

# AEP VALLIANT TO NORTHWEST 345kV TRANSMISSION LINE



## PROJECT TYPE

Transmission

## SCOPE

43.5 miles of 345kV

## LOCATION

New Boston, TX

## CLIENT

American Electric Power (AEP)

## START DATE

April 2016

## COMPLETION DATE

January 2017

Irby Construction was awarded the contract for the construction of the Valliant to Northwest Texarkana Transmission Line project for AEP Southwestern Electric Power Company (SWEPCO) and AEP Oklahoma Transmission Company near New Boston, Texas.

The Valliant-Northwest Texarkana Transmission Line project consisted of installing 43.5 miles of 345kV single steel pole transmission line on anchor-bolted foundations that had previously been installed under another contract. This was the Texas portion of a larger 78.7 mile project that also included 35.2 miles in Oklahoma constructed by another contractor. The project was new single circuit construction with poles that are double circuit capable with steel arms only installed on one side of the poles.

This project was identified and mandated as a priority project by Southwest Power Pool (SPP) to connect an existing Public Service Company of Oklahoma substation to an existing SWEPCO substation in Texas. The transmission line goes from Valliant in McCurtain County, Oklahoma to Northwest Texarkana in Bowie County, Texas.

Several subcontractors played an important role in making the Texarkana Project a success. Irby Construction used Erickson Air Crane to erect poles with a heavy-lift helicopter as well as Winco, Inc., a subsidiary of Quanta Services, Inc., to provide helicopter erection.

