

KNOX LEE - SOUTH TEXAS EASTMAN TRANSMISSION IMPROVEMENTS PROJECT

Southwestern Electric Power Company (SWEPCO) officials plan to strengthen the electric grid in the Longview Area by rebuilding about 7 miles of 138-kilovolt (kV) transmission line.

WHAT

The project involves:

- Rebuilding approximately 7 miles of 138-kV transmission line between Knox Lee and South Texas Eastman substations
- Upgrading to substation equipment

WHY

The transmission line was constructed in 1951 and is past its planned service life.

The project:

- Replaces deteriorating wooden poles with modern steel poles
- Strengthens the system against severe weather impacts
- Decreases the likelihood and duration of wide, community-sustained outages
- Removes woody-stemmed vegetation that could impact the safe operation of the transmission line

WHERE

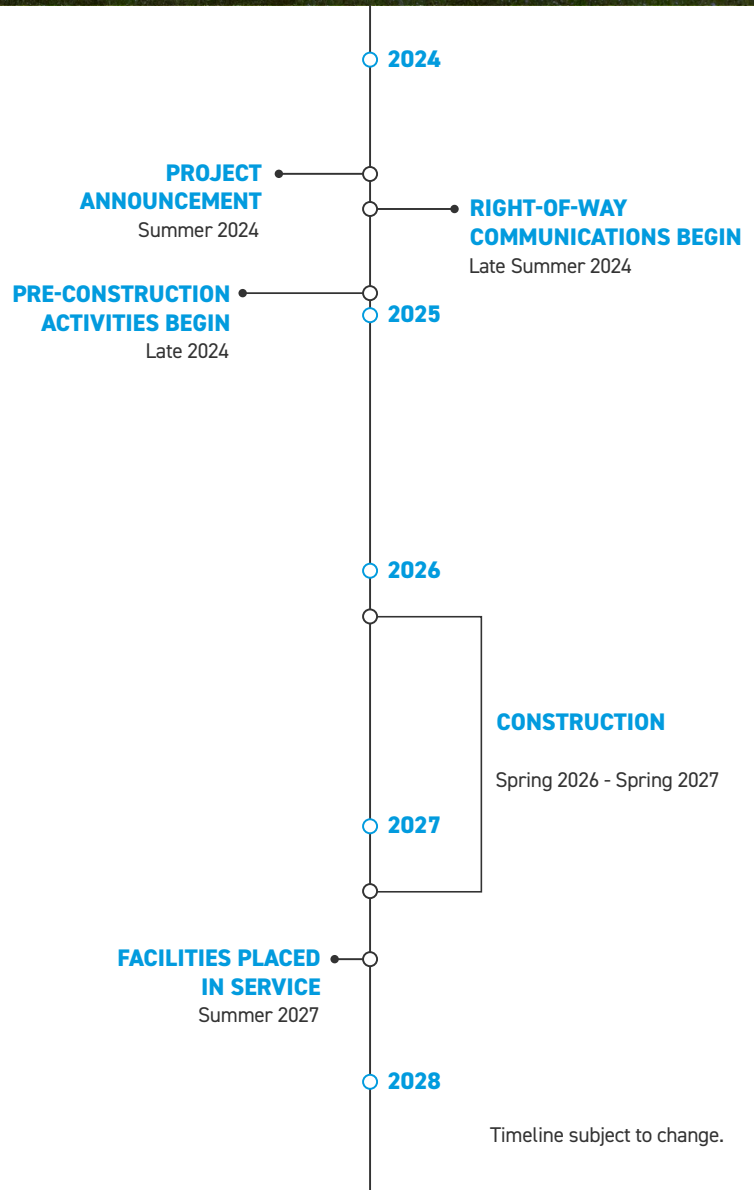
The project area is located southeast of Longview in Harrison and Gregg counties. Plans include rebuilding the transmission line along its existing right-of-way and easement area.

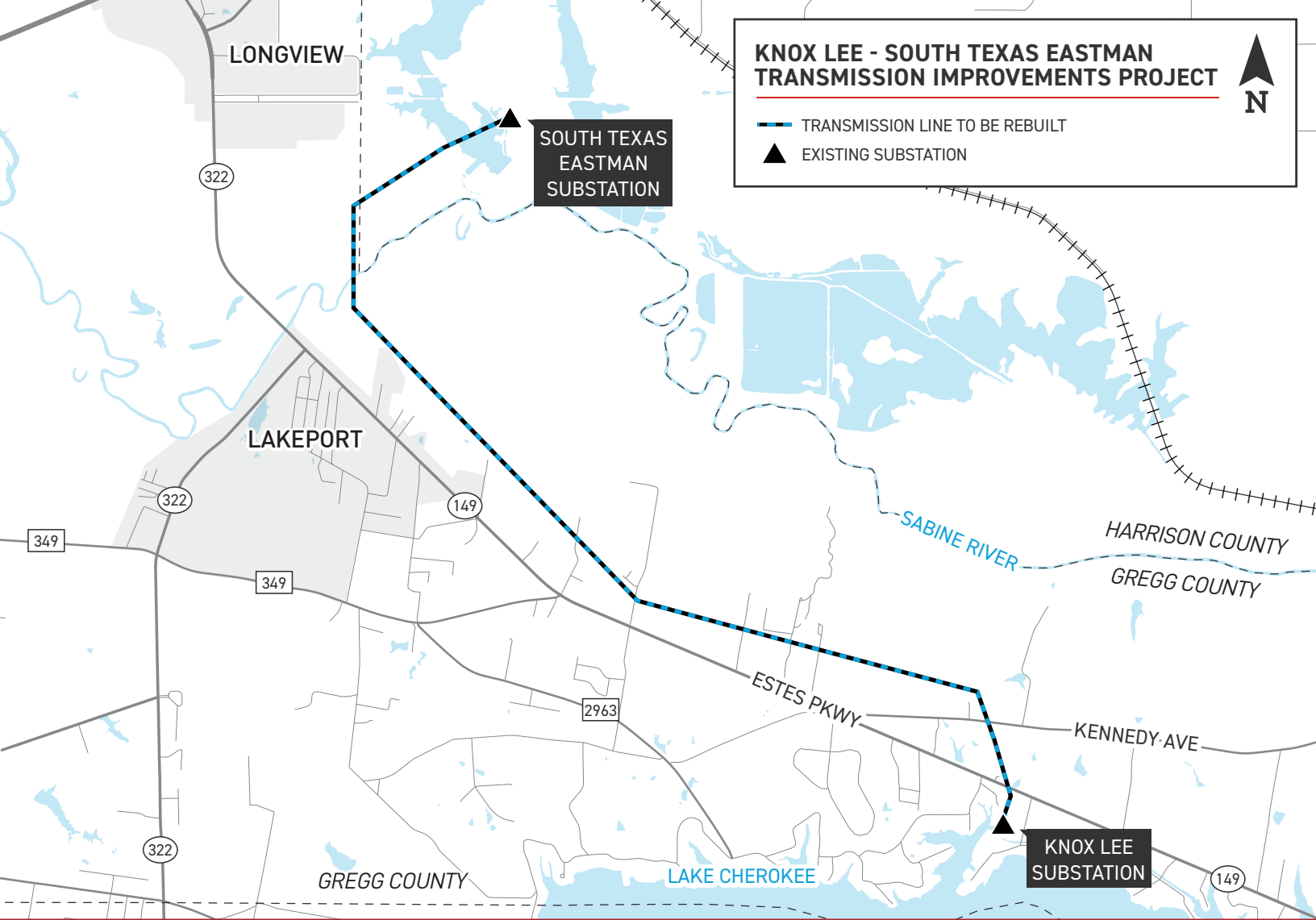
BEFORE CONSTRUCTION

SWEPCO right-of-way representatives plan to contact landowners along the transmission line to discuss necessary easements, field activities and property access for construction activities.

Some pre-construction 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





TYPICAL STRUCTURES

Typical Height: **APPROXIMATELY 100 FEET***

Typical Distance Between Structures: **APPROXIMATELY 550 FEET***

Typical Right-of-Way Width: **APPROXIMATELY 100 FEET***



*Exact structure type, height and right-of-way width requirements may vary

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

KATELYN HAHN · PROJECT OUTREACH SPECIALIST

SWPCO_OUTREACH@AEP.COM · 918-313-8240

SWPCO.COM/KNOXLEE-SOUTHTEXASEASTMAN

