



Market: Municipal, Utilities

Client: Fred Wilson & Associates

Owner: JEA

Project Profile

Duval to JAX Heights 230 kV Circuit 954 – This project included engineering design of a new 230kV overhead transmission circuit from FP&L’s existing Duval Substation to JEA’s existing Jax Heights Substation, in Jacksonville, Florida. The new utility line included construction of 100 spun, tapered concrete poles over an approximate distance of 11.4 miles (60,107 feet). MAE performed the geotechnical investigation for JEA’s prime contractor. Drilling each boring as close to the proposed pole location as possible was especially important to assure accurate design of the foundation, and to ensure any construction issues, such as obstructions or difficult drilling that might exist at the structure location, were identified prior to the start of construction.

Services: Geotechnical Engineering
