



GENERAL BUSINESS INFORMATION

Name of Business:	MESKEL & ASSOCIATES ENGINEERING, PLLC
Owner	Antoinette (Tina) D. Meskel, P.E., MBA
Office Location:	Jacksonville, Duval County, Florida
Number of Employees:	4
NAICS Codes:	541330, 541380
Dunn & Bradstreet No.:	01-733-9204
Federal EIN No.:	26-2014749
Type of Business:	Geotechnical Engineering, Geotechnical & Environmental Subsurface Investigations, Soil Sampling; Construction Materials Testing and Inspection Management
Type of Entity:	Professional Limited Liability Company
State Of Incorporation:	Florida
Date of Incorporation:	February 21, 2008
Certifications	JSEB, DBE, MBE

DESCRIPTION OF THE BUSINESS

MAE is a small business headquartered in Jacksonville, Florida providing geotechnical engineering consulting, subsurface investigations, and construction material testing and inspection management services in northeast Florida and southeast Georgia. Our primary clients include engineering firms and contractors performing work for the City of Jacksonville and surrounding municipalities, the Jacksonville Transportation Authority, the Duval County School Board, and the Florida Department of Transportation.

MAE is certified in the Jacksonville Small Emerging Business (JSEB) program. The company is also a certified Women-Owned business/Disadvantaged Business Enterprise (DBE) and a Florida Minority Business Enterprise (MBE).

MAE works on projects that include all aspects of public and private construction including bridges and roadways, industrial projects, high- and low-rise structures, below-grade utilities, pavement and drainage improvements, and re-development of parks and public spaces. We assist our clients on their projects from the time a site is being considered for development, through engineering design and preparation of construction documents, to completion of project construction.

PRESIDENT AND PRINCIPAL ENGINEER

Antoinette (Tina) D. Meskel is the President and Principal Engineer of Meskel & Associates Engineering. She is a Licensed Professional Engineer (P.E.) in Florida and Georgia with over 20 years of experience in geotechnical engineering consulting and subsurface investigation services. Fifteen (15) of these years have been spent in practice in northeast Florida and southeast Georgia.

QUALIFICATIONS AND CAPABILITIES

MAE staff has experience in many different project types including overhead and below grade utility lines, roadways and bridges, high- and low-rise buildings, industrial facilities, marinas, commercial buildings, parks, and residential communities. Our expertise includes performing and directing geotechnical site explorations and preparing foundation design recommendations. We have experience in analysis and design of shallow and deep foundation systems, ground modification procedures for problematic sites, engineered slopes, retaining walls, pavement sections, and earthen dams. We are also experienced in directing laboratory and field testing of soils and construction materials. Our typical project responsibilities include:

- Preparation of field work plans and supervision of field crews
- Delineation of problematic soil areas
- Planning and supervision of laboratory testing
- Soil stratification and preparation of soil profiles for plans
- Groundwater investigations required for underdrain evaluations or groundwater intrusion issues
- Groundwater drawdown analysis
- Evaluation of shallow foundation systems
- Evaluation of deep foundation systems including drilled shafts, driven piles and auger cast-in-place pile foundations
- Drainage and dewatering considerations
- Settlement analysis
- Analysis and design of temporary and permanent sheet pile walls
- Retaining wall analysis
- Slope stability analysis
- Analysis of deep excavations and braced cuts
- Preparation of Geotechnical Preliminary and Final Reports
- Pavement evaluations
- Monitoring geotechnical instrumentation such as settlement plates, inclinometers and piezometers required during construction.
- Daily monitoring of construction activities including mass grading, utility construction and pavement section construction
- Full-time construction materials testing programs for both contractors and project owners
- Auger and Driven Pile installation monitoring.

EQUIPMENT AND FACILITIES

Meskel & Associates Engineering maintains an office at 8936 Western Way, Suite 12 in Jacksonville, Florida. In addition, to our offices and conference rooms, our office includes 500 square feet of soils laboratory and 800 square feet of warehouse space for storage of our drilling equipment and tools. The company owns the software required to support the needs of our project team including design, scheduling, project management and financial support suites. Our smartphones keep us in constant contact with phone calls, e-mails and faxed documents from our team members and clients.

MAE has access to a large fleet of drilling equipment including multiple truck and All Terrain Vehicle mounted drilling rigs. On every field job, MAE oversees all drilling operations, and depending on the project needs, a MAE engineer will be on-site to observe and stratify the soils recovered at the boring locations, and to make immediate decisions or contact the project owner, as needed.