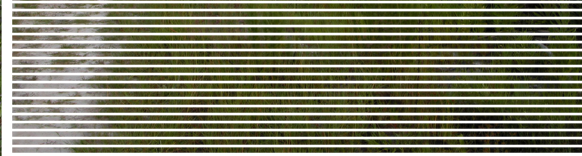




Meskel and Associates Engineering, PLLC

GEOGTECHNICAL ■ CONSTRUCTION TESTING



STARKE, FLORIDA
Bradford County

SR 200 (US 301) Starke By-Pass Segment 3; New Construction (Alignment)

Estimated
Construction Cost
(3 Segments)

\$280 Million

Design
Completion Date

On-going

Client

Parsons
Transportation Group

Contact

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(904) 596-1412

Limited Access Right of Way from North of SR 16 to North of CR 233

SR 200 (US 301) Starke By-Pass Segment 3 project includes the construction of approximately 2 miles of new roadway including bridges, new bridge culverts and culvert extensions. The project typical Section is designed as a four-lane rural arterial with 12-footwide travel lanes, a 64-foot wide median, 8-foot wide inside and 12-foot wide outside shoulders in 300-foot Limited Access Right of Way.

As the Geotechnical Engineer of Record for the project,
MAE's project responsibilities included:

- Field work including Standard Penetration Test (SPT) and auger boring drilling, and muck probing to delineate the vertical and horizontal extent of unsuitable soils.
- Auger boring and groundwater level measurement in proposed pond areas
- Installation of piezometers for groundwater level monitoring over the duration of multiple field explorations in pond and roadway areas
- Geotechnical recommendations for design of roadway embankments, bridges, culverts and miscellaneous structures.