

# 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.

## WHY

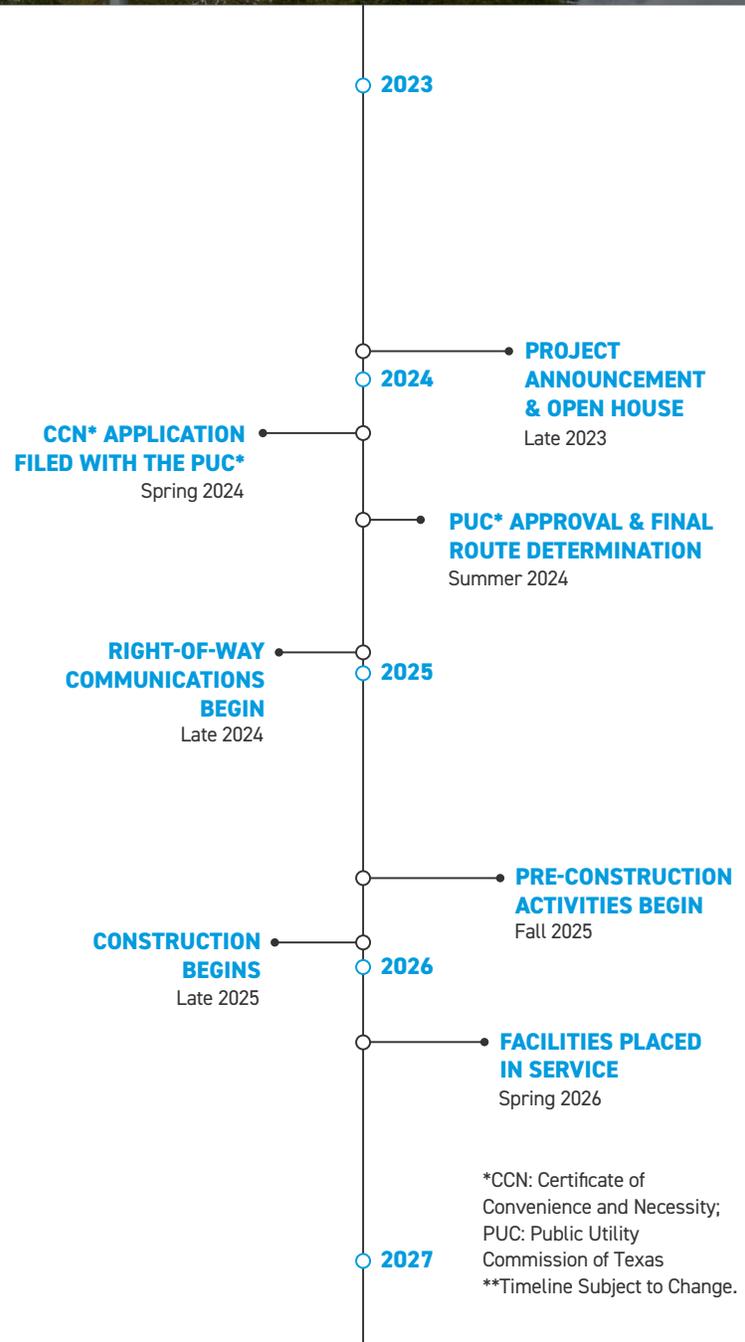
The proposed project:

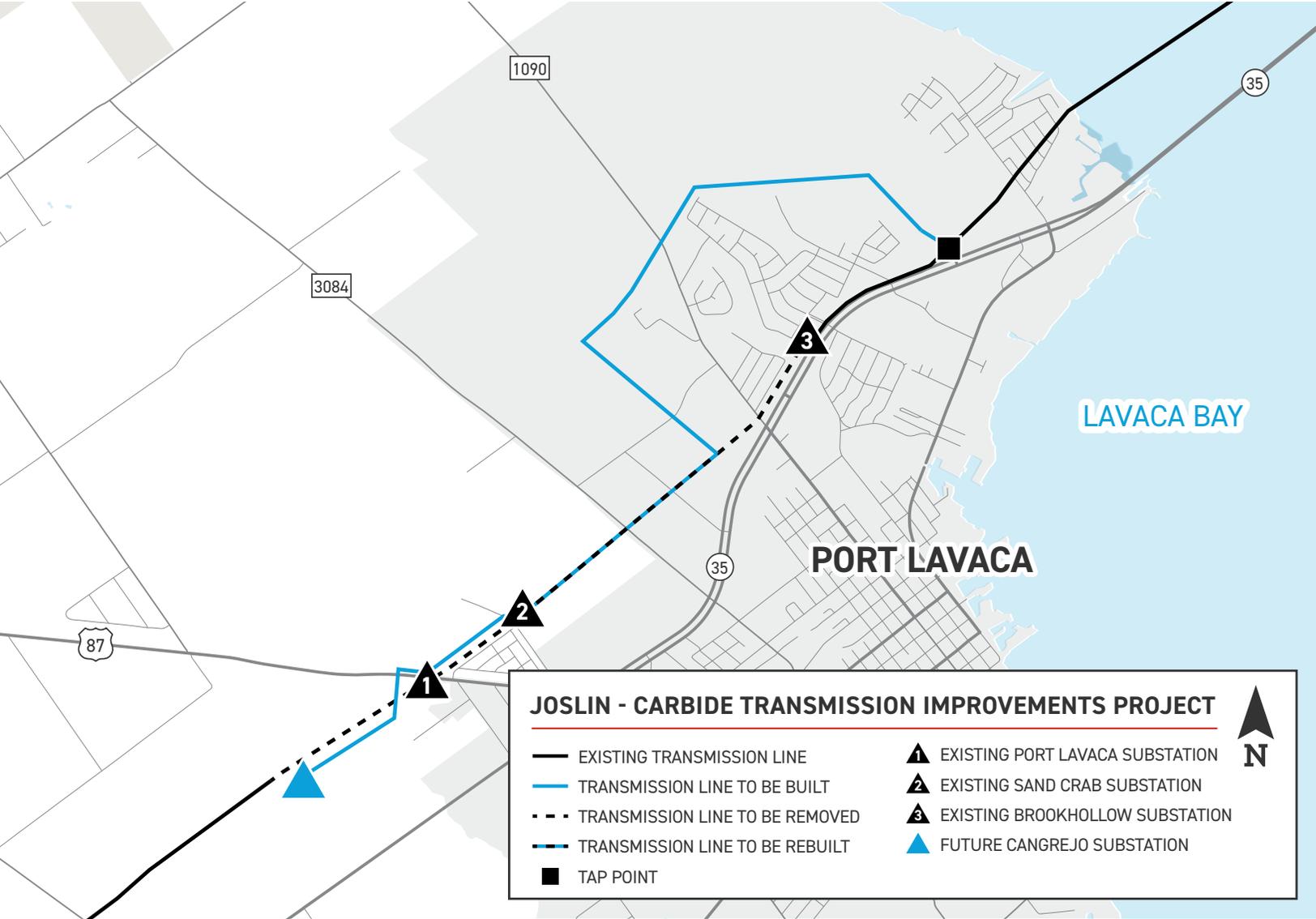
- Replaces aging infrastructure from 1970 with modern steel poles to meet current engineering and operational standards
- Improves the operational performance of the power line and decreases the likelihood of larger, sustained community power outages
- Provides additional electrical capacity to support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

## WHERE

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

AEP Texas officials filed an application for a Certificate of Convenience and Necessity (CCN) with the Public Utility Commission of Texas (PUC) in May 2024 after taking public input on potential line routes. The PUC approved the project and line route in August 2024.





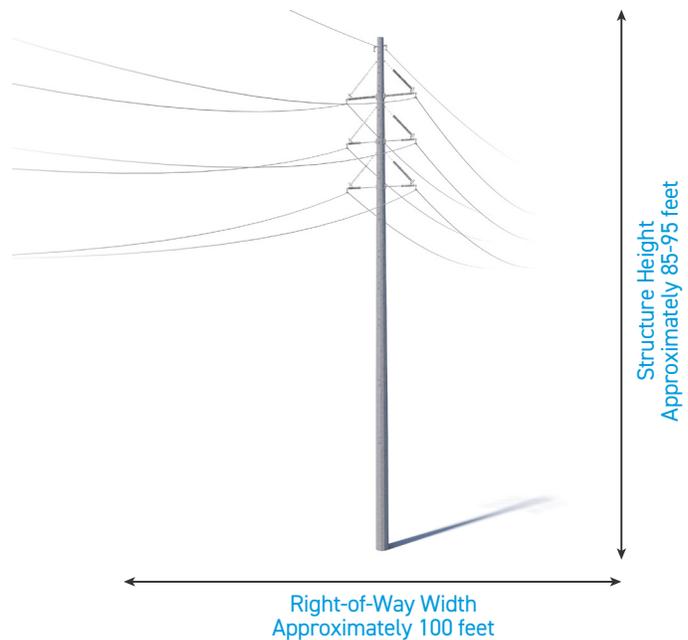
**JOSLIN - CARBIDE TRANSMISSION IMPROVEMENTS PROJECT**

— EXISTING TRANSMISSION LINE	▲ EXISTING PORT LAVACA SUBSTATION
— TRANSMISSION LINE TO BE BUILT	▲ EXISTING SAND CRAB SUBSTATION
- - - TRANSMISSION LINE TO BE REMOVED	▲ EXISTING BROOKHOLLOW SUBSTATION
- - - TRANSMISSION LINE TO BE REBUILT	▲ FUTURE CANGREJO SUBSTATION
■ TAP POINT	

## 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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