

# CRUCE - DEL SOL TRANSMISSION IMPROVEMENTS PROJECT

AEP Texas, Electric Transmission Texas (ETT) and South Texas Electric Cooperative (STEC) are developing the Cruce - Del Sol Transmission Improvements Project, a new overhead electric transmission line in south Texas designed to strengthen the electric grid to help withstand weather impacts, decreasing the likelihood and duration of community-wide outages.

## WHAT

The project involves:

- Building approximately 57 miles of double-circuit 345-kilovolt (kV) transmission line from ETT's Del Sol Substation to AEP Texas' future Cruce Substation.
- Expanding the ETT Del Sol Substation, located near Rio Grande City.
- Building of AEP Texas' future Cruce Substation located near Hebbronville.

AEP Texas, ETT and STEC officials filed an application for a Certificate of Convenience and Necessity (CCN) with the Public Utility Commission of Texas (PUC) in June 2023 after taking public input on potential line routes. The PUC approved the project and line route in February 2024.

## WHY

In late 2021, the PUC and Electric Reliability Council of Texas (ERCOT) identified the need for additional transmission lines in south Texas. The PUC is the state agency that regulates transmission and distribution companies, including AEP Texas, ETT and STEC, and oversees ERCOT. ERCOT endorsed the need for the project in its role as the state's grid operator to support safe, reliable power delivery for customers across south Texas.

The Cruce - Del Sol Transmission Improvements Project benefits south Texas by:

- Improving regional reliability and resiliency with the addition of a new 345-kV transmission line and a new substation.
- Helping strengthen the power grid against severe weather events.
- Reducing the likelihood and duration of wide, community-sustained outages.
- Providing additional capacity for growth and economic development.

## WHERE

The project area includes: Brooks County, Duval County, Jim Hogg County and Starr County.

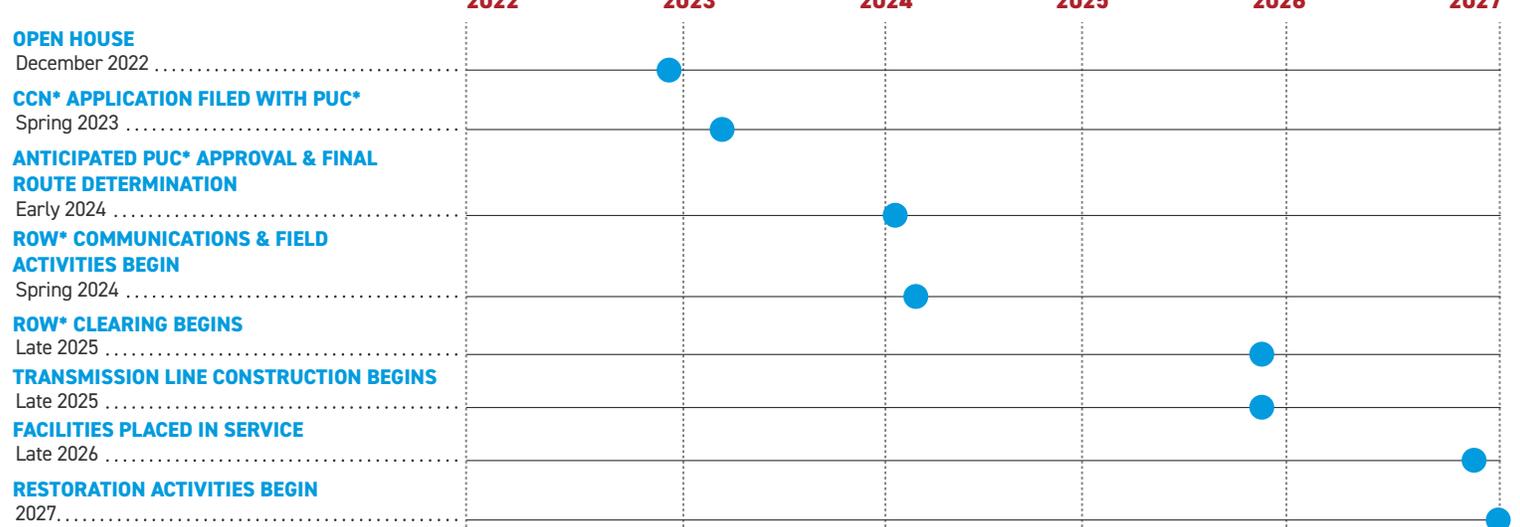
### Before Construction

A right-of-way agent may contact you if AEP Texas needs to acquire an easement on your property. You will also be contacted should crews need to access your property for survey work or construction.

Some pre-construction activities include:

- Removing or trimming vegetation, and removing or relocating non-habitable structures from the right-of-way
- Installing temporary gates, fencing and access roads
- Installing culverts for water management

## PROJECT SCHEDULE



\*CCN: Certificate of Convenience and Necessity; PUC: Public Utility Commission of Texas; ROW: Right-of-Way \*\*Timeline subject to change.

## TYPICAL STRUCTURES

Typical regional farming practices can continue within the right-of-way, right up to the structure. AEP Texas, ETT and STEC treat people and the environment with respect in constructing new facilities by prioritizing proactive and early engagement with landowners and stakeholders and working with local, state and federal agencies.

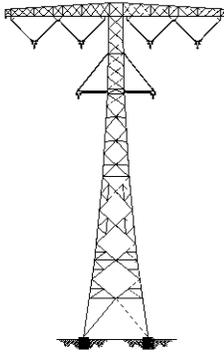
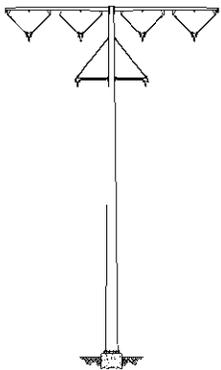
Typical Structure Height: **140 feet**

Typical Distance Between Structures:

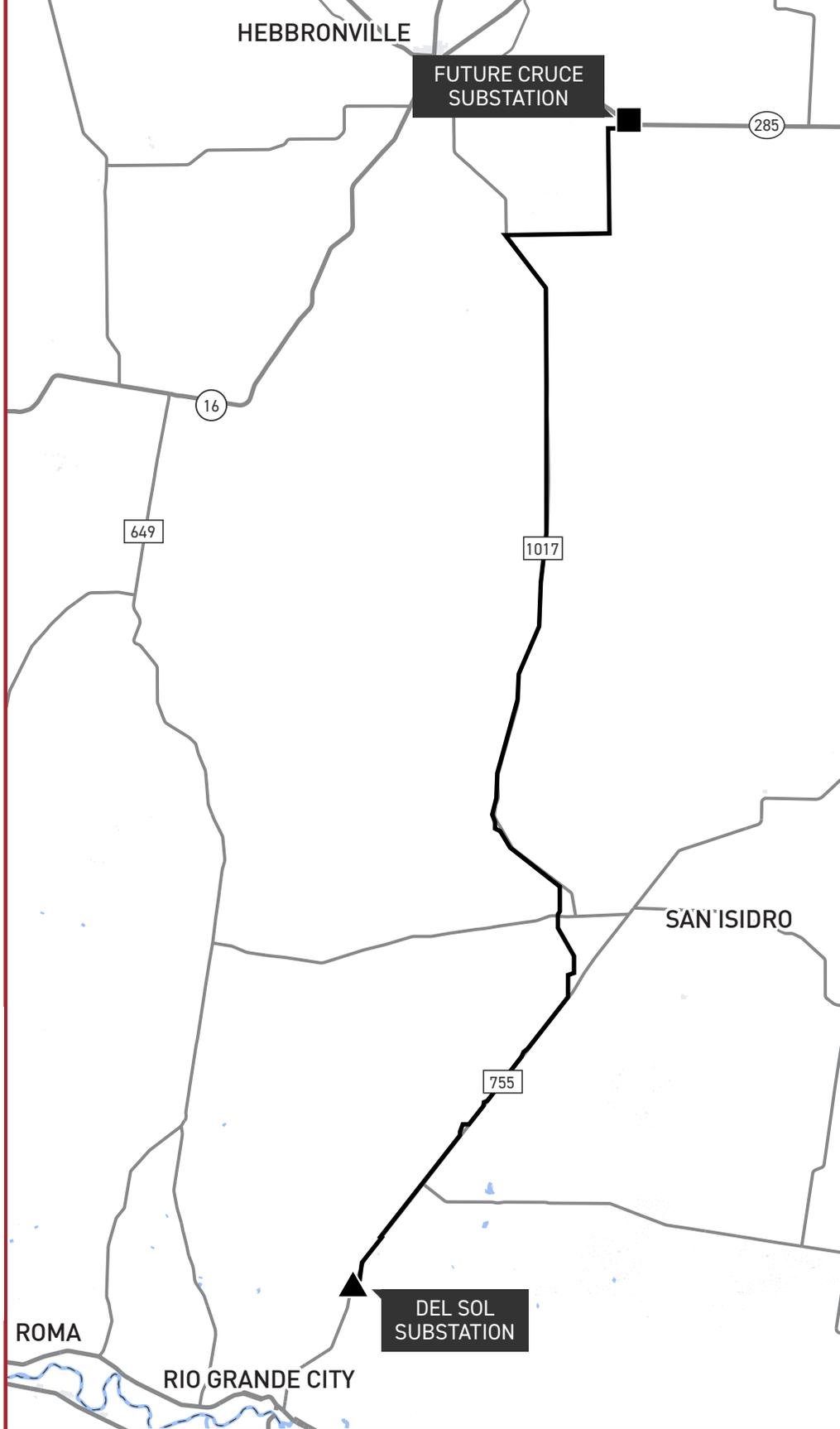
**Monopole: Approximately 800 - 1,000 feet**

**Lattice: Approximately 1,200 - 1,400 feet**

Typical Right-of-Way Width: **150 feet**



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



### CRUCE-DEL SOL TRANSMISSION IMPROVEMENTS PROJECT

— APPROVED ROUTE ▲ EXISTING SUBSTATION ■ FUTURE SUBSTATION



**LEARN MORE ABOUT THE PROJECT AND  
SUBMIT COMMENTS FOR CONSIDERATION**

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