

# WELEETKA - OKEMAH TRANSMISSION LINE REBUILD PROJECT

Public Service Company of Oklahoma (PSO) representatives plan to rebuild about 12 miles of 69-kilovolt (kV) transmission line in Okfuskee County. This project strengthens the local electric system and provides more reliable service for area customers. Crews plan to start construction in early 2025 and finish in late 2025.

## WHAT

The project involves rebuilding about 12 miles of the 69-kV Weleetka - Okemah transmission line between the Weleetka Power Station and the Okemah Substation. Crews also plan to make minor upgrades to the associated substations on this line.

## WHY

The existing Weleetka - Okemah transmission line was built in 1963 and needs to be rebuilt due to reliability issues over the past decade.

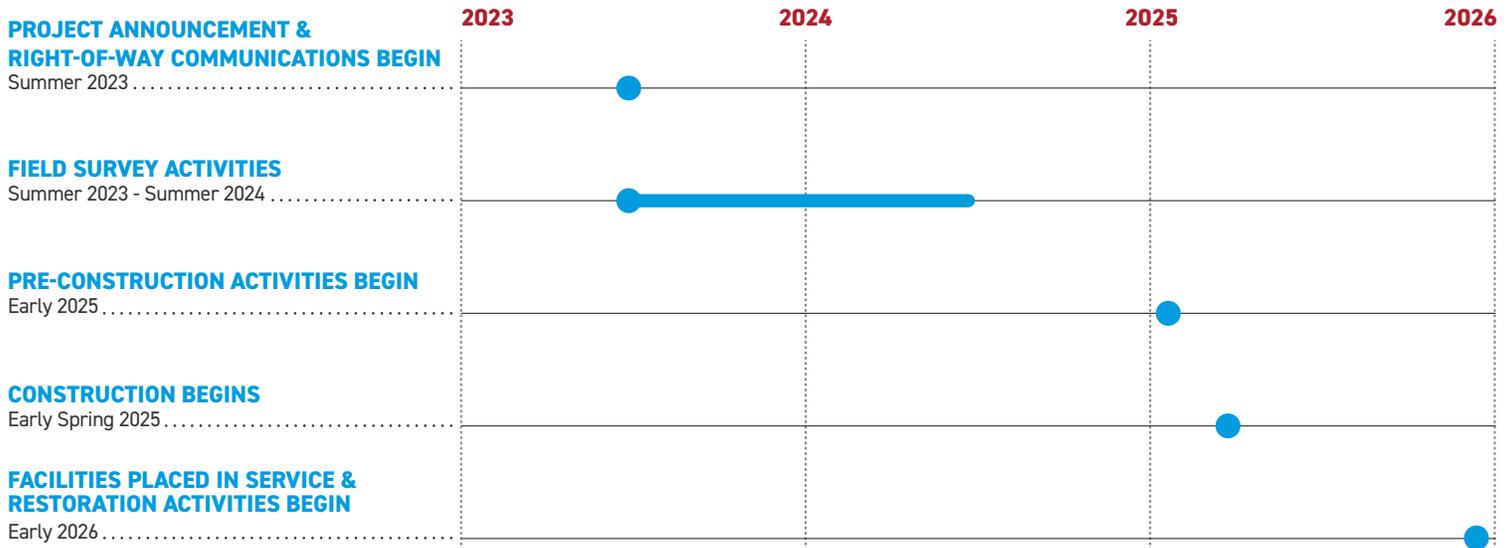
The project:

- Replaces deteriorating wooden poles with modern steel poles
- Strengthens the system against severe weather impacts
- Decreases the likelihood and duration of large, community-wide power outages

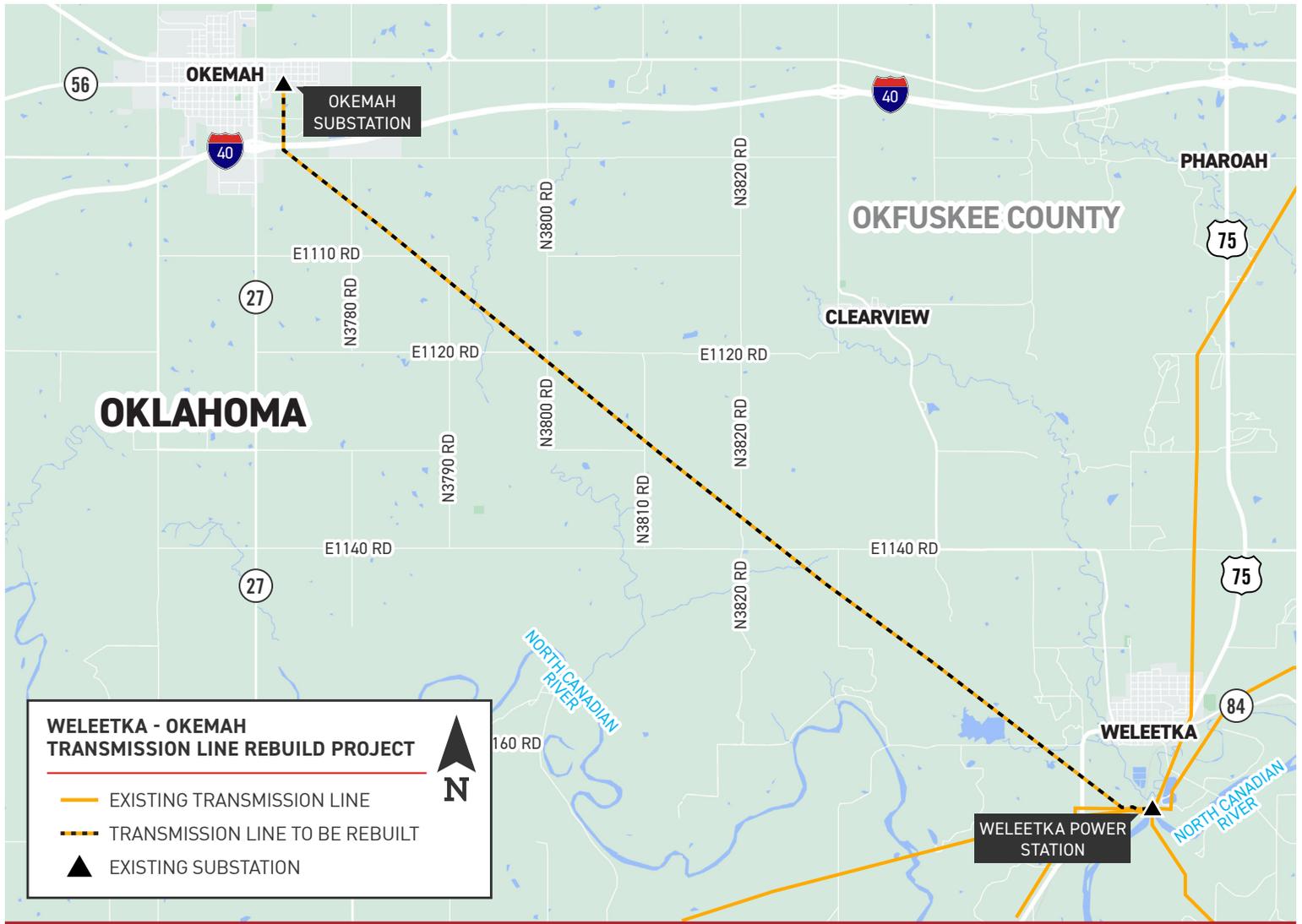
## WHERE

- The Weleetka Power Station is in Weleetka about a mile south of town by the North Canadian River
- The Okemah Substation is in Okemah off East Broadway Street

## PROJECT SCHEDULE



\*Timeline subject to change.

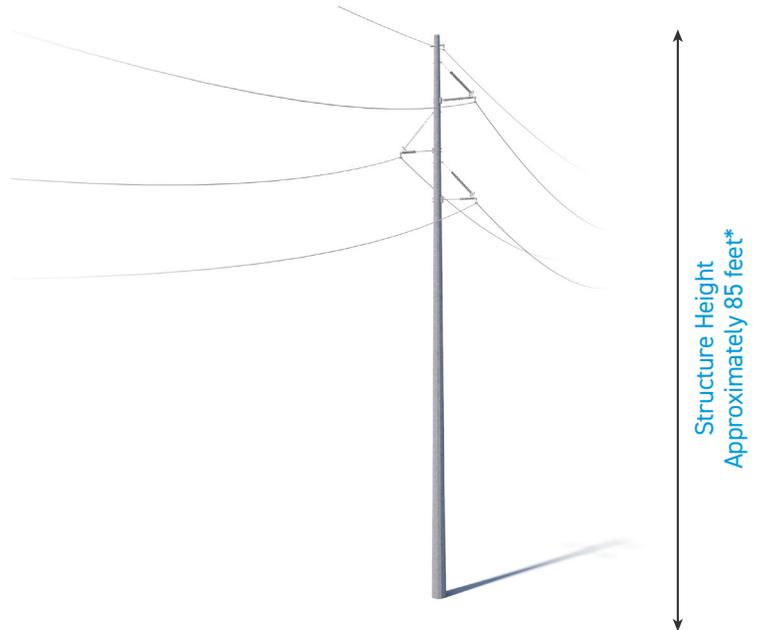


## TYPICAL STRUCTURES

PSO crews plan to install steel single poles on this project.

Typical Structure Height: [Approximately 85 feet\\*](#)

Typical Distance Between Structures: [Approximately 550 feet\\*](#)



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

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

MATTHEW HAMES · PROJECT OUTREACH SPECIALIST  
 MCHAMES@AEP.COM · 918-237-6736  
 PSOKLAHOMA.COM/WELEETKA-OKEMAH



08/07/2023