

# BARTLESVILLE COMANCHE - BLAKE TRANSMISSION LINE REBUILD PROJECT

Public Service Company of Oklahoma (PSO) representatives plan to improve the electric transmission system in Washington and Osage counties. The Bartlesville Comanche - Blake Transmission Line Project involves rebuilding about 17 miles of transmission line to increase electric reliability and strengthen the local power grid.

## WHAT

The project involves rebuilding about 17 miles of 69-kilovolt transmission line and making minor upgrades to area substations.

## WHY

The existing Bartlesville Comanche - Blake transmission line was built in 1957 and expanded in 1978. The line's poles and wires have reached the end of their service life.

The project:

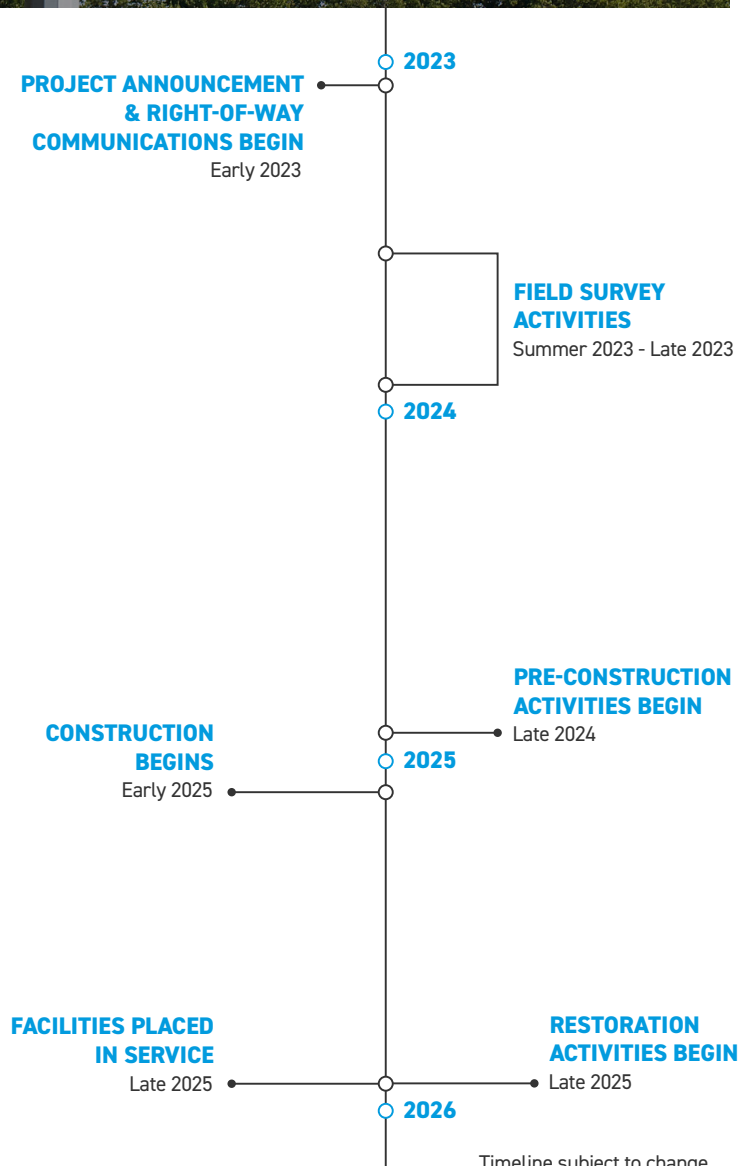
- Replaces aging wooden poles with steel poles
- Upgrades wires to ensure continued reliability for customers
- Strengthens the line against severe weather impacts and decreases the likelihood of large, community-wide power outages

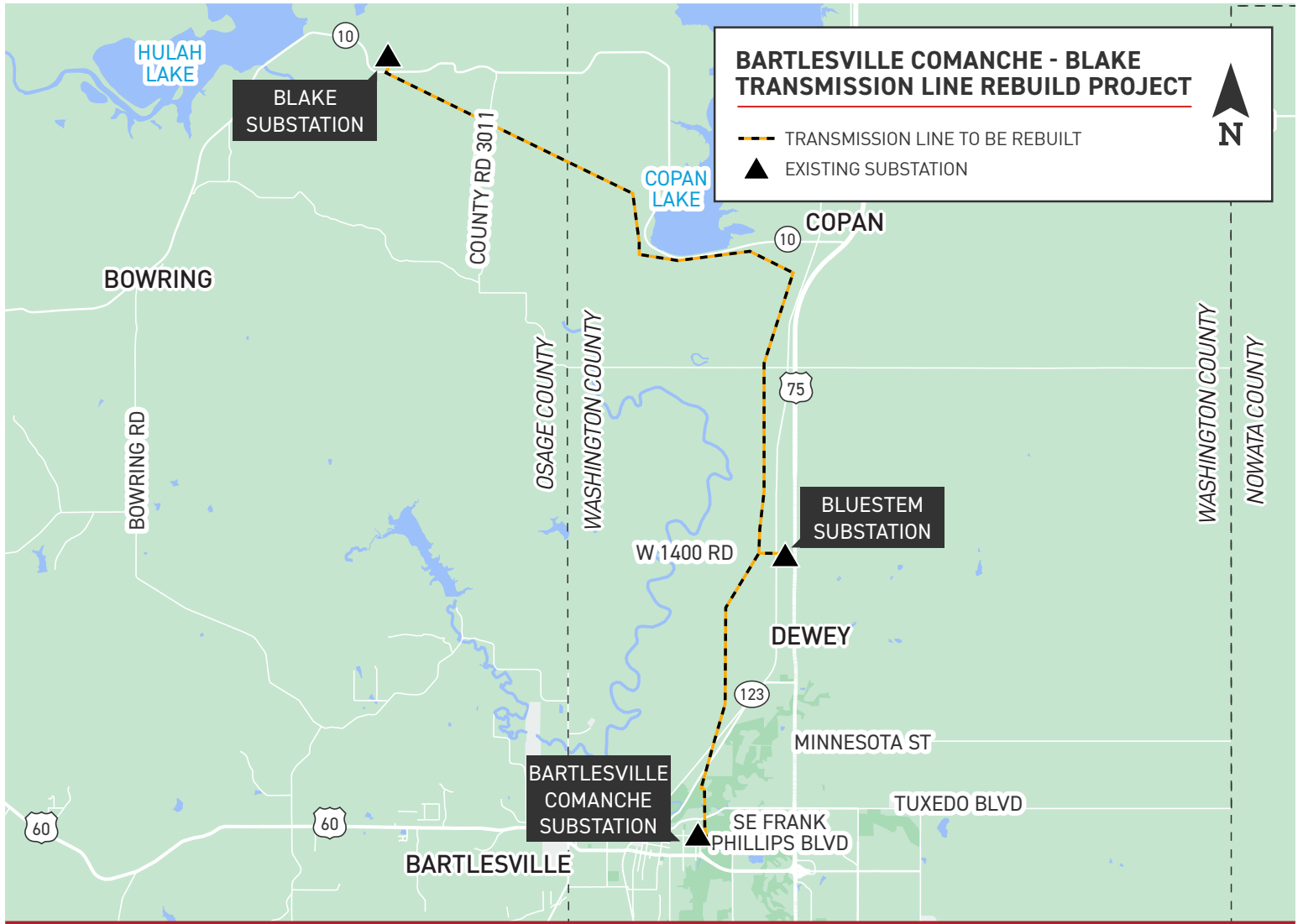
## WHERE

The power line stretches about 17 miles between PSO's Bartlesville Comanche Substation, located at the southeast corner of Southeast Frank Phillips Boulevard and South Comanche Avenue, and PSO's Blake Substation, located in northeastern Osage County off Highway 10.

The project area includes:

- City of Bartlesville
- City of Dewey
- Town of Copan
- Washington County
- Osage County





**BARTLESVILLE COMANCHE - BLAKE TRANSMISSION LINE REBUILD PROJECT**

- TRANSMISSION LINE TO BE REBUILT
- ▲ EXISTING SUBSTATION

## TYPICAL STRUCTURES

PSO crews plan to install steel single poles and steel H-frame structures on this project.

Typical Structure Height:

\*Approximately 80 - 100 feet

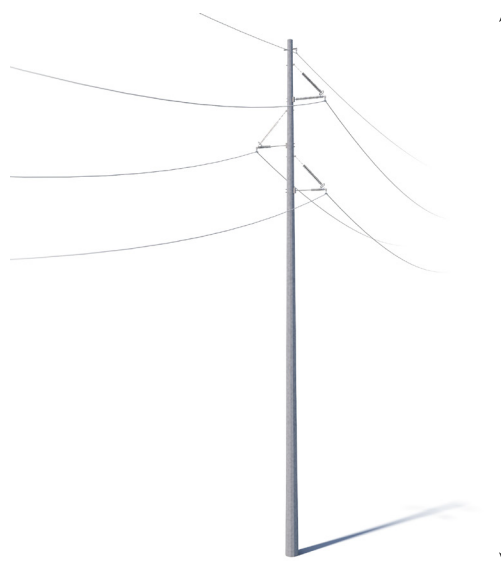
Typical Distance Between Structures:

\*Approximately 600 feet

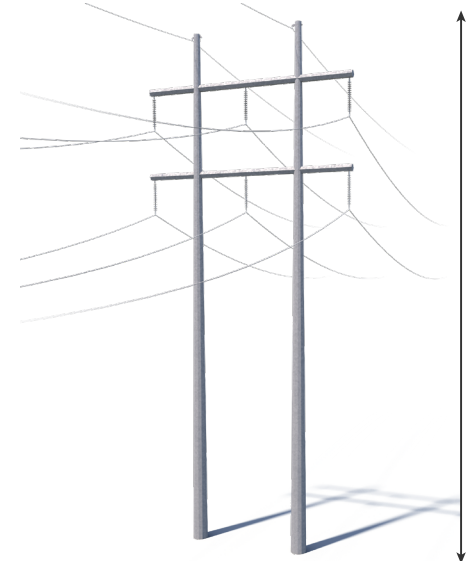
Typical Right-of-Way Width:

100 feet

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



Right-of-Way Width  
100 feet



Right-of-Way Width  
100 feet

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

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