

SHARYLAND UTILITIES BROWN TO GRADY 138KV TRANSMISSION LINE



PROJECT TYPE

Transmission

SCOPE

20.2 miles of 138kV line

LOCATION

Big Spring, TX

CLIENT

McCord Engineering

START DATE

April 2016

COMPLETION DATE

October 2016

Irby Construction was awarded construction of the Sharyland Utilities Brown to Grady 138kV transmission project in the Spring of 2016. As a subcontractor to the owner's engineer, McCord Engineering, Irby's scope of work incorporated tear-down and rebuild of 20.2 miles of the 138kV line including concrete and steel poles with 959 ACSS/TW Suwannee conductor and 48 count fiber OPGW installation. The location of the project was in Martin County north of Stanton, in West Texas. The transmission segment began at the Grady Substation (on TX 87) and went northeast for 20.3 miles to the Brown Substation. Five (5) OPGW splice cans were installed along the route locations. Construction also included four (4) highway crossings: TX 829, TX 137, TX 846, and TX 26.

Irby began this six-month project in April of 2016 utilizing Seaboard Foundations Inc. to complete all hole excavation and drilled-pier foundations. Construction took place during the hottest months of the year with temperatures often soaring above 100 degrees. Irby crews worked safely and efficiently through the environmental and climate conditions on this project.

