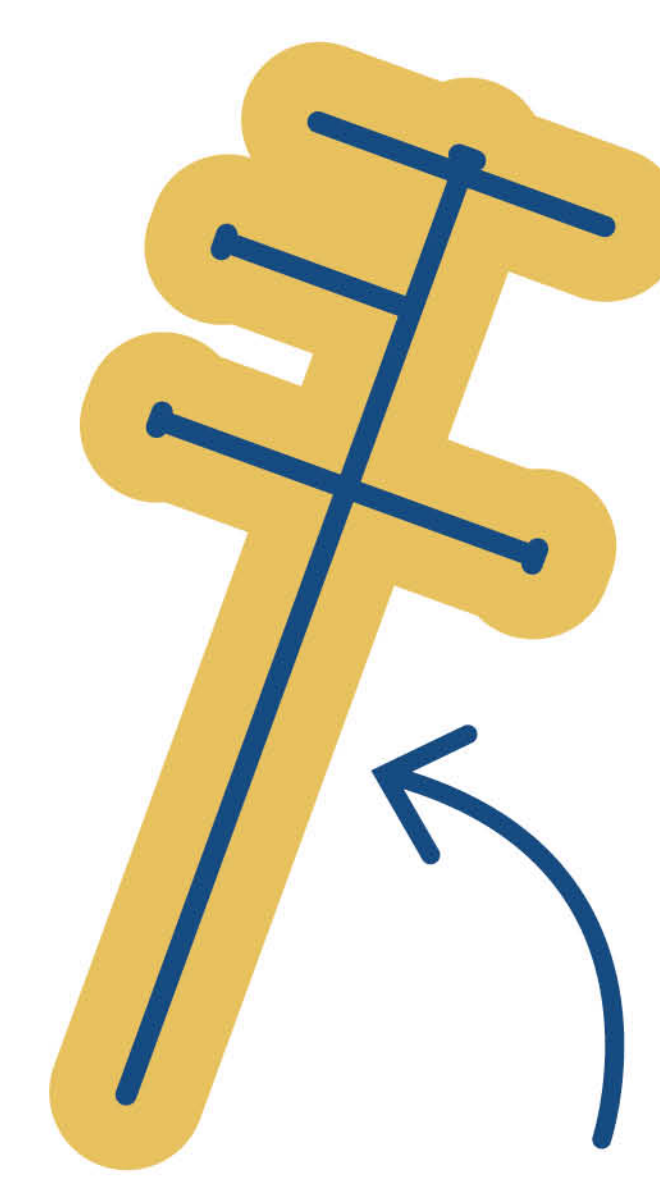
Environmental & Surveying



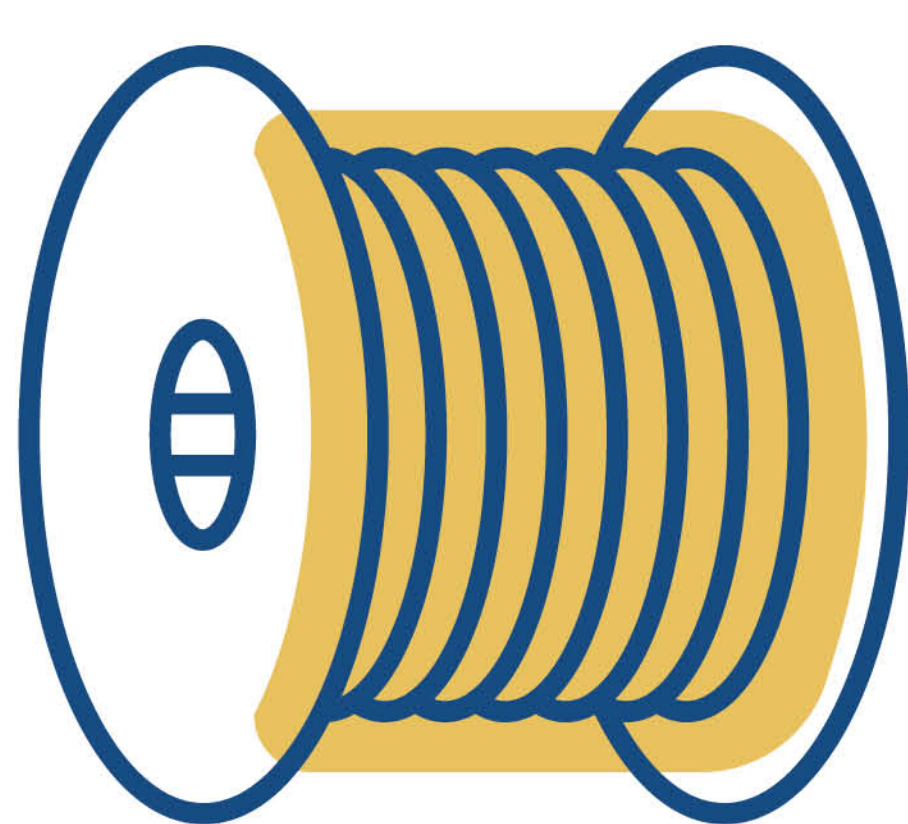
Access and Clearing



Foundations



Structure Erection



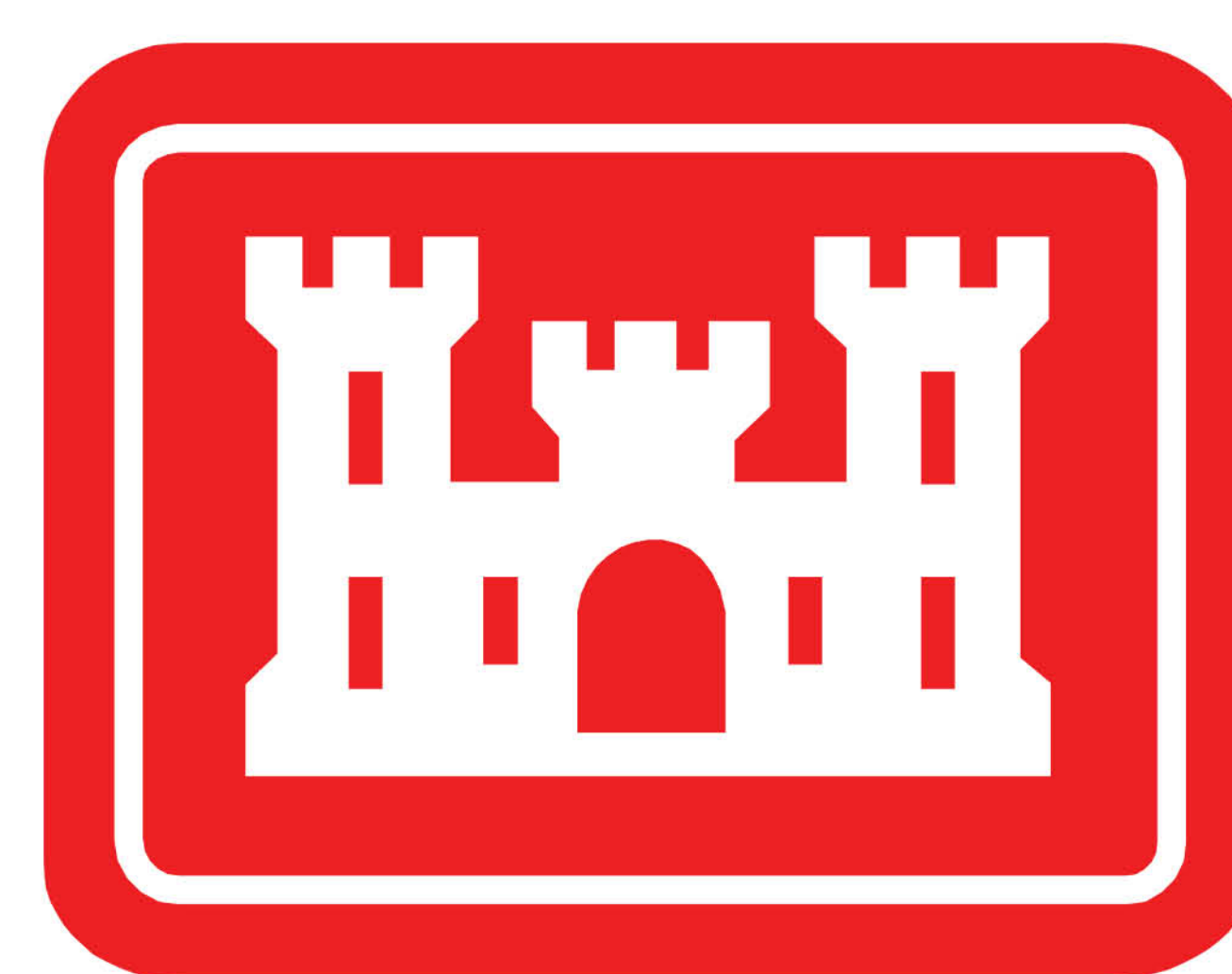
Stringing of Wires



Energization

Environmental

Protecting the environment is a priority, and construction will be conducted responsibly to avoid or minimize impacts to natural resources and sensitive habitats. Sunflower will work closely with the appropriate federal, state, and local agencies to obtain required environmental permits and approvals for the project.



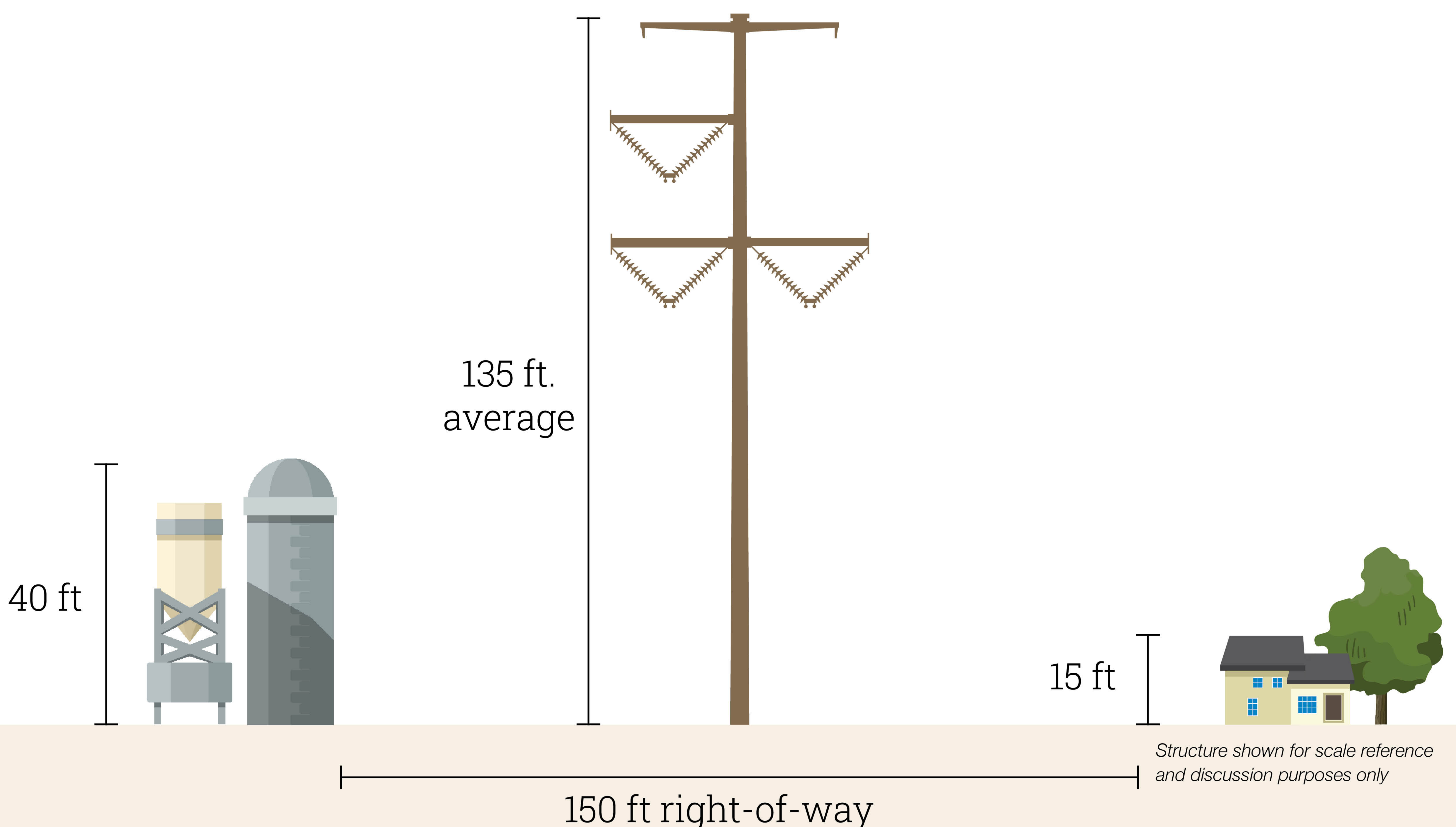
**US Army Corps
of Engineers®**

Right-of-Way Acquisition

Once a final route has been approved by the Kansas Corporation Commission (KCC), our team will begin discussions with impacted landowners. We will work closely with landowners throughout this process, providing clear communication and addressing questions and concerns.

What is an easement?

An easement is an agreement that allows the use of a portion of someone else's property to install and utilize infrastructure such as roadways, utility lines or pipelines. It does not transfer ownership of the land but will grant the right to access the easement for installation and maintenance of the certain infrastructure. Sunflower will be seeking easement rights for the construction, operation, and maintenance of the transmission line.

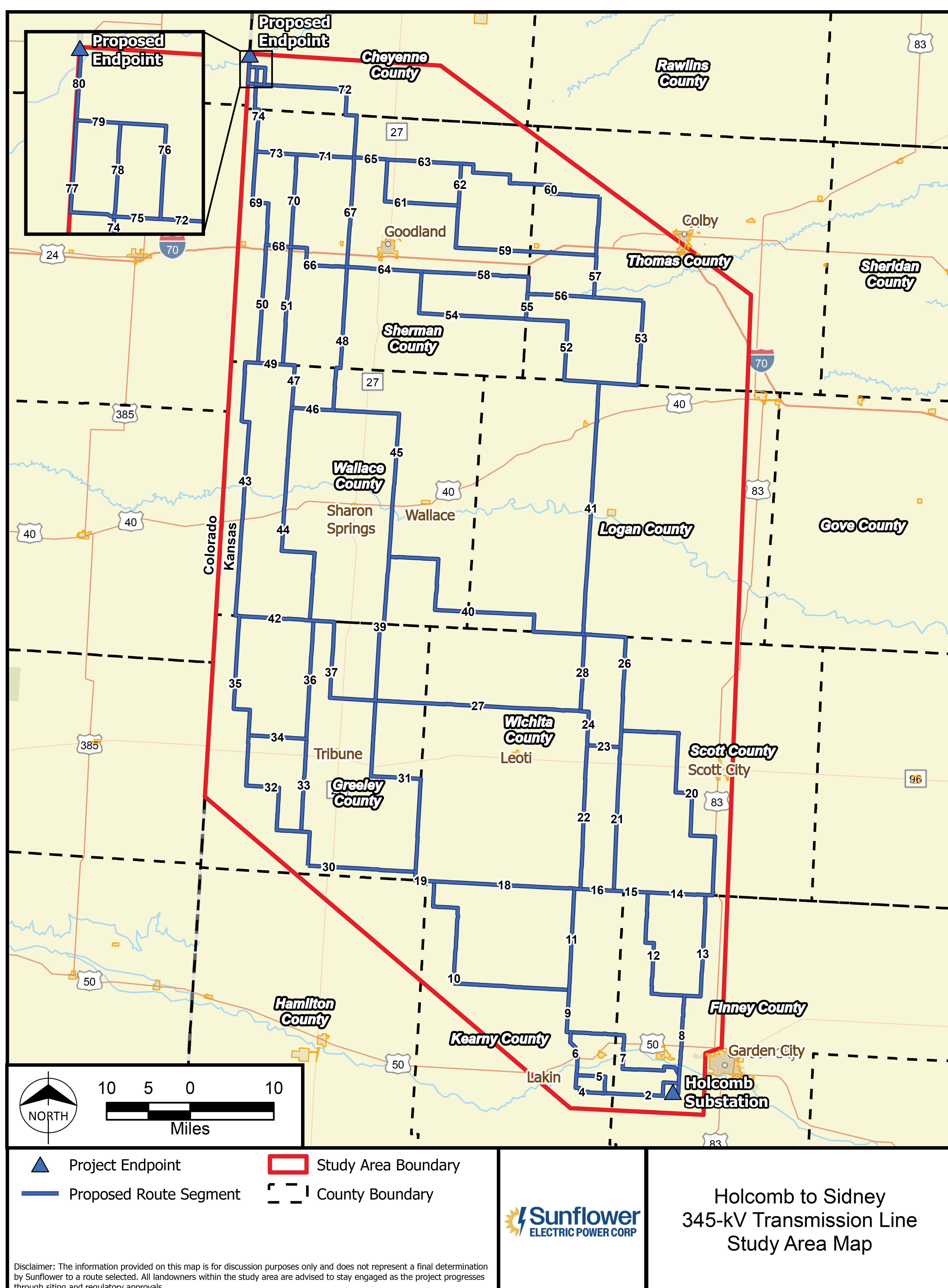




GIS/Map Stations

Location

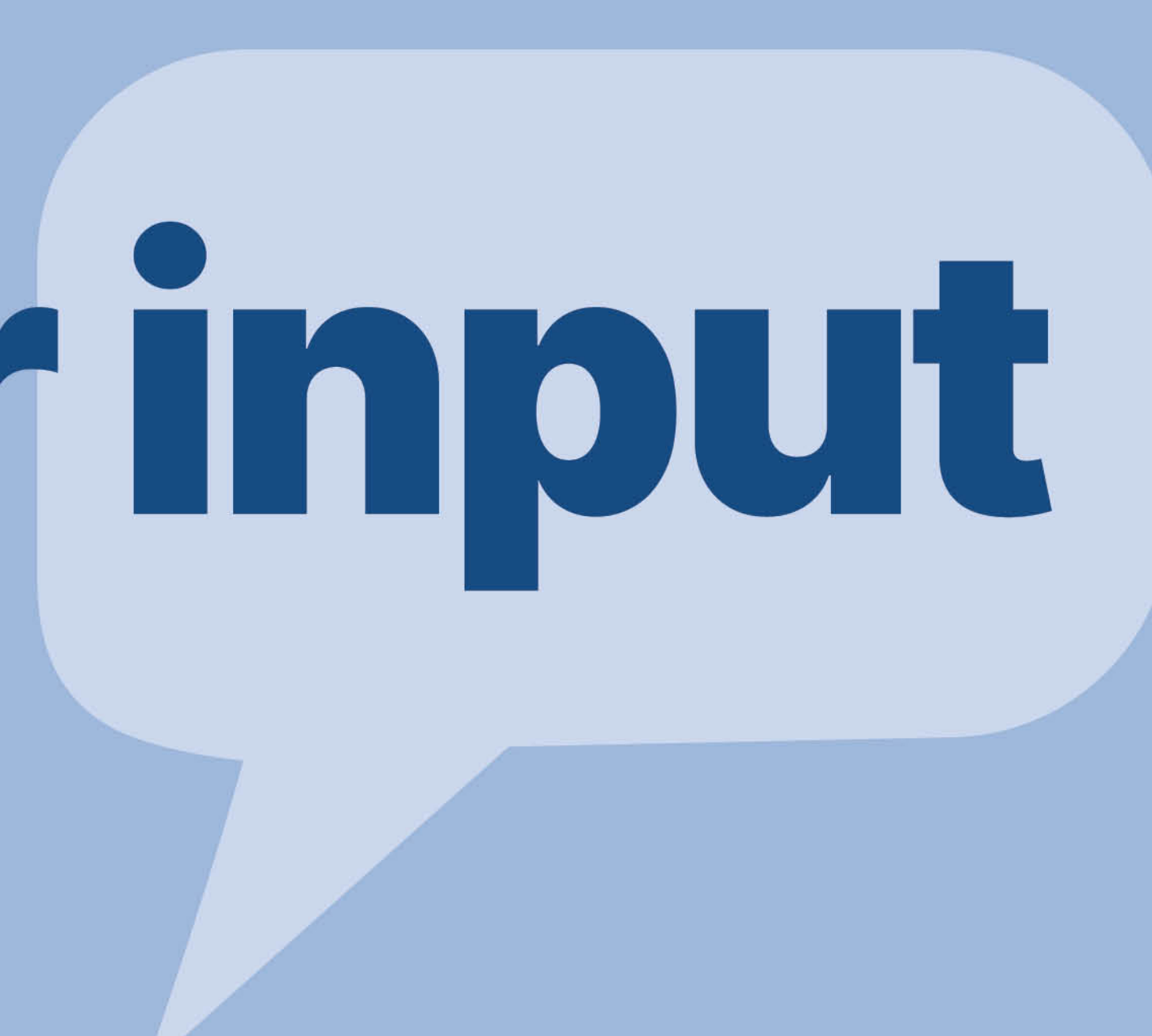
Several potential routes are being evaluated based on engineering feasibility, land use, environmental impact, and public input. The determination of the final route will evaluate technical requirements with community and environmental considerations.





Comments

We value your input
Tell us your thoughts



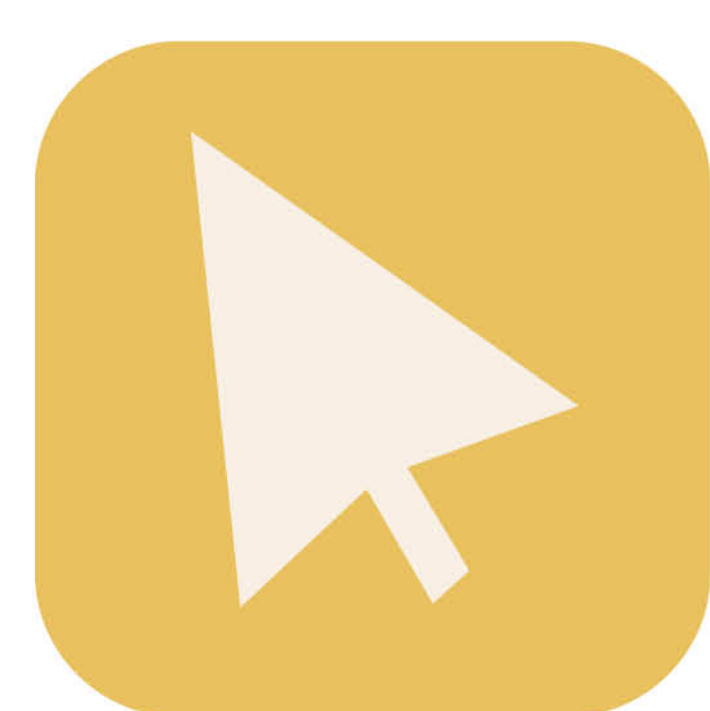
Comment Form

Submit a comment form today, or via mail or email.



Online Interactive Map

Visit our GIS Station to submit a comment and tag it to a specific parcel. You can also do this on our website.



Project Website

Learn more at [www.sunflower.net/
interconnection-guidelines/holcomb-sidney](http://www.sunflower.net/interconnection-guidelines/holcomb-sidney)



Contact Us

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Project Email: contact@holcombsidneyline.com

THANK YOU