

# LION TRANSMISSION LINE PROJECT

AEP Texas representatives plan power grid upgrades to improve electric reliability for customers in San Juan and Hidalgo County. The Lion Transmission Line Project involves building a new 138-kilovolt (kV) transmission line and a new electrical substation to strengthen the local transmission system.

## WHAT

The project involves:

- Building approximately 3 miles of 138-kV power line
- Building the Lion Substation located off Conway Road and South Nebraska Avenue

AEP Texas 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 early 2023. The final line route is determined by the PUC.

## WHY

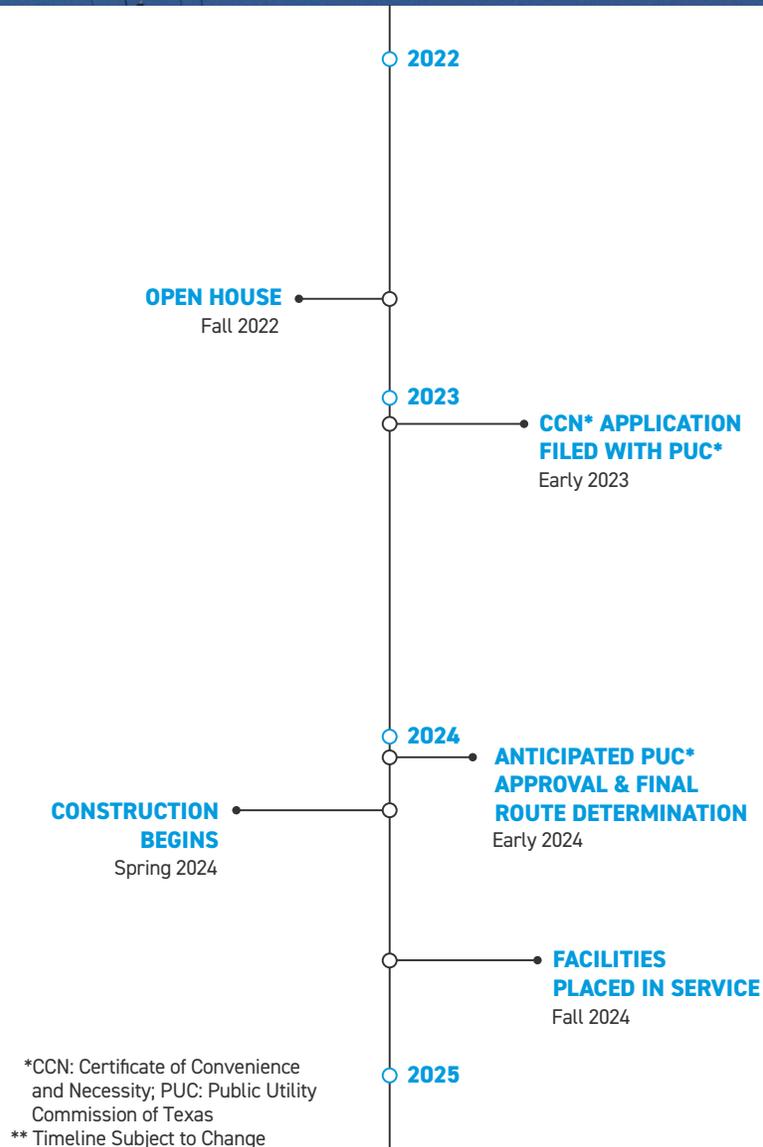
The proposed project:

- Provides an additional power source that strengthens the local electric power grid
- Decreases likelihood of larger, sustained community power outages
- Supports future growth and development in the area

## WHERE

The project area includes:

- City of San Juan
- Hidalgo County

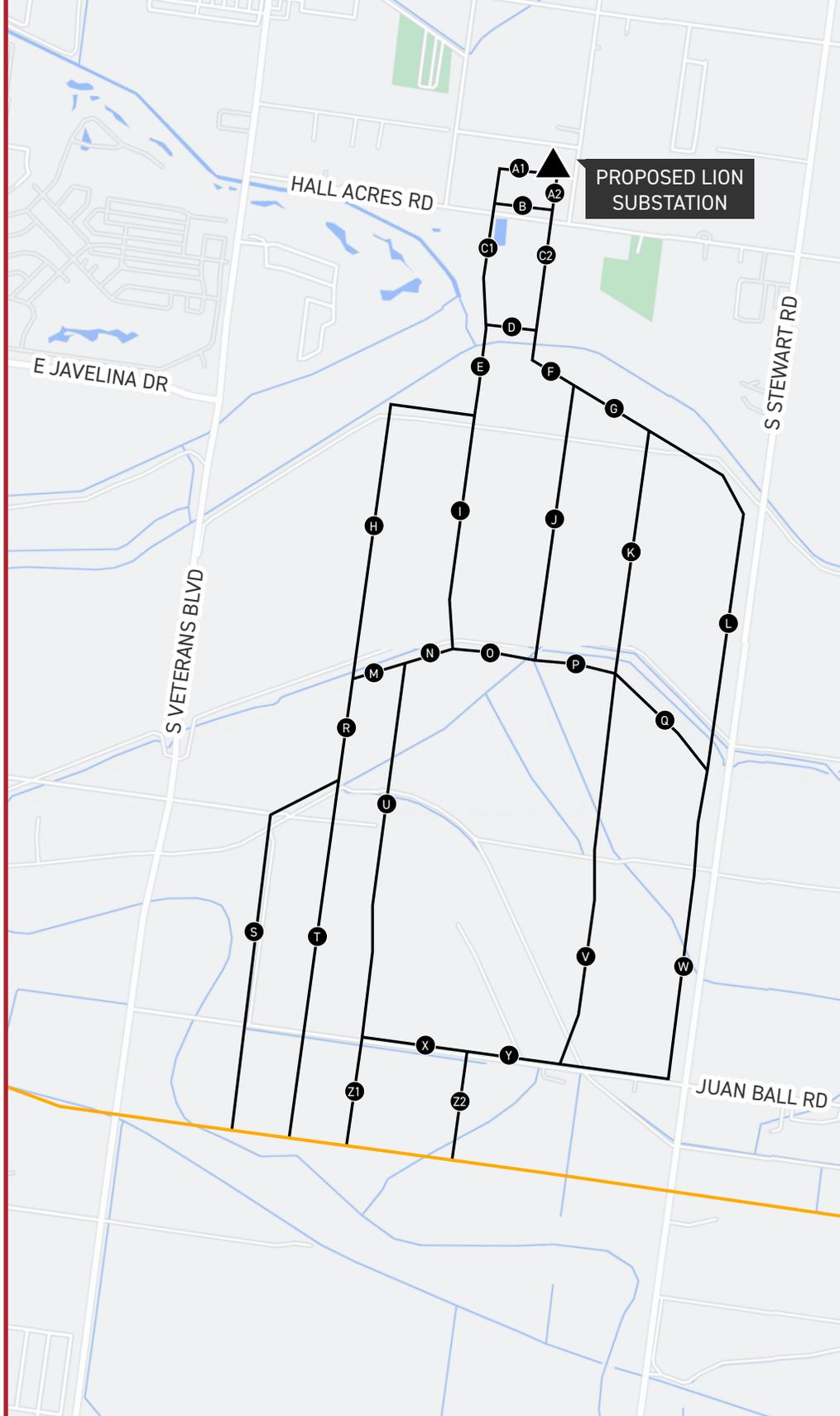
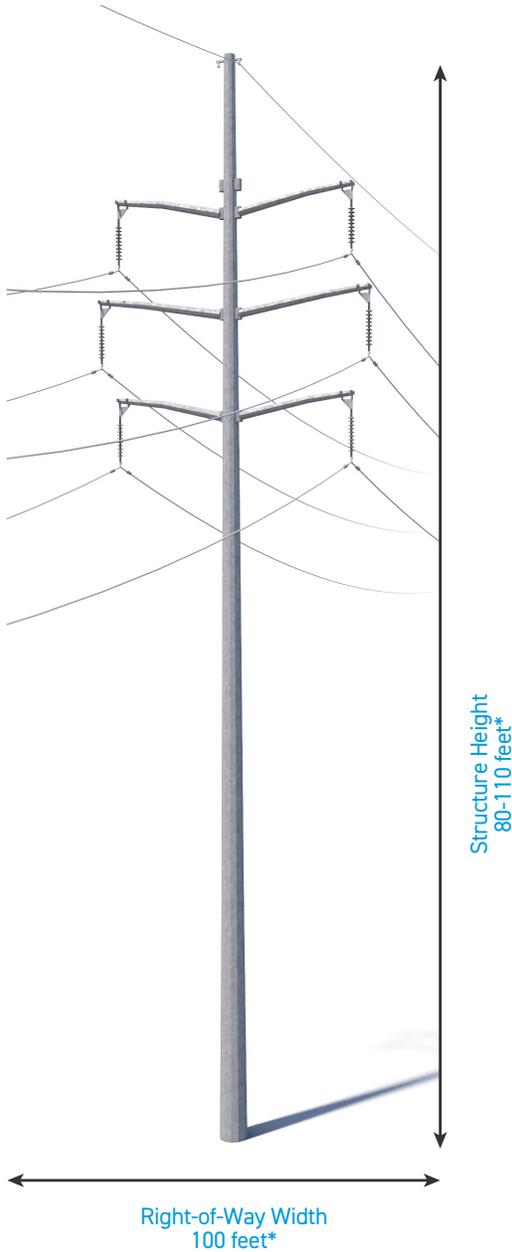


# TYPICAL STRUCTURES

Typical Structure Height: 80-110 feet\*

Typical Distance Between Structures: 600-700 feet\*

Typical ROW Width: 100 feet\*



## LION TRANSMISSION LINE PROJECT

- EXISTING TRANSMISSION LINE
- PRELIMINARY ROUTING LINKS

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

**WE VALUE YOUR INPUT. PLEASE SEND COMMENTS AND QUESTIONS TO:**  
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