

# JOSLIN - CARBIDE TRANSMISSION IMPROVEMENTS PROJECT

AEP Texas representatives plan power grid upgrades to improve electric reliability for customers in Calhoun County. The Joslin - Carbide Transmission Improvements Project involves building a new 138-kilovolt (kV) transmission line to strengthen the local transmission system.

## WHAT

The project involves:

- Building approximately 3 miles of new 138-kV transmission line to replace a section of the existing Joslin-Carbide transmission line
- Removing approximately 3 miles of the Joslin-Carbide transmission line located near Interstate Highway 35

\*The new 3-mile power line will connect a future substation to the existing Joslin - Carbide transmission line.

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 early 2024. The final line route is determined by the PUC.

## WHY

The proposed project:

- Replaces aging infrastructure from 1970 with modern steel poles to meet current engineering and operational standards
- Improves the operational performance of the power line and decreases the likelihood of larger, sustained community power outages
- Provides additional electrical capacity to support the area's future growth and development

## WHERE

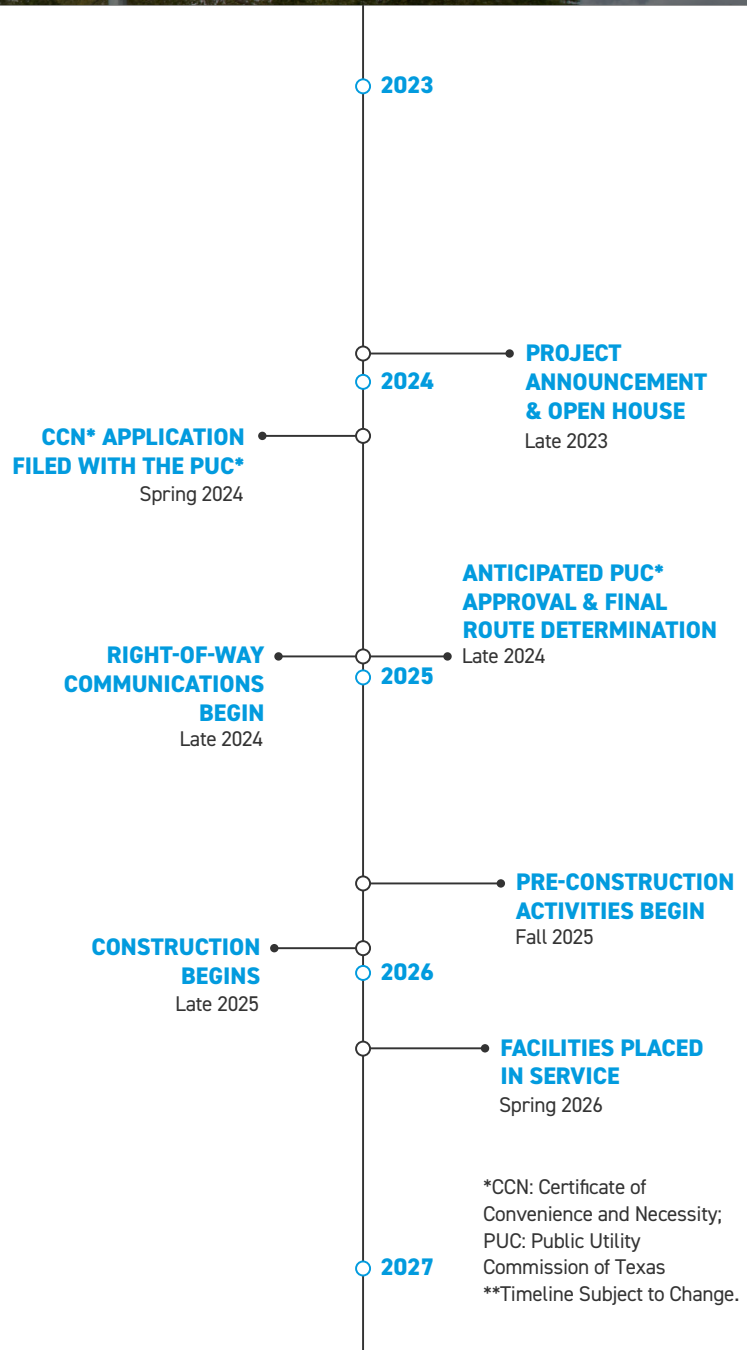
The project area includes the city of Port Lavaca and Calhoun County.

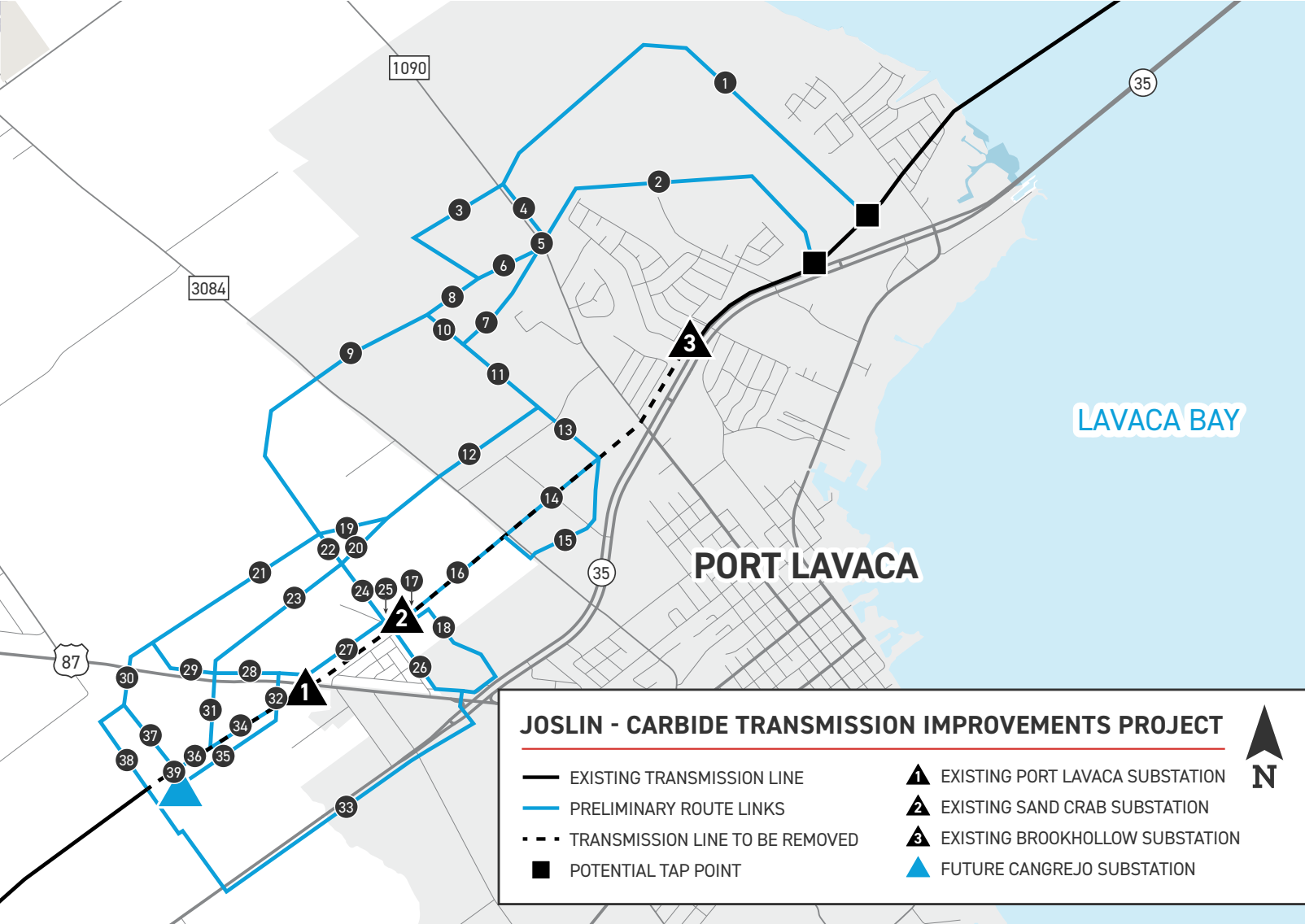
### How Preliminary Route Links Are Created

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.





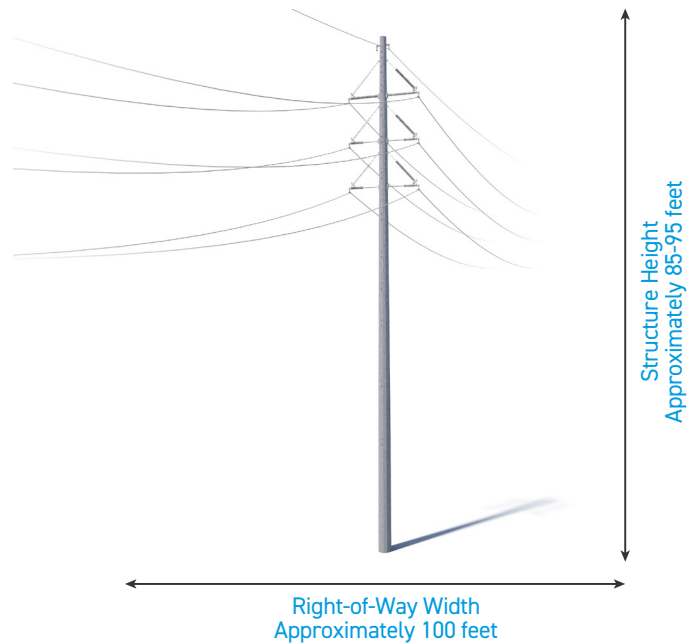
## TYPICAL STRUCTURES

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

Typical Structure Height: [Approximately 85-95 feet](#)

Typical Distance Between Structures: [Approximately 600 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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