

# MOUNT PLEASANT - PETTY TRANSMISSION IMPROVEMENTS PROJECT

Southwestern Electric Power Company (SWEPCO) plans to strengthen the grid in the Mount Pleasant area by rebuilding approximately 2-3 miles of electric transmission line.

## WHAT

The project involves:

- Rebuilding, relocating and upgrading the transmission line stretching between SWEPCO's Mount Pleasant and Petty substations
- Upgrading substation equipment
- Removing or trimming trees and woody-stemmed vegetation that have grown within SWEPCO's right-of-way

## WHY

The transmission line was built in 1953 and is past its planned service life. The project:

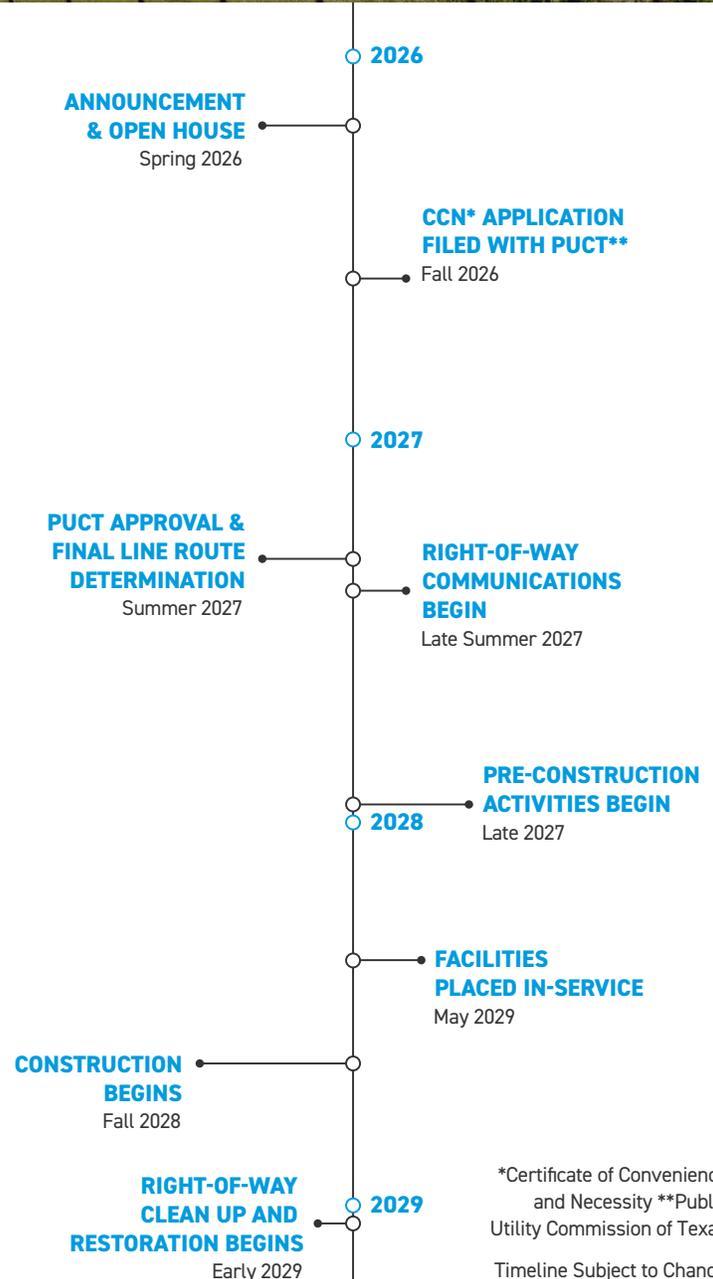
- Replaces deteriorating wooden poles with modern steel poles
- Relocates portions of the line from its existing route to accommodate the physical growth of Mount Pleasant
- Upgrades the line from 69-kilovolt (kV) capacity to 138-kV capable, allowing the line to meet future demand
- Strengthens the system against severe weather impacts
- Decreases the likelihood and duration of wide, community-sustained outages
- Improves the area's electric reliability and provides additional capacity for future growth

## WHERE

The line begins at SWEPCO's Mount Pleasant Substation, located south of Taskmaster Components, and extends to the Petty Substation, located north of the Walmart Supercenter.

## BEFORE CONSTRUCTION

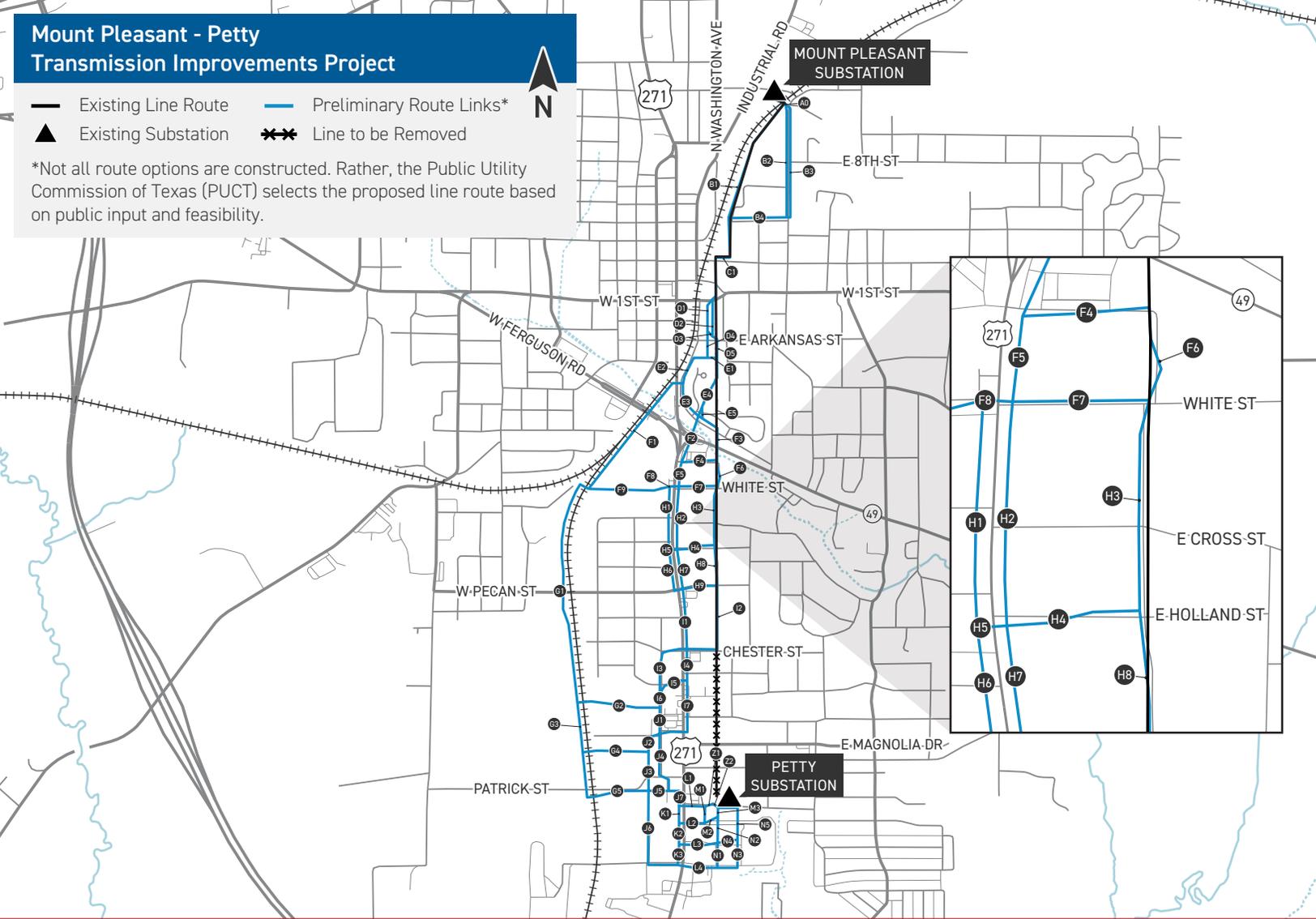
SWEPCO plans to file a Certificate of Convenience and Necessity (CCN) application with the Public Utility Commission of Texas (PUCT) following a review of public input on route link development and additional route analysis. Project representatives expect to file the CCN application in fall 2026. The PUCT determines the final line route.



# Mount Pleasant - Petty Transmission Improvements Project

- Existing Line Route
- Preliminary Route Links\*
- ▲ Existing Substation
- ✖✖✖ Line to be Removed

\*Not all route options are constructed. Rather, the Public Utility Commission of Texas (PUCT) selects the proposed line route based on public input and feasibility.



## TYPICAL STRUCTURES

SWEPCO crews plan to install single-pole steel structures.

Typical Height: 95 feet

Typical Distance Between Structures: 300 feet

Typical Right-of-Way Width: 100 feet



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

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

MICHAEL HARRIS • PROJECT OUTREACH SPECIALIST

SWEPCO\_OUTREACH@AEP.COM • 888-793-7261

