

Brownsville 138-kV Transmission Line Project

AEP Texas representatives plan to upgrade the local electric transmission system serving Cameron County. The Brownsville 138-kilovolt (kV) Transmission Line Project involves rebuilding approximately 44.5 miles of 138-kV electric transmission line to enhance electric reliability for area residents and businesses.

What

The project involves:

- Rebuilding approximately 10 miles of 138-kV transmission line between La Palma Substation and Los Fresnos Substations.
- Rebuilding approximately 12 miles of 138-kV transmission line between Los Fresnos Substation and the Stillman Substation.
- Rebuilding approximately 10 miles of 138-kV transmission line between Military Highway Substation and Villa Cavazos Substation.
- Rebuilding approximately 12 miles of 138-kV transmission line between La Palma Substation and Villa Cavazos Substation.
- Upgrading equipment at Military Highway, La Palma, Villa Cavazos and Los Fresnos Substations to meet current AEP engineering and operational standards.

The company plans to apply for a Certificate of Convenience and Necessity (CCN) application with the Public Utility Commission of Texas (PUCT) following a review of public input on the power lines' route link development and additional route analysis. The company expects to file a CCN application by Spring 2027. The PUCT determines the final route.

Why

The current transmission lines and substations serving the area do not meet the necessary capacity to serve the electric load growth in Cameron County.

The project upgrades the existing transmission facilities to meet current AEP operational standards and electric capacity to support and meet the electric load growth and development in Cameron County.

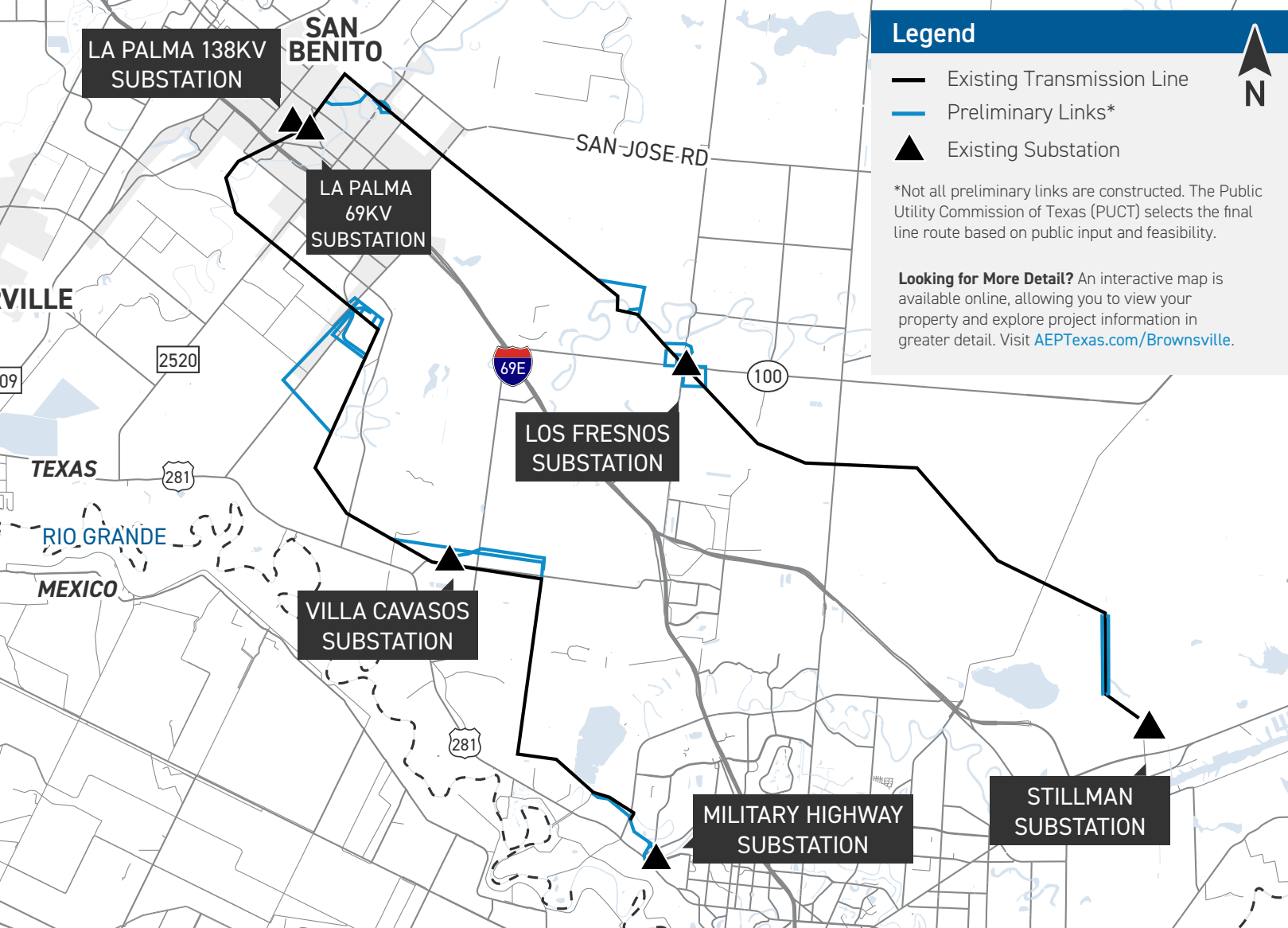
Where

The project area includes the cities of San Benito, Brownsville and Los Fresnos in Cameron County.

Project Schedule

	2026	2027	2028	2029
Project Announcement October 2026	●			
Project Open Houses November 2026	●			
Right-of-Way Communications Begin Fall 2026	●			
CCN* Application Filed with the PUCT Summer 2027		●		
PUCT** Approval & Line Route Determination Late 2027		●		
Pre-Construction Activities Begin Spring 2028			●	
Construction Starts Summer 2028			●	
Facilities Placed In-Service Fall 2029				●

*CCN: Certificate of Convenience and Necessity **PUCT: Public Utility Commission of Texas ***Timeline Subject to Change.



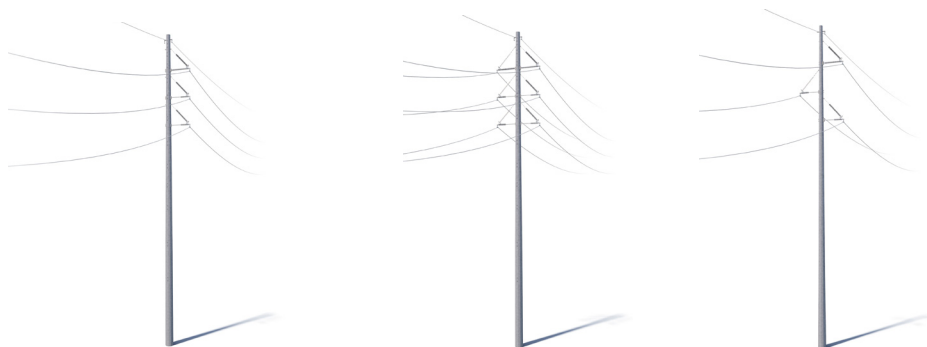
Typical Structures

AEP Texas crews plan to install single-pole steel structures.

Typical Structure Height:
Approximately 85-100 feet

Typical Distance Between Structures:
Approximately 400-600 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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