

LA PALMA-KINGFISHER

TRANSMISSION IMPROVEMENTS PROJECT



AEP Texas and Sharyland Utilities representatives plan to improve the transmission network in the San Benito region. The Public Utility Commission of Texas (PUC) determined the need for this project to ensure safe and reliable electric service in the Lower Rio Grande Valley. The proposed power line and substation strengthen the local electric system by providing a second power source to the area, enhancing electric reliability and speeding service restoration, if an outage occurs.



WHAT

The project involves:

- Building approximately 5-7 miles of 345-kilovolt transmission line
- Upgrading AEP Texas' La Palma Substation
- Constructing Sharyland's proposed Kingfisher Substation

AEP Texas and Sharyland officials plan to file a Certificate of Convenience and Necessity (CCN) 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 June 30, 2022.

WHY

The PUC, a state agency created by the Texas legislature to provide statewide regulation of rates and services of certain utilities, ordered this project to support the electric transmission service needs in the Lower Rio Grande Valley. These improvements ensure safe reliable power to customers in far south Texas.

The project:

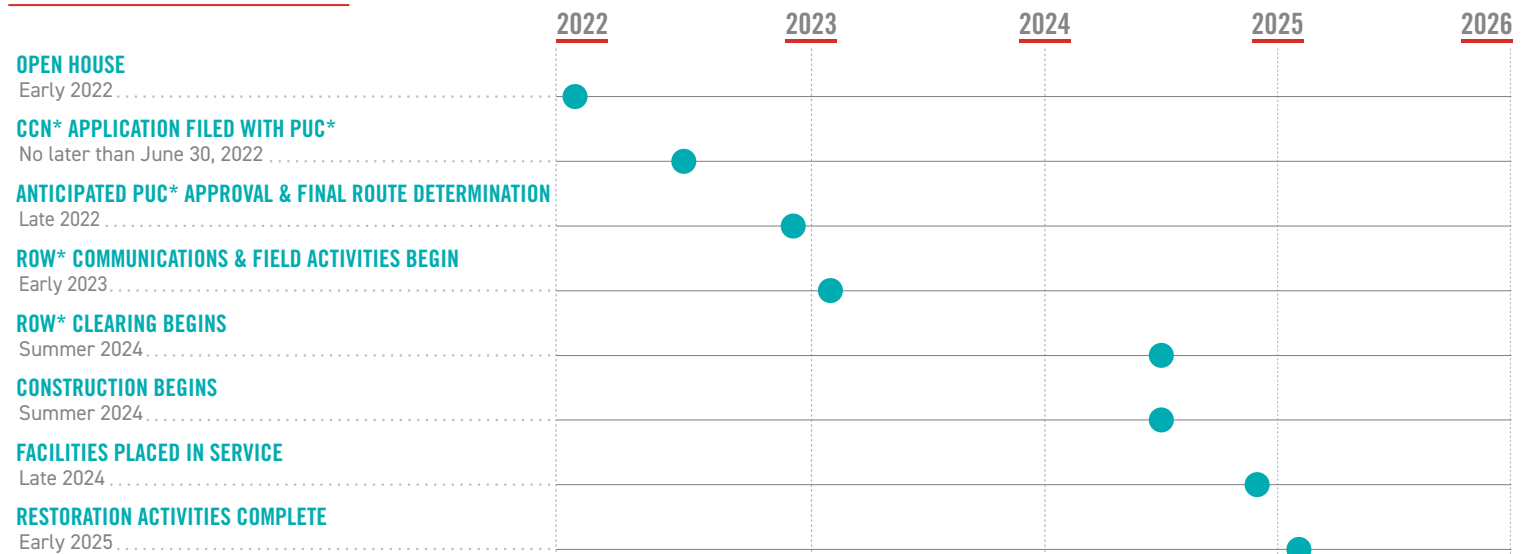
- Provides an additional transmission line and substation, adding resiliency against severe weather events
- Establishes a second power line to ensure customers continue to receive power if the other area transmission line experiences an extended outage.

WHERE

The proposed line stretches between AEP Texas' La Palma Substation, located near South Oscar Williams Road and La Palma Street, and Sharyland's proposed Kingfisher Substation, located approximately 1 mile south of San Jose Road on Casey Road.



PROJECT SCHEDULE



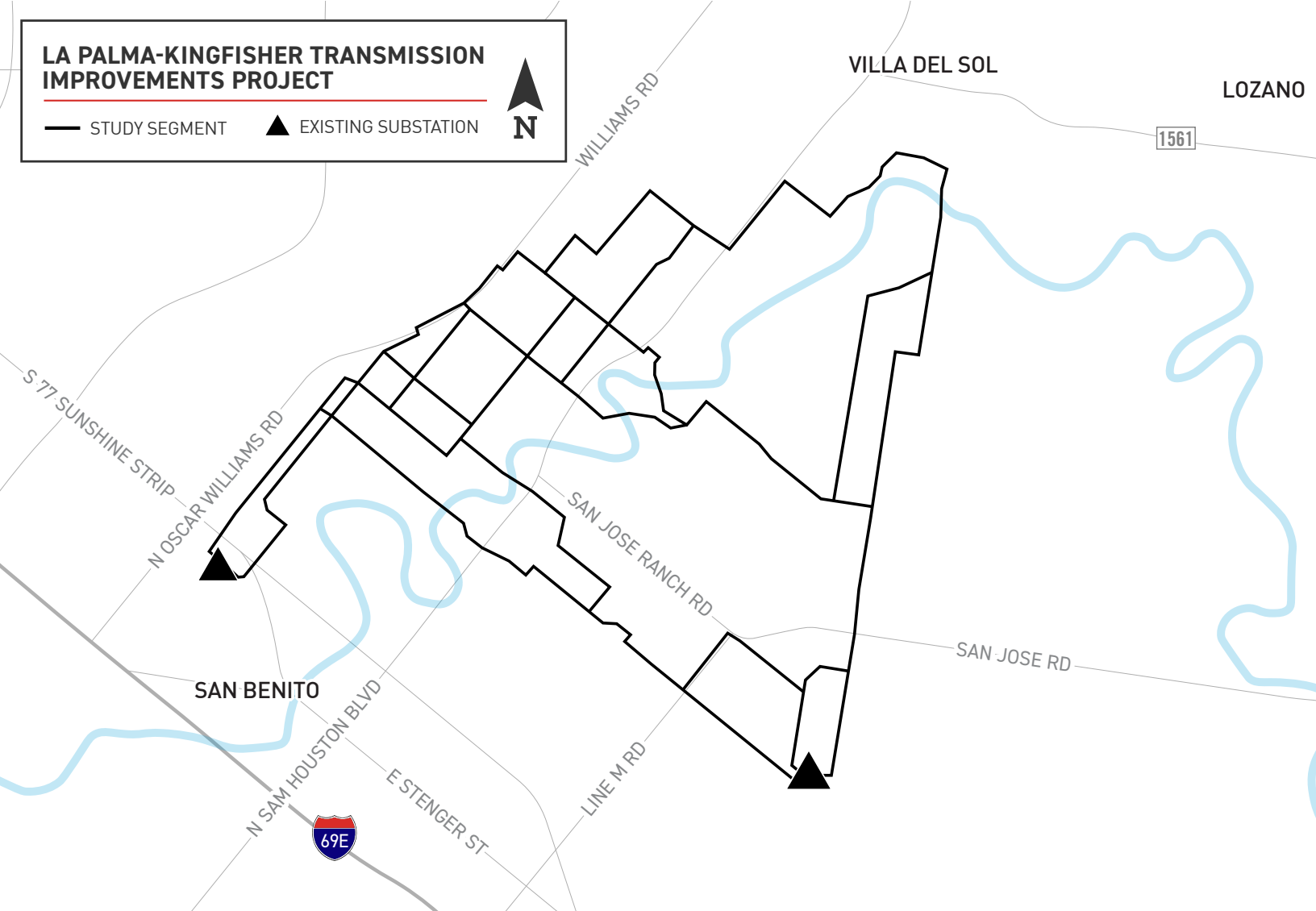
*CCN: Certificate of Convenience and Necessity; PUC: Public Utility Commission of Texas; ROW: Right-of-Way

**Timeline subject to change.

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— STUDY SEGMENT

▲ EXISTING SUBSTATION



TYPICAL STRUCTURES

AEP Texas and Sharyland plan to use steel monopoles.

Typical Height: 155 feet

Typical Distance Between Structures: 700 - 800 feet

Typical Right-of-Way Width: 150 feet

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



AEP TEXAS AND SHARYLAND VALUE YOUR INPUT ABOUT THIS PROJECT. PLEASE SEND COMMENTS AND QUESTIONS TO:

AEP TEXAS & SHARYLAND UTILITIES PROJECT TEAM

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