

HARWOOD TO WAELDER ENERGIZED 69KV TRANSMISSION PROJECT



PROJECT TYPE

Transmission

SCOPE

13.9 miles of 69kV
energized transmission line

LOCATION

Harwood, TX

CLIENT

Lower Colorado River Authority

START DATE

November 2017

COMPLETION DATE

May 2018

The goal of this project was to increase the reliability and capability of transmission facilities on T145 between Harwood and Waelder substations. This was accomplished by upgrading the 12.6 mile 69kV stretch between substations to 138kV capable. The scope of work consisted of replacing 112 structures to complete the conductor upgrade.

In addition to the conductor upgrade, the scope included the installation of OPGW shield wire from Waelder substation to Flatonia substation. The construction for this project was performed on energized transmission lines. New structures include vertical configuration braced post concrete tangents and steel dead ends.

