

# LONE GROVE - KIOWA TRANSMISSION LINE REBUILD PROJECT

Public Service Company of Oklahoma (PSO) representatives are planning the Lone Grove - Kiowa Transmission Line Rebuild Project as part of the larger Southern Oklahoma Transmission Improvements Project. The project involves rebuilding approximately 88 miles of transmission line in southern and southeastern Oklahoma. Crews plan to begin construction in fall 2023 and conclude in early 2025.

## WHAT

The project involves rebuilding the 345-kilovolt Pittsburg - Sunnyside transmission line between Lone Grove and the Kiowa area. Plans also include making minor upgrades at associated substations.

## WHY

- The project:
- Replaces wires that have reached the end of their service life
  - Replaces aging wooden poles from the late 1970s with stronger, steel poles
  - Strengthens the line to better withstand severe weather impacts
  - Enhances area reliability and decreases the likelihood of large, community-wide power outages

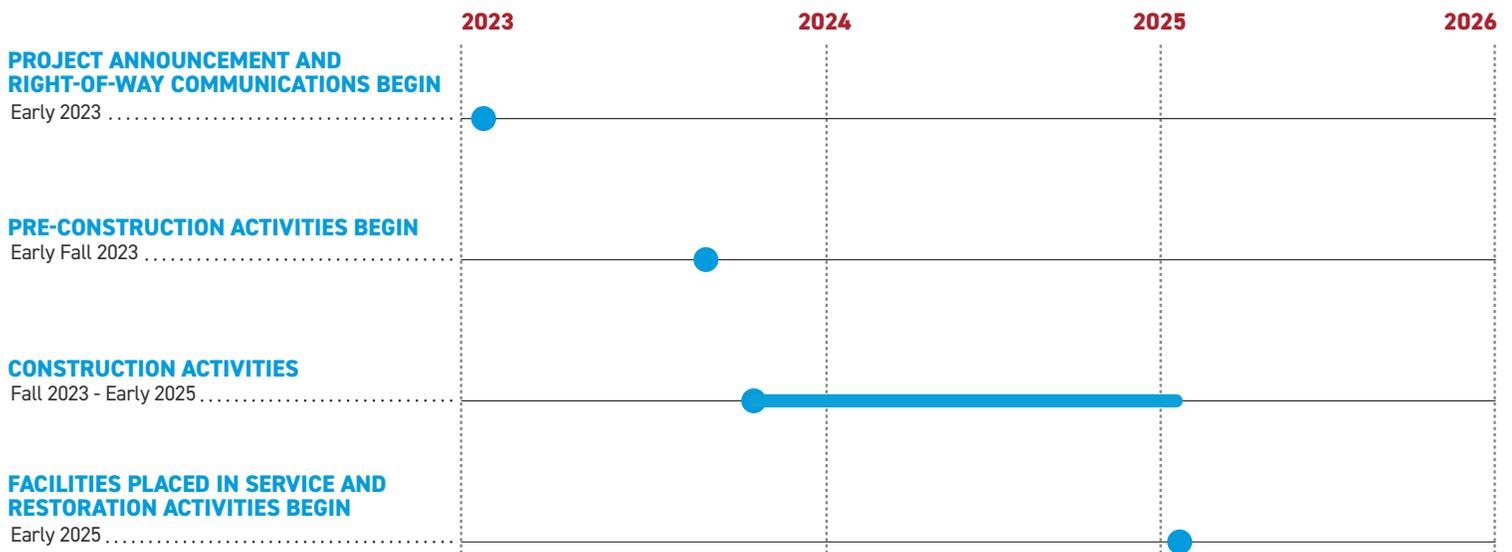
## WHERE

The transmission line stretches approximately 88 miles between PSO's Pittsburg Substation, located off Old Road 69 southwest of Kiowa, and the Oklahoma Gas & Electric Company's (OG&E) Sunnyside Substation, located in Lone Grove.

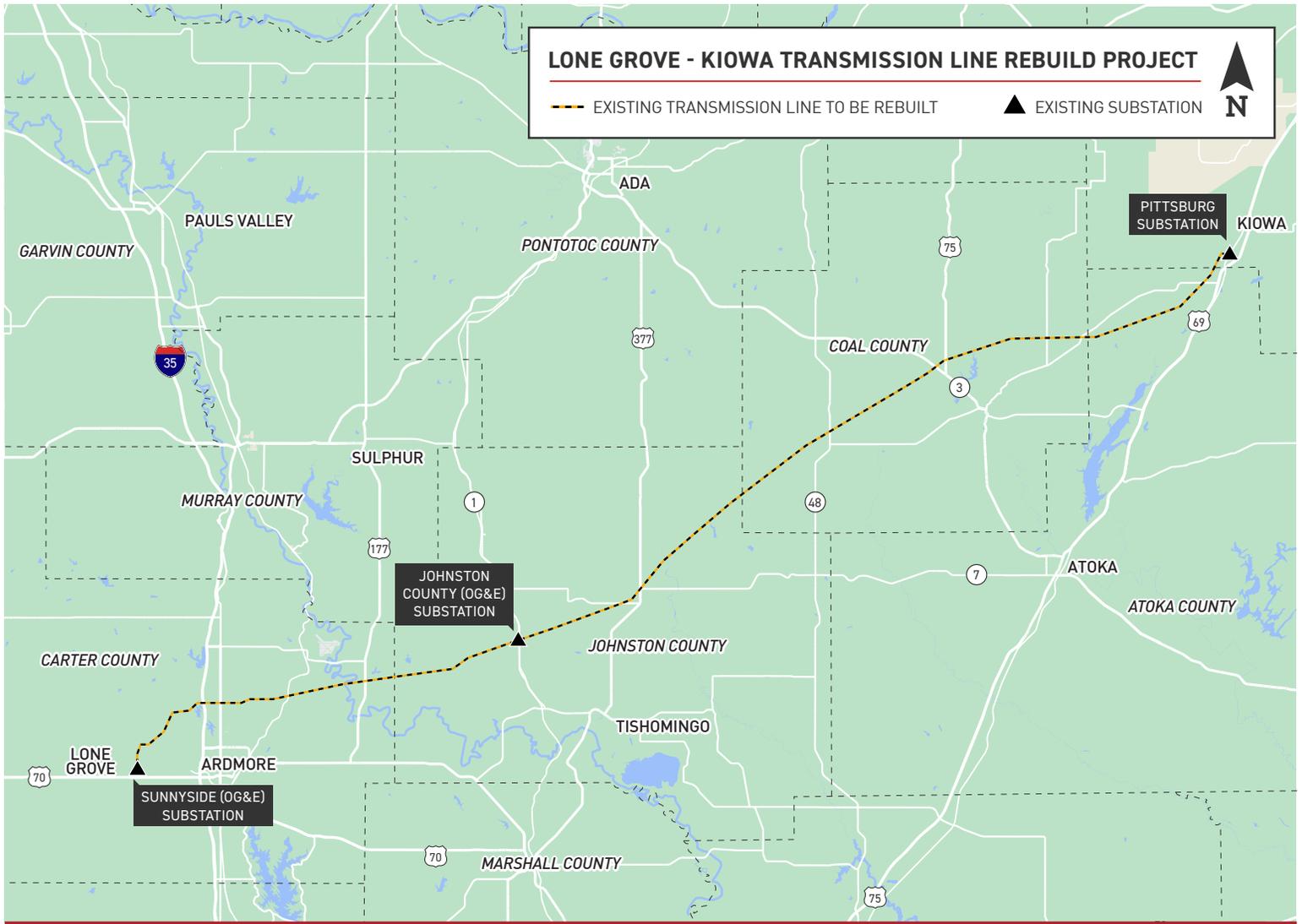
Project area includes:

- City of Lone Grove
- City of Kiowa
- Carter County
- Coal County
- Atoka County
- City of Ardmore
- City of Pittsburg
- Johnston County
- Pittsburg County

## PROJECT SCHEDULE



\*Timeline subject to change.



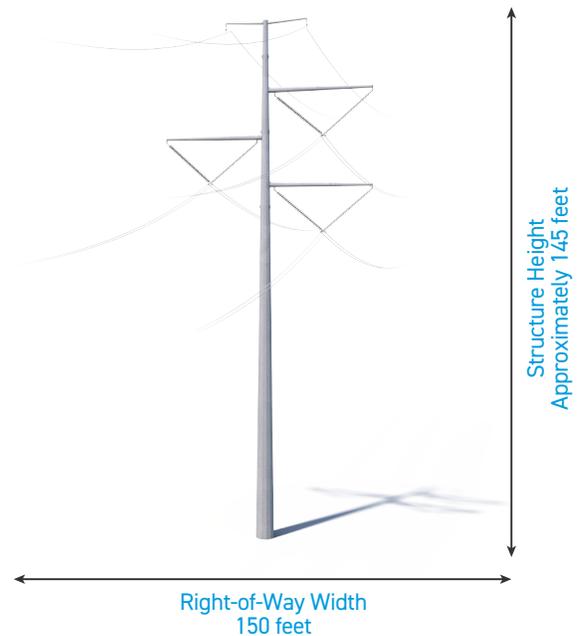
## TYPICAL STRUCTURES

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

Typical Structure Height: [Approximately 145 feet\\*](#)

Typical Right-of-Way Width: [150 feet](#)

Typical Distance Between Structures: [Approximately 800 feet\\*](#)



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

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

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