

Scott L. Linteau, P.E. | Senior Forensic Engineer

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Professional Summary:

Mr. Linteau has numerous years of experience in forensic engineering assessments, geotechnical engineering consulting, construction materials testing and threshold inspections. He has practiced geotechnical and construction materials testing in Florida since 1998, accumulating years of experience in the local soils and construction conditions. His forensic engineering expertise is focused on the evaluation of subsidence related damage to structures and catastrophe response studies. His geotechnical engineering expertise encompasses sinkhole risk assessment and mitigation, shallow and deep foundation design, pavement evaluation, evaluation for utility installation and geotechnical evaluation for site suitability studies.

- Forensic Engineering
- Residential Land Development and Site Suitability Studies
- Helical Pile Analysis and Design
- Commercial Site Development
- Land Subsidence and Sinkhole Studies
- Municipal/ Utilities
- Landfill Developments
- Educational Facilities
- Construction Materials Testing
- Transportation

Licenses and Certifications:

Licensed Professional Engineer

- Florida, License #68363
- Tennessee, License #115669
- Alabama, License #51098

Project Experience:

Forensic Engineering

Project Manager/Senior Engineer

**Various Pavement Evaluations | Various Public/Private Clients | FL |
December 2008 – July 2019**

Conducted forensic evaluations of various asphaltic concrete pavement segments within residential subdivisions. These evaluations included visual assessment, pavement cores and shallow soil exploration at distressed pavement areas to evaluate cause(s) of the pavement failure.

Project Manager/Senior Engineer**Various Subsidence Evaluations | Various Major Insurance Companies (Sinkhole Coverage) | FL, TN & AL | 1999 - present**

These types of evaluations consist of subsurface exploration, observations of the site conditions and evaluation of data obtained to determine geotechnical cause(s) of distress, and to provide remediation recommendations when necessary per statutory requirements (sinkhole loss and catastrophic ground collapse coverage). Scott has served as a staff engineer, a project manager and senior engineer in these types of evaluations, determining project scope, collecting field data and exercising responsible charge (Engineer of Record) over project team members. When requested, Scott has performed peer review of engineering documents prepared by others and provided recommendations for additional testing and/or evaluation, if necessary.

Project Manager**Various Flood Evaluations | Various Major Insurance Companies (Flood Coverage) | Catastrophic Storm Damage Assessment | Hurricane Katrina | AL and MS | 2005****Hurricane Irene | NJ and PA | 2011 Hurricane Sandy | NJ | 2012****Hurricane Michael | FL | 2018-2019 Tropical Storm Eta | FL | 2020****Hurricane Ian | FL | 2022 Hurricane Nicole | FL | 2022****Hurricane Idalia | FL | 2023 Hurricane Helene | FL | 2024 Hurricane Milton | FL | 2024**

Was a member of emergency response teams for evaluating residential and commercial structures to determine causation and severity of hurricane related wind and water damages. Opinions were provided on the cause of the damage (wind and/or flooding).

Residential Land Development and Site Suitability Studies**Senior Project Engineer****Various Single-Family Home Subdivisions and Multi-Family Townhome Complexes | Various Private Clients | Pasco County, Hillsborough County, Pinellas County, Sarasota County, Lee County and Collier County, FL | December 2012 – July 2019**

Provided geotechnical services for proposed developments varying in size from 0.5 acres up to 800 acres, including a series of borings and test pit excavations within proposed parking/drive segments, structure area borings, and stormwater collection area borings. The borings were conducted to develop parameters for foundation, drainage and pavement design, and recommendations for associated site preparation and borrow soil suitability for reuse and seasonal high groundwater estimates. For Pasco County projects, the soils were also evaluated with respect to Pasco County Land Development Code requirements for geological hazards and associated recommendations were made with respect to the identified conditions warranting remediation/mitigation. Scott conducted field visits, coordinated the field activities, performed engineering analyses and prepared multiple engineering reports as Engineer of Record.

Scott also provided geotechnical services for various clients purchasing "buildable ready" lots within existing communities or communities under construction. Performed soil borings and/or test pit excavations with regards to the suitability of placed fill and to determine soil bearing capacity. Provided recommendations when necessary.

Helical Pile Analysis & Design**Geotechnical Engineer****USS Arizona Dock | Oahu, HI | 2018**

Performed a helical pile capacity analysis for the anchoring system for the USS Arizona Dock. Evaluated soil boring data for helical pile configurations and installation depths for the anchoring of mooring lines to stabilize the dock.

Geotechnical Engineer**Go Mobile Flooring Office | Tampa, FL | 2018**

Performed a helical pile capacity analysis for the foundation system for the construction of an office/warehouse building.

Project Experience (Continued)

Commercial Site Development

Senior Engineer

Grace Community Church | Wesley Chapel, FL

Performed a geotechnical testing program along with providing site preparation recommendation (typical and specifics for remediation of detrimental soil conditions encountered) and seasonal high groundwater estimates for the construction of four structures, associated parking and retention areas. The soils were also evaluated with respect to Pasco County Land Development Code requirements for geological hazards.

Senior Engineer

Mercedes Benz Dealership | Wesley Chapel, FL

Performed a geotechnical testing program along with providing site preparation recommendation for the construction of the dealership and associated parking. Also evaluated proposed pavement section thicknesses and performed an underdrain evaluation. The soils were also evaluated with respect to Pasco County Land Development Code requirements for geological hazards.

Senior Engineer

Goodwill Retail Site | Clearwater, FL

Performed a geotechnical evaluation (including seasonal high groundwater estimates), a pavement evaluation and a pond evaluation for construction of a single-story structure with associated parking and drainage areas. Based on the evaluation, provided site preparation recommendations for the construction of the structure and associated parking.

Senior Engineer

Tampa Family Health Clinics | Various Locations in Hillsborough County, FL

Performed geotechnical testing programs (including seasonal high groundwater estimates) along with providing site preparation recommendation for the construction of the structures and associated parking.

Staff Engineer

Tidewater Preserve, Towers 1 & 2 | Manatee County, FL

Provided preliminary geotechnical services for 4 10-story condominiums and attached clubhouse. Project included providing both shallow and deep foundation alternatives for the proposed towers.

Land Subsidence and Sinkhole Studies

Project Manager/Senior Engineer

University of South Florida – Various Locations on Tampa Campus | Hillsborough County, FL | 2009 - 2019

Planned and directed subsurface exploration programs including borings to evaluate the cause(s) of the formation of ground surface depressions and prepared remediation recommendations, when necessary.

Project Experience (Continued)

Municipal/Utilities

Project Manager/Senior Engineer
Jeffords Street Outfall | Clearwater, FL

Provided roadway cores and soil borings to determine pavement sections for rehabilitation of roadway and soil conditions for replacement of storm lines and storm structures. Borings & cores were performed along segments of three roads and along a seawall.

Project Manager/Senior Engineer
Hillsborough County Transportation Task Force (TTF) Automated Traffic Management Systems (ATMS) Program | Various Locations Throughout Hillsborough County, FL

Provided geotechnical evaluation services including soil parameters for proposed 30-foot or 36-foot long service poles along roadways at various locations throughout the county. Project involved interacting with government agencies (both state and local) and obtaining necessary permits.

Project Manager/Senior Engineer
Cellular Tower Sites | Various Locations in FL

Evaluated shallow and deep foundation alternatives along with general site preparation recommendations for ancillary structure(s) and soil parameters for design of drilled shafts.

Project Manager
County Road 672 Force Main | Hillsborough County, FL

Established the geotechnical testing program, including auger borings and Standard Penetration Test borings for the distribution piping. Developed the Maintenance of Traffic Plan (MOT).

Landfill Developments

Project Manager/Senior Engineer
Biscayne Landing – Spine Road | Miami-Dade County, FL

Biscayne Landing is a multi-use development located on a 200-acre municipal landfill. Established the geotechnical testing programs including for landfill profiling, auger borings, Standard Penetration Test borings for pavement design of the spine road. Utilized Dynamic Deep Compaction (DDC) for ground improvement beneath the roadways, including utility trenches.

Staff Engineer
Cypress Point Park | Tampa, FL

Geotechnical services for pavements and structures for development of a waterfront historical landfill site as a public park. Landfill was compacted and left in place below pavements.

Transportation

Senior Geotechnical Engineer
East Bay Street Extension | Sarasota County, FL

Supervised the geotechnical testing program, including auger borings, Standard Penetration Test borings and laboratory testing for pavement and drainage design for a 5,400-foot long segment of roadway. Report included an evaluation of the soils for the proposed pond and roadway extension as well as pavement design considerations and seasonal high groundwater estimates.

Staff Engineer
Moccasin Wallow Road | Manatee County, FL

Roadway soil survey and geotechnical evaluation for widening and reconstruction of an existing roadway.

Project Experience (Continued)

Educational Facilities

Senior Geotechnical Engineer

RB Cox Elementary School Addition/Expansion | Dade City, FL

The school campus added a one-story building, a pond and associated paved parking area. Performed Standard Penetrating testing, auger borings and an infiltration test to explore the subsurface conditions (including seasonal high groundwater estimates) and develop recommendations for site preparation and foundation design.

Senior Geotechnical Engineer

Sanders Elementary School Remodel | Land O'Lakes, FL

The school campus was removing existing buildings and adding new structures as well as adding a drainage area and expanding the existing parking area. Performed Standard Penetrating Test borings, auger borings and an infiltration test to explore the subsurface conditions and develop geotechnical recommendations (including seasonal high groundwater estimates) for the proposed construction. In addition, a study was performed along the adjacent roadway to evaluate existing pavement sections for the realignment/reconstruction of the roadway associated with the expansion of the school.

Construction Materials Testing

Senior Engineer

Various Projects within Central FL

Provide engineering review of the materials testing as the Engineer of Record for various residential subdivision and commercial projects, on an as-needed basis. Actively involved in communicating amongst the General Contractors, Civil Engineer of Record and Developers to insure appropriate testing services are performed.

Court Qualifications/ Depositions:

Litigation CV available upon request.

Professional Experience:

EFI Global, Inc. 2019 – Present

GHD (formerly Conestoga-Rovers & Associates) 2013 - 2019

HSA Engineers & Scientists (a member of the Conestoga-Rovers & Associates family of companies, fully integrated in 2013) 1998 - 2013

Education:

Bachelor of Science, Civil Engineering (BS), University of South Florida, 1999

Affiliations:

American Society of Civil Engineers