

CAPABILITY STATEMENT



CORE COMPETENCIES

PURA VIDA ENGINEERING SERVICES is a premier FDOT-certified Disadvantaged Business Enterprise (DBE) and Small Business Enterprise (SBE) geotechnical engineering firm. Our experience in the public and private sectors demonstrates competence in all aspects of geotechnical engineering, including:

- Site Characterization & Investigations
- Slope Stability & Settlement Analysis
- Geotechnical Instrumentation Installation and Monitoring
- Shallow & Deep Foundation Analysis
- Earth Retaining Structures
- Temporary Excavation Support
- Groundwater & Seepage Evaluation
- Pavement Evaluation & Design
- Sinkhole Evaluation
- Ground Improvement & Grouting Evaluation

ADDITIONAL SERVICES PROVIDED BY PVE:

CONSTRUCTION MATERIALS TESTING SERVICES:

Includes verification of construction materials for project compliance and specifications for concrete inspection, concrete strength testing, mortar and grout prism testing, soil compaction testing, and de-mucking inspection.

Recent Construction Materials Testing Projects:

- **Orange County Public Schools** – Site 50-H-SE-2
(Innovation Way North Area High School)
- **Sykes Creek Parkway Force Main Replacement**
- **City of Lakeland** – Lakeland VA Hospital

ENVIRONMENTAL SCIENCES SERVICES:

Includes Environmental Site Assessments (Phase I & II), Contamination Screening Evaluation Reports (CSER), wetland and endangered species coordination, NPDES and hazardous waste permitting, stormwater education outreach, and environmental & social impact assessment.

Recent Environmental Sciences Projects:

- **Turkey Creek Road** - Phase I Environmental Site Assessment
- **Volusia County** - Williamson Boulevard Widening Contamination Screening Evaluation Report (CSER)

SURVEYING SERVICES:

Includes boundary/ALTA surveys, topography surveys, arbor/tree surveys, utility coordination, and ground penetrating radar, coordination.

Recent Surveying Projects:

- **City of Leesburg** - Lift Station 72 Boundary and Topography Survey
- **City of Leesburg** - Utility Easement Boundary Survey
- **FDOT District 3** - Brooks Bridge (SR 30) Replacement Design Build

COMPANY DATA

FDOT DBE, MBE, SBE CERTIFIED

FDOT & CMEC CERTIFIED LABORATORY TESTING SERVICES

- 9.1 - Soil Exploration
- 9.2 - Geotechnical Classification Lab Testing
- 9.3 - Highway Materials Testing
- 9.4.1 - Foundation Studies
- 10.3 - Construction Materials Inspection

NAICS: 541330, 541370, 541380, 541620

GEOTECHNICAL PAST PERFORMANCES

- **FDOT District 3** – Brooks Bridge (SR 30) Replacement Design Build
- **FDOT District 5** – SR 50 Pond Vibration and Settlement Monitoring
- **FDOT District 5** – SR 50 Over CSX Crane Evaluation
- **Volusia County** – SR 415 Slope Remediation
- **Kennedy Space Center** – Nasa Mobile Launcher 2 Parksite & Modification Yard

TECHNICAL STAFF

- Mohammed Muzammil, P.E.** - President
- Kenneth D. Morgan, P.E., SI, CPM** - Principal Engineer
- Matthew McLeer, P.E.** – Principal Engineer
- Mustafa Syed** - CMT I Special Projects Manager
- Ikenna Uju, P. Eng, PMP** - Senior Project Manager
- Cherif Laloui** – Project Manager
- Jose Correa, PSM** - Surveyor

EQUIPMENT

- **DRILL RIGS** - Truck Mount, All-Terrain Vehicle, and Rubber Track Mount.
- **SUPPORTING FIELD EQUIPMENT** - Argo 6x6x6 Amphibious Vehicle, Aluminum Boat, Pavement and Rock Coring Tooling.
- **SAFETY** - Construction Grade Maintenance of Traffic (MOT) Devices.

COMPANY INFO

PURA VIDA ENGINEERING SERVICES

407.203.3804

puravidaengineering.com

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