

ANGSTROM-NAISMITH

POWER IMPROVEMENTS PROJECT



An AEP Company

BOUNDLESS ENERGY™

AEP Texas plans to upgrade the power grid in San Patricio county. Plans call for building 14 to 20 miles of new double-circuit capable 345-kilovolt (kV) electric transmission line.

WHAT

The proposed project involves building approximately 14 to 20 miles of double-circuit capable 345-kilovolt transmission line to support industrial growth.

Following review of public input on route link development and additional route analysis by the AEP Texas project team, company representatives plan to file a Certificate of Convenience and Necessity (CCN) with the Public Utility Commission of Texas (PUC) in Spring 2021.

WHY

The Angstrom-Naismith Power Improvements Project is the result of new transmission service agreements signed with several large industrial customers and other additional new power load being added in the area.

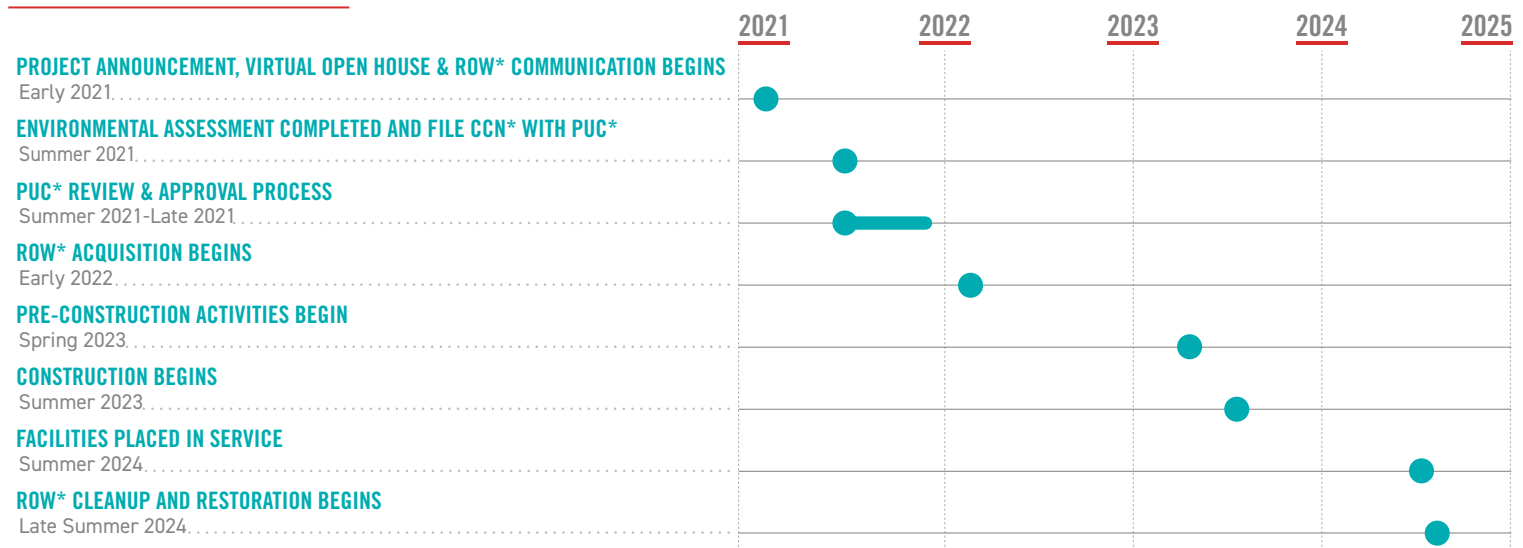
The project supports new and existing industrial and economic growth in the San Patricio County region.

WHERE

The proposed transmission line begins at the new Angstrom Substation, located approximately 3 miles east of Sinton on Texas Highway 188, and stretches approximately 20 miles to the proposed Naismith Station, to be located about 2.5 miles east of Gregory near Richardson Road.

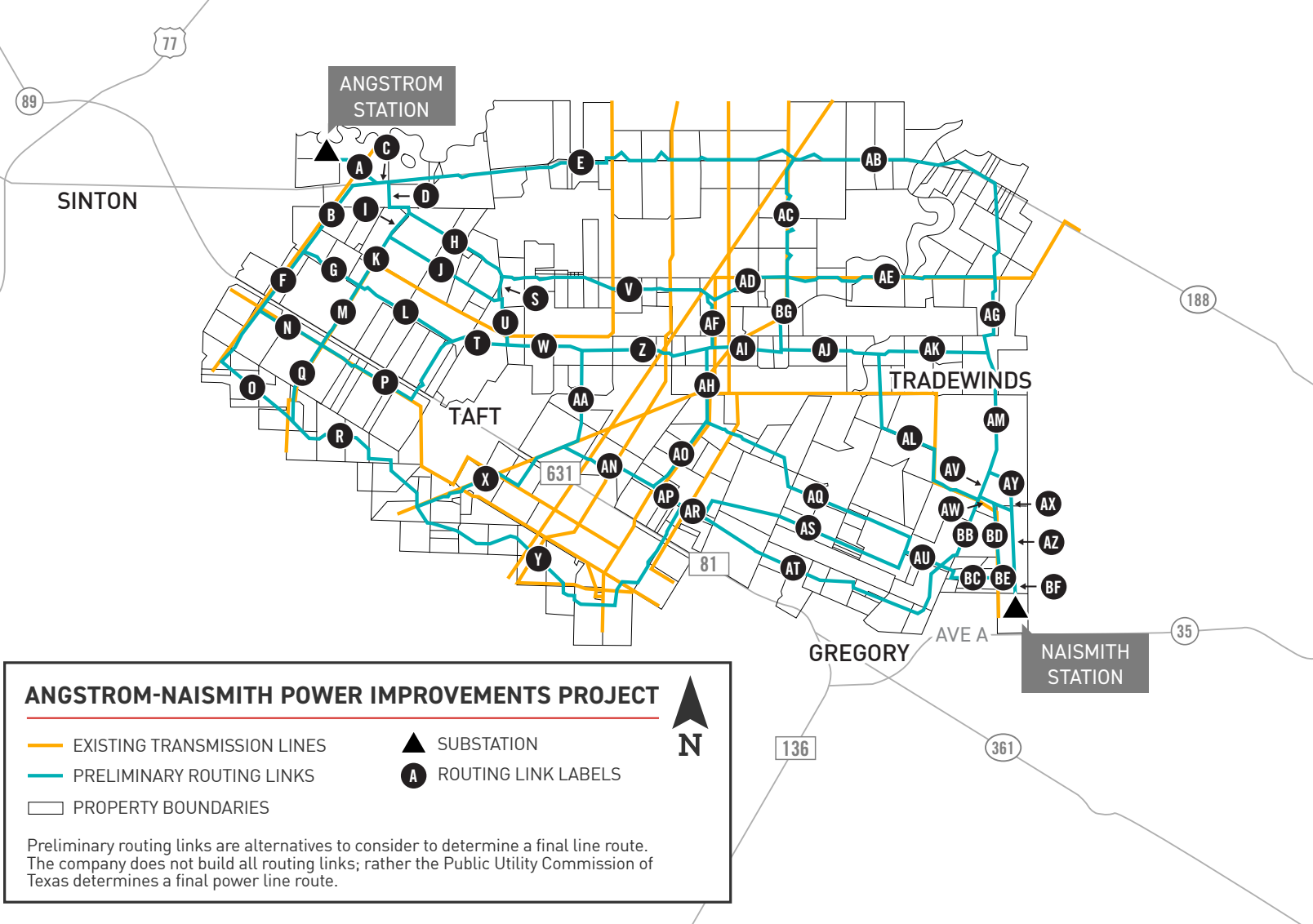
The PUC determines the final line route based on information included in AEP Texas' CCN application and landowner input, but the endpoints remain the same.

PROJECT SCHEDULE



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

Note: Timeline subject to change.



TYPICAL STRUCTURES

AEP Texas is considering the use of steel lattice or steel monopole structure designs for this project.



STEEL LATTICE

Typical Distance Between Structures: 1,250 feet*
 Typical Structure Height: 130 feet*
 Typical Right-of-Way Width: 150 feet*



STEEL MONOPOLE

Typical Distance Between Structures: 1,000 feet*
 Typical Structure Height: 115 feet*
 Typical Right-of-Way Width: 150 feet*

*Exact structure height will vary based on topography and other constraints (for instance, crossing other transmission lines). Right-of-way requirements can vary, but will typically be 150 feet.

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

AEP TEXAS PROJECT TEAM

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