

# CENIZO - CRUCE

## TRANSMISSION IMPROVEMENTS PROJECT



AEP Texas and Electric Transmission Texas (ETT) are developing the Cenizo - Cruce 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 65 miles of double-circuit 345-kilovolt (kV) transmission line from ETT's Cenizo Substation to AEP Texas' future Cruce Substation.
- Expanding the ETT Cenizo Substation, located near Laredo.
- Building of AEP Texas' future Cruce Substation located near Hebbronville.

AEP Texas and ETT officials filed an application to amend their Certificate of Convenience and Necessity (CCN) with the Public Utility Commission of Texas (PUC) in August 2023 after taking public input on potential line routes. The PUC approved the project and line route in May 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 and ETT, 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 Cenizo - Cruce 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.
- Strengthening 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:

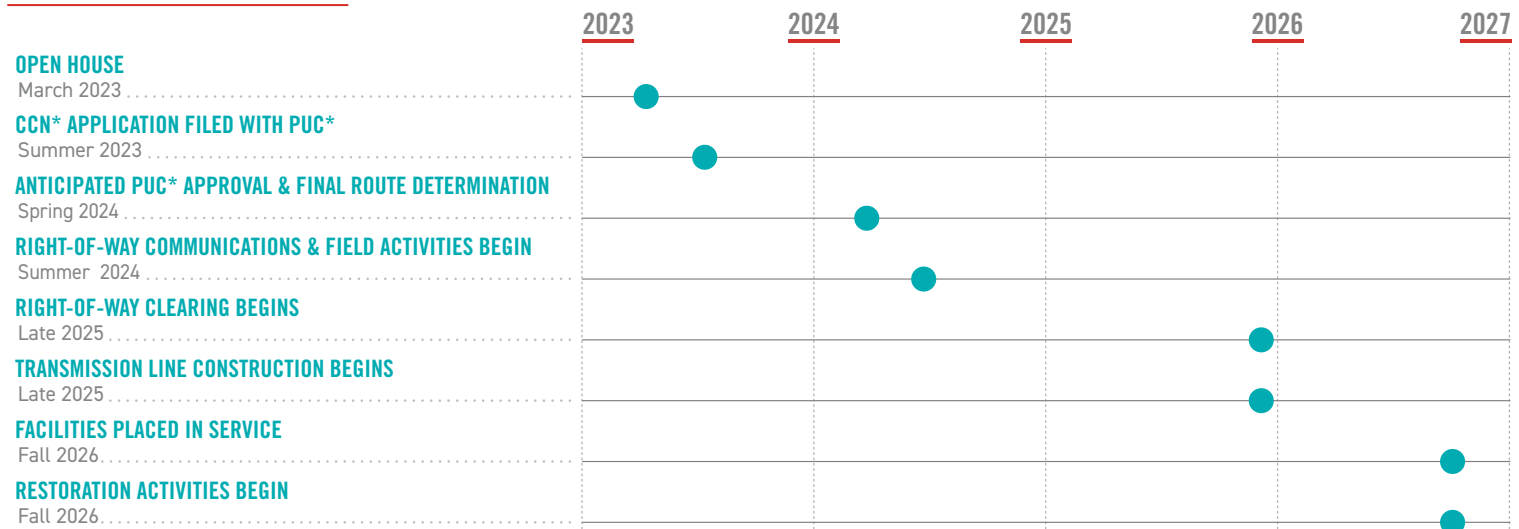
Webb, Zapata, Jim Hogg, Duval, Brooks Counties

Percheron LLC, the right-of-way representative for the project, plans to communicate with affected landowners regarding necessary easements and field activities.

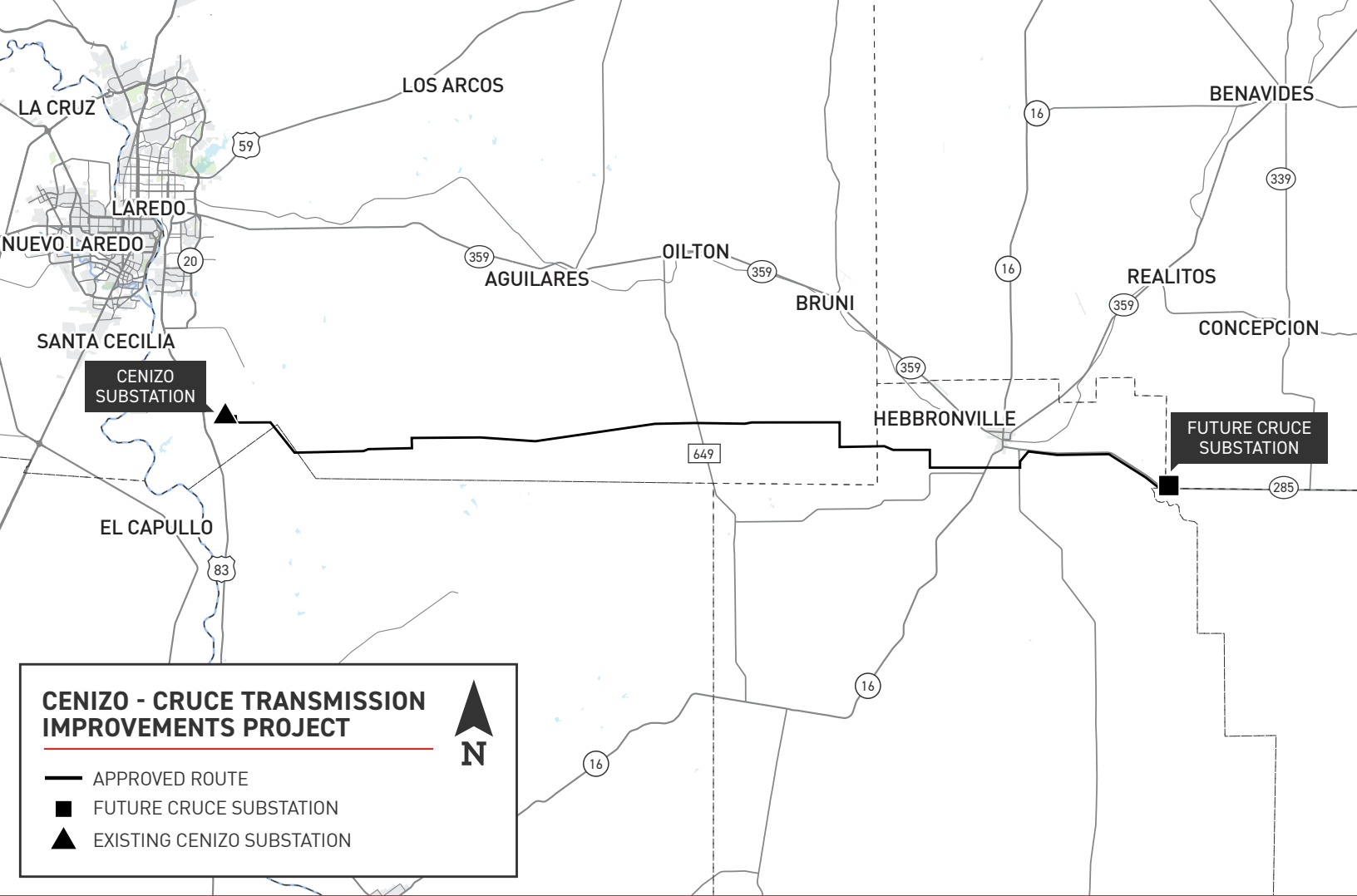
Field activities include:

- 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 \*\*Timeline subject to change.



### CENIZO - CRUCE TRANSMISSION IMPROVEMENTS PROJECT



- APPROVED ROUTE
- FUTURE CRUCE SUBSTATION
- ▲ EXISTING CENIZO SUBSTATION

## TYPICAL STRUCTURES

The new structures will include AEP's BOLD (Breakthrough in Overhead Line Design) technology, which is capable of operating more efficiently than conventional transmission pole designs.

Typical Height: 140 feet

Typical Distance Between Structures: Approximately 1,200 feet

Typical Right-of-Way Width: 150 feet

\*Representative structure, exact height and right-of-way requirements may vary based on geography and other factors.

Typical regional farming practices can continue within the right-of-way, right up to the structure. Both AEP Texas and ETT 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.



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

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