

Client

Tri-State Generation & Transmission Association, Inc.

Scope of Services

Topographic Survey

Alignment Determination Assistance

Assistance with Identification of Access

Existing Utility Crossing Surveys

County Records Research

Review of Title Commitments

Examination of Existing Rights Conflicts

Transmission Line Easements

Access Road Easements

Structure Staking for Construction

Project Duration

2007-2008



The purpose of this project was to connect Tri-State's Wray-Lamar 115kV transmission line to the Wray City substation owned by Western Area Power Administration, which is an agency within the U.S. Department of Energy. The determination of a connection alignment was complicated by hilly terrain, existing power distribution lines and existing power transmission lines entering and exiting the substation.

The proposed transmission line and access needs affected 2 landowners.

To support Tri-State's project, Manhard Consulting provided the following surveying services:

- Topographic survey of the corridor, including improvements
- Assistance with alignment investigation and selection
- Assistance with access investigation and selection
- Surveys of crossing obstructions (utilities, roads, transmission & distribution lines)
- Record documents research at Yuma County
- Review of 2 title commitments, including examination of existing encumbrances
- Preparation of 2 transmission line easement descriptions with exhibits
- Preparation of 6 access road easement descriptions with exhibits
- Staking of 4 structures for construction