



Gary L. Kuhns, P.E. Chief Engineer



Expertise

- Geotechnical Engineering
- Deep Foundations
- Ground Penetrating Radar
- Hydrogeologic Modeling
- Sinkhole Stabilization

Years of Experience
27 years/18 years with GEC

Education

M.S.E./1983/Civil Engineering/ UCF

B.S.E./1982/Civil Engineering/ UCF

Licenses:

Licensed Professional Engineer Florida No. 38704

Professional

Organizations:

- Past President, ASCE East Central Florida Branch
- Past Chairman, Florida Geotechnical and Materials Engineers Council (GMEC)
- Treasurer, ASHE Central Florida Section
- Florida Institute of Consulting Engineers
- Florida Engineering Society
- ASCE Geo-Institute
- Adjunct Instructor of Geotechnical Engineering, UCF

Founding Partner
January 1991

Mr. Kuhns has 27 years of experience as a Geotechnical Engineer in Central Florida. He has served as Geotechnical Engineer of Record on many of the landmark projects in Central Florida including several high-rise towers in Downtown Orlando and numerous major transportation infrastructure projects. Gary's other areas of specialized practice include ground penetrating radar studies, sinkhole stabilization and hydrogeologic modeling. The PONDFLOW II stormwater pond infiltration computer model, which was authored by Mr. Kuhns, has been reviewed and approved by the St. John's River Water Management District for use in permitting. Mr. Kuhns has also co-authored AQUISEEP, in conjunction with a research project at the University of Central Florida, for use in evaluating groundwater seepage to ponds, canals and lakes.

Florida High Speed Rail Orlando to Tampa PD&E Study, Various Florida Counties. Geotechnical engineer for evaluation of geotechnical impacts along I-4 and CSX alignments for high speed rail link between Orlando and Tampa.

Florida High Speed Rail Project (FOX), Various Counties throughout Miami-Orlando-Tampa corridor, Florida. Preliminary geotechnical investigation of alternative alignments within 300+ mile corridor.

Central Florida Commuter Rail Transit (Sun Rail), Volusia, Seminole, Orange and Osceola Counties. Geotechnical Engineer of Record for new commuter rail system on 61 miles of CSX A-line with 17 stations.

LYNX Central Florida Light Rail Transit, Orange County, Florida. Senior Geotechnical Engineer for design of rail alignment from International Drive to Livingston Street, including elevated downtown rail structures along CSX corridor.

Max Brewer Bridge Design/Build, Brevard County, Florida. Geotechnical field and laboratory data collection for inclusion in design/build Request for Proposal package.

Interstate 4 St. John's River Bridge Design/Build, Seminole and Volusia Counties. Principal-in-Charge for geotechnical investigation for roadway and interchange improvements, including a 330-ft long bridge over Orange Avenue and the CSX Railroad, and 4 additional bridges.

Interstate 4 Auxiliary Lanes Design/Build, Orange County, Florida. Principal-in-Charge for geotechnical investigation for design/build project including auxiliary lanes between S.R. 535 and S.R. 528 and bridge widening at Central Florida Parkway.

OIA Automated Guideway Transit (AGT) Stations and Baggage Area, Orlando, Florida. Geotechnical investigation for additions to the AGT Stations and baggage area connecting the OIA Delta Airside Terminal with the Landside Terminal.