

GREGORY AREA TRANSMISSION IMPROVEMENTS PROJECT

AEP Texas representatives plan power grid upgrades to improve electric reliability for customers in San Patricio County. The Gregory Area Transmission Improvements Project involves rebuilding approximately 1 mile of 138-kilovolt (kV) transmission line to strengthen the local transmission system.

WHAT

The project involves:

- Building approximately 1 mile of new 138-kV transmission line to replace a section of the existing Aransas Pass-Rincon transmission line.
- Upgrading equipment at the Gregory Substation.

AEP Texas officials plan to file a Certificate of Convenience and Necessity (CCN) application with the Public Utility Commission of Texas (PUC) following a review of public input on route link development and additional route analysis. Project representatives expect to file a CCN application by November 2024. The final line route is determined by the PUC.

WHY

The proposed project:

- Replaces deteriorating equipment from the 1970s addressing age-related conditions on the power line that can lead to system outages for customers.
- Modernizes the electric system to allow more flexibility to address the area's growing power demand and ensures reliable power, reducing the likelihood and duration of outages for area customers.
- Allows the project team to review and identify potential shifts in the transmission line route to avoid encroachments within the existing right-of-way. This is necessary to ensure safe and reliable electric service and meet current engineering and safety standards.

WHERE

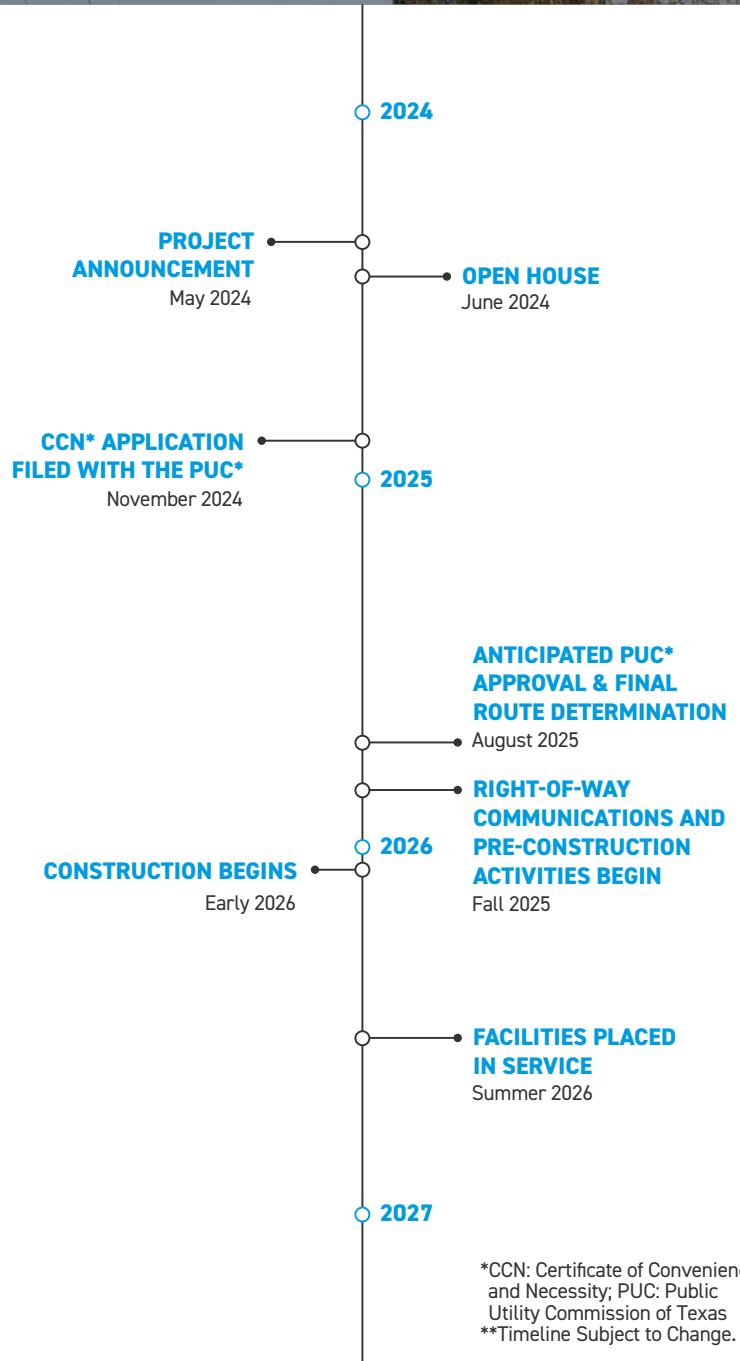
The project area includes the city of Gregory in San Patricio County.

How Preliminary Route Links Are Created

Each preliminary route link represents an option for the PUC to consider when selecting a final transmission line route. To determine the preliminary route links, the AEP Texas project team:

- Establishes a geographical study area that includes the endpoints for the proposed transmission line.
- Evaluates the area inside the study area, accounting for impacts to landowners, land use, existing buildings and infrastructure, geographical features, other utilities, oil and gas pipelines, and many other factors.
- Analyzes information gathered to produce possible routes, broken into sections called preliminary route links.

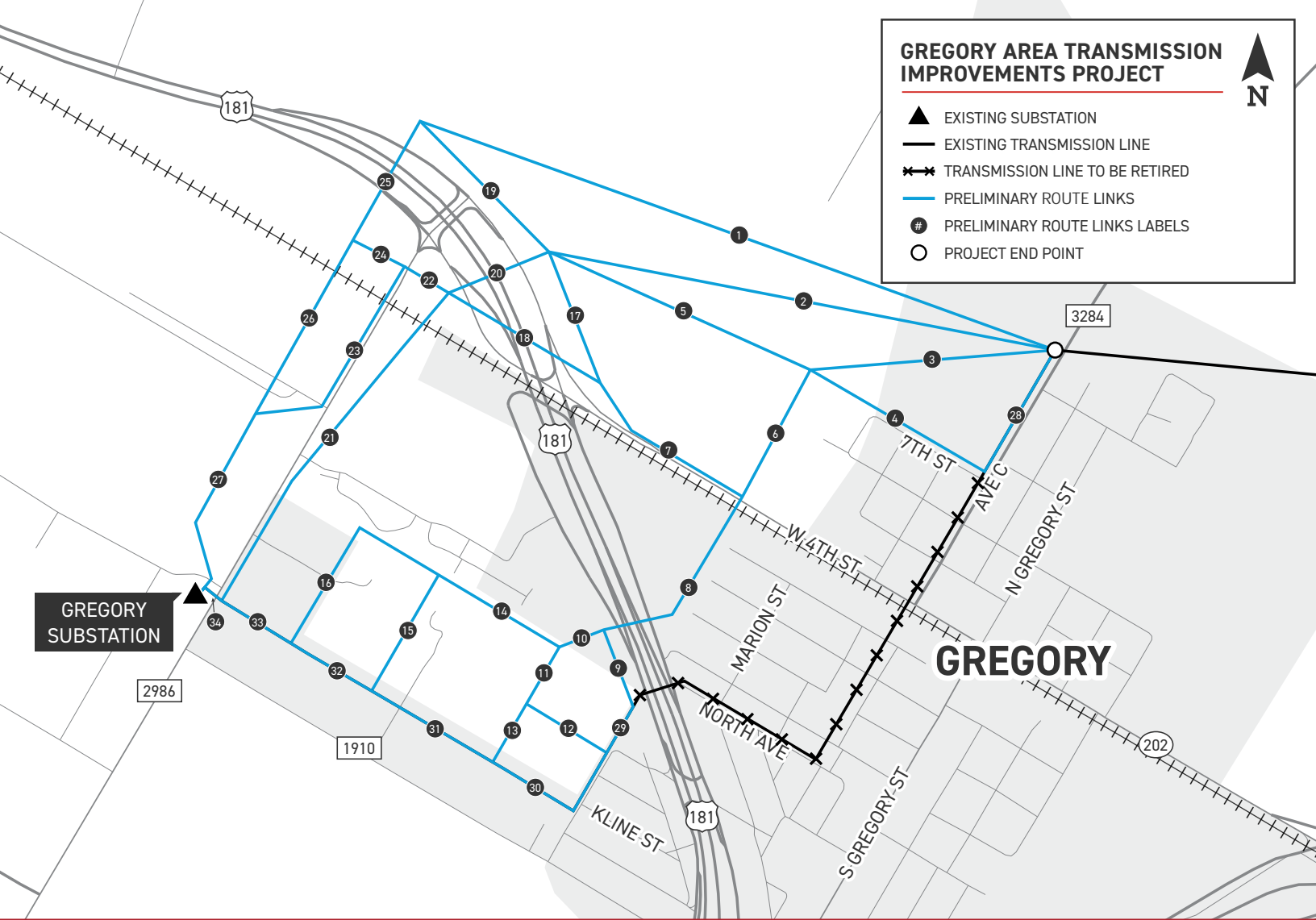
Landowner feedback is critical because it allows AEP Texas to further define the preliminary route links before they are submitted to the PUC as part of the CCN application.



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- ▲ EXISTING SUBSTATION
- EXISTING TRANSMISSION LINE
- ✂ TRANSMISSION LINE TO BE RETIRED
- PRELIMINARY ROUTE LINKS
- # PRELIMINARY ROUTE LINKS LABELS
- PROJECT END POINT



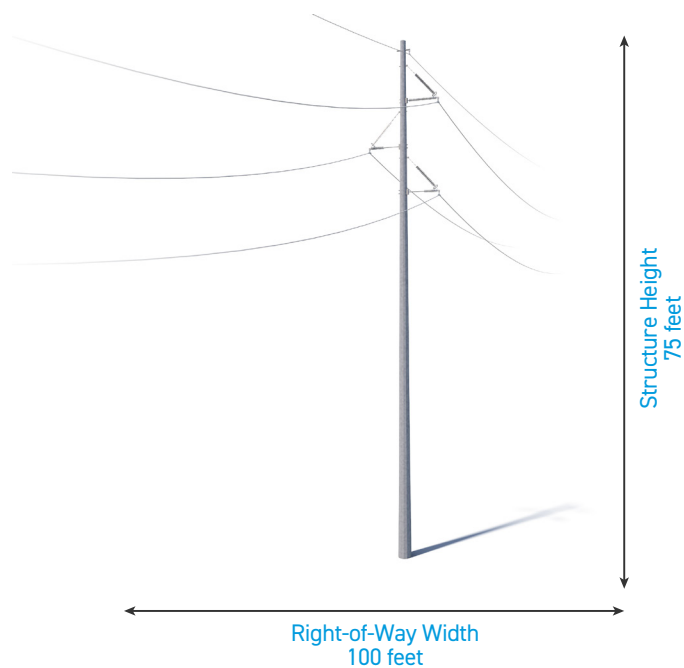
TYPICAL STRUCTURES

AEP Texas crews plan to install single concrete poles on this project.

Typical Structure Height: [Approximately 75 feet](#)

Typical Distance Between Structures: [Approximately 400 feet](#)

Typical Right-of-Way Width: [Approximately 100 feet](#)



*Exact structure, height, and right-of-way requirements may vary.

WE VALUE YOUR INPUT. PLEASE SEND COMMENTS AND QUESTIONS TO:

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