

# Cedar Grove Area Improvements

## 138kV Transmission Line Project



AEP Southwestern Electric Power Company plans to rebuild nearly 2.50 miles of existing transmission line in the Cedar Grove area of Shreveport. Upgrades to the existing 138-kilovolt (kV) system will benefit the area by providing more reliable electric service for growth and economic development. The company expects to invest approximately \$3.5 million on this project.

AEP Southwestern Electric Power Company (SWEPCO) is committed to providing the electricity that customers need. To that end, the company is upgrading the aging electric backbone of the region with a \$46 million reliability transmission program called “Powering Up Shreveport – Bossier City.” One of the program’s six major electric transmission improvement projects is Cedar Grove Area Improvements.



### WHAT

The Cedar Grove Area Improvements project consists of upgrading and replacing about 2.50 miles of existing transmission line. The existing wooden structures will be replaced with single-pole steel structures to be operated at the same voltage. Minor upgrades will be made at the Linwood and South Shreveport substations as well as part of this initiative.



### WHY

Southwest Power Pool, the regional transmission organization, identified the need for these upgrades to bring the system up to current standards and to address local electricity supply concerns. SPP operates under federal mandate to ensure reliable supplies of power and adequate transmission infrastructure. Most of the existing system was built in the early 1950s. The improved facilities will bring the system up-to-date and ensure reliable electric service.

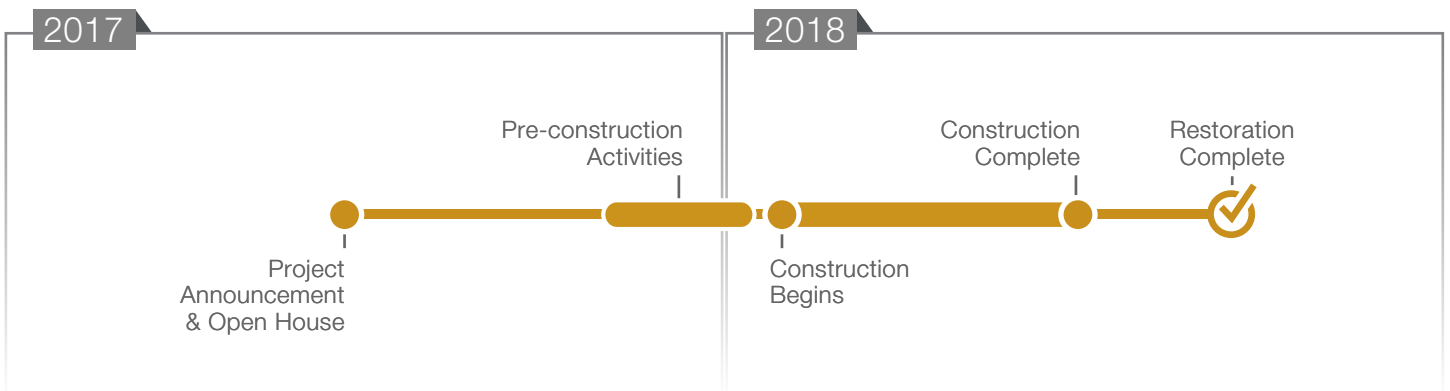


### WHERE/WHEN

Crews will begin construction in early 2018. The company expects to complete construction by mid-2018.

The line rebuild extends from the Linwood Substation off of Linwood Avenue and travels south, paralleling Linwood Avenue, until it reaches the South Shreveport Substation located just south of the Inner Loop Expressway.

## Project Schedule <sup>\*</sup>



\*Timeline is subject to change.

## Typical Structures\*

Typical distance between structures:

300 feet

Typical Pole Height:

90 – 110 feet

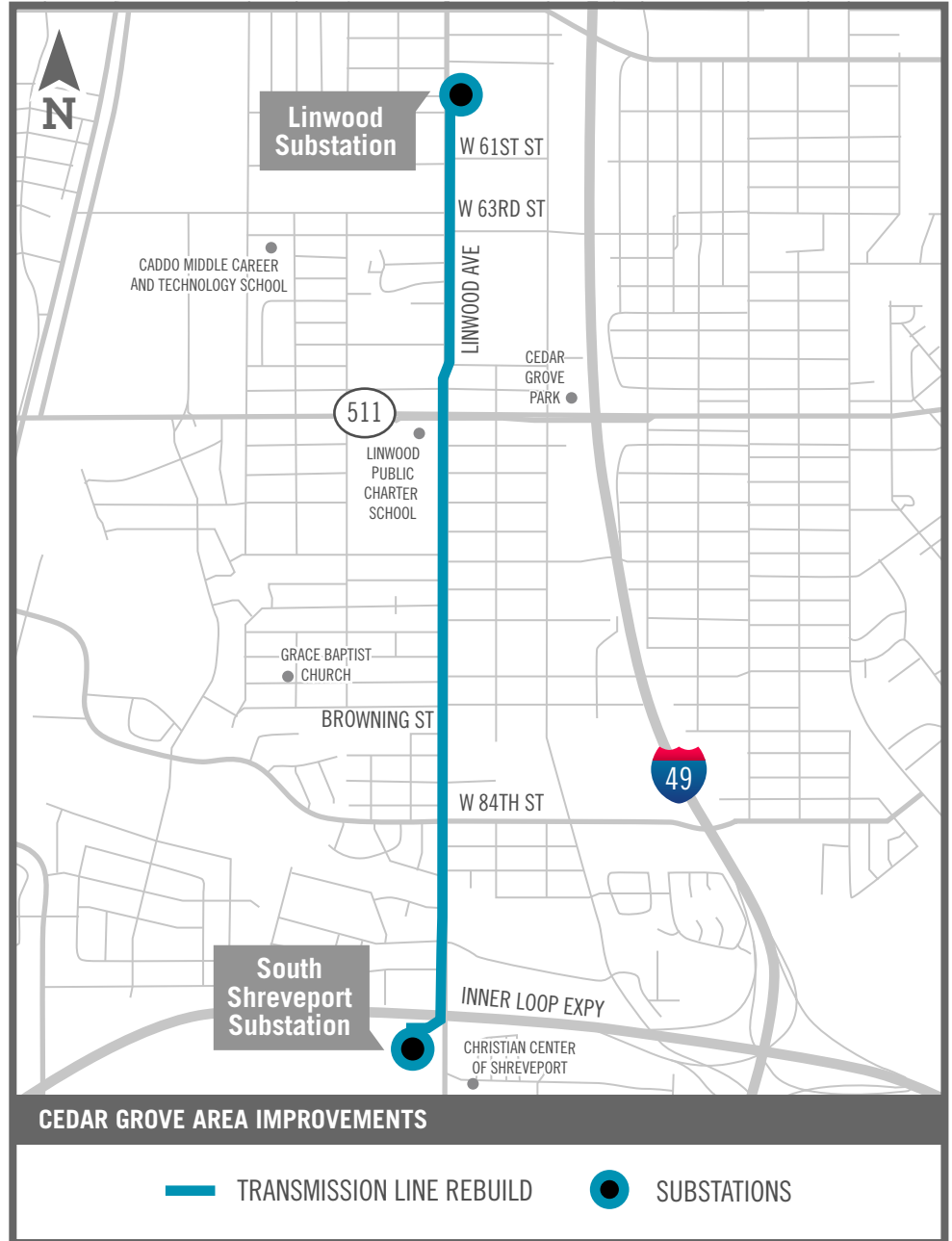
Typical Right-of-way:

-- feet



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

## Project Map



**SWEPSCO welcomes your feedback regarding the project. Please send comments and questions to:**

### Contact:

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