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ABOUT US

AS A LEADER IN THE GEOTECHNICAL INDUSTRY, SOILS ENGINEERING IS A PRINCIPAL SPECIALTY OF FOUNDATION PROFESSIONALS.



Our parent company, Cal-Tech Testing, Inc., was established in 1980. Cal-Tech is a leader in providing geotechnical engineering and consulting services throughout the southeast and the US Virgin Islands. We have assisted with countless landmark construction projects including power plants, commercial, institutional and industrial structures; dams, levees and pipelines; tunnels, highways and bridges, and earth retaining structures such as

reinforced earth walls, embankments, and excavation support systems. In addition, our experience includes providing geotechnical services for low to high-rise building structures, municipal and international airports, interstate highways, and bridges.

As a leader in the geotechnical industry, soils engineering is a principal specialty of Foundation Professionals. It has been a key factor in our success for the past three decades. Our approach to solving below-ground related concerns, such as weak soils and ground subsidence or sinkholes (/sinkhole-repair-remediation/), stems from our knowledge of the engineering properties and geology of each subject site. This knowledge facilitates remediating adverse ground and foundation issues (/foundation-movement/) and problematic subsurface conditions.

FOUNDATION PROFESSIONALS OF FLORIDA WON THE ECP CORE INSTALLERS AWARD IN 2017 & 2018



Understanding the needs of our clients and a variety of remediation techniques, Foundation Professionals of Florida can alleviate structural and ground distress resulting from unsuitable subsurface conditions. We understand that every site poses a unique set of challenges that require site-specific solutions. Our personnel is committed to working to meet these challenges and promptly adapt to overcome.

At Foundation Professionals of Florida, we recognize that our success and sustainability is client-oriented. With that in mind, our practical and cost-effective solutions offered to owners, architects/engineers and contractors are based on this philosophy.

OUR PHILOSOPHY

"FOCUS ON DETAILS AND ESTABLISHED PROCEDURES TO ELIMINATE ERRORS BEFORE THEY OCCUR. THIS RESULTS IN THE HIGHEST LEVEL OF RELIABILITY AND CONFIDENCE THAT YOU AS OUR VALUED CLIENT EXPECT AND DESERVE."

Contact Us Today For A Free Estimate

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LOCATIONS

3309 FL-247
Lake
City, FL 32024
(386) 755-3002
(tel:386-755-3002)

1434 Highway
574
Seffner, FL 33584
(813) 605-1798
(tel:813-605-1798)

7540 103rd Street,
Suite 215 & 216
Jacksonville, FL 32210
(904) 287-2690
(tel:904-287-2690)

43 S. Powerline
Rd. #360
Pompano
Beach, FL 33069
(954) 371-0270
(tel:954-371-0270)

PRODUCTS

Steel Push Piers

[\(https://www.foundationprosfl.com/Steel-Push-Piers/\)](https://www.foundationprosfl.com/Steel-Push-Piers/)

RESOURCES

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Helical Piers

(<https://www.foundationprosfl.com/Helical-Piers/>)

Helical Tiebacks

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Seawall Anchors

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About Cal-Tech Testing, Inc.

Cal-Tech was founded in 1980 by Calvin and Linda Creamer in Lake City, Florida.

Our team is made up of geotechnical engineers, scientists, certified asphalt plant technicians, building and roadway inspectors. Our facilities are equipped with the latest, state-of-the-art equipment for: Superpave asphalt mix designs, large instrumented moisture rooms (for curing concrete specimens), automatic compactors, hydraulic presses, concrete and soil load machine soil, concrete, and asphalt analysis equipment, and other specialized testing.

Cal-Tech is a DBE/MBE Firm. Our laboratories are CMEC Certified and approved by Florida Department of Transportation (FDOT). We also perform work for GDOT, FAA, Army Corps of Engineers, DOD, and Federal, Local, and State Agencies. Our team is made up of Civil, Bituminous Environmental and Geotechnical Engineers, certified field and laboratory technicians, certified asphalt plant and roadway inspectors (FDOT and GDOT), project managers, project engineers, office engineers and administrative staff.

Cal-Tech's facilities are located in Lake City and Jacksonville, FL, to conveniently serve you.



As a leader in the geotechnical industry, soils engineering of Cal-Tech Testing, Inc., and is a key factor of our vast three decades. For this reason we started [Foundation Professionals](#) Cal-Tech Company, which offers alternatives to structural solutions resulting from unsuitable subsurface conditions.

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Cal-Tech Testing, Inc. Services

Material Testing Services

Cal-Tech Testing, Inc. has provided construction material testing services to the construction industry since 1980. We are actively involved in Florida Department of Transportation (FDOT) Construction Engineering and Inspection (CEI) projects throughout North Florida. Our personnel are certified by FDOT, ACI, CMEC, AWS and other appropriate agencies and are familiar with construction techniques and procedures.

Our Construction Materials Testing Laboratories are equipped to perform most soils, concrete, aggregate and asphalt testing on a volume basis to help minimize turn-around time. We have:

- Automatic compaction hammers for Standard and Modified Proctor Compaction tests
- Automatic LBR presses
- Soil Test CBR & LBR Manual Presses
- Large instrumented moisture rooms for curing concrete specimens
- Hydraulic presses for concrete compressive and flexural strength testing
- Los Angeles Abrasion device
- Marshall Stability Testing equipment and various sieves, shakers, ovens, and scales

Our facility is equipped with the latest, state of the art equipment for Superpave asphalt mix designs, recognized as the Strategic Highway Research Program (SHRP) method – equipment this includes:

- Troxler 4140 Gyrotory Compactor
- Troxler 4155 Asphalt Quality Analyzer
- 4155 Processor
- Aging ovens, scales, mixers, and molds

Our labs are accredited by the Construction Materials Engineering Council, Inc. (CMEC) and Federal Department of Transportation, and have been accredited by Army Corps of Engineers and Georgia Department of Transportation. Our laboratory has been found to exemplify the qualities of professionalism and superior standards. Cal-Tech owns five mobile coring rigs for sampling in asphalt pavement and concrete. Our laboratory technicians are well trained to efficiently perform the various test procedures in accordance with FDOT, ASTM and AASHTO and other widely accepted standards.

Our inspectors and technicians have completed a thorough training program which includes both internal training and external certification processes. They are supplemented with a fleet of trucks and a selection of testing equipment to support their assigned tasks. The inspection staff is a real and resourceful group who can recognize potential problems and respond accordingly. We focus on detail and established procedures to eliminate errors before they happen. This results in the high level of reliability and confidence that you as a valued client expect and deserve from a professional service organization. Individual resumes and certifications can be provided upon request.

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Geotechnical

Cal-Tech maintains fully operational drill rigs for performance of: Standard Penetration Test Borings, Auger Borings, Rock Coring and Monitoring Well Installation. We also perform Dynamic Cone Penetrometer, Static Cone Penetrometer and Foundation Evaluation, Design and Recommendation. Other tests include Field Permeabilities, Double-Ring Infiltrometer, Consolidations and many more.

Our Drilling Department maintains five truck mounted drill rigs and two-tripod rigs for limited access sites. These rigs include:

- BK 51HD
- CME 55

- Simco 2400
- Simco 2800
- Mobile B-40H
- 2-CME 45's mounted on a Ardco carrier all terrain (mud bug).

Our rigs are capable of performing monitor well installations, auger borings and Standard Penetration Test Borings for geotechnical evaluation and exploration.

Cal-Tech geotechnical engineers have performed hundreds of sub-surface explorations and geotechnical-related construction projects involving various types of structures in the South East Region. Our engineers background includes evaluation and design of shallow and deep foundation systems, pavement sections, reinforced/un reinforced retaining earth structures, inspection, testing and monitoring of earth work operations.

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Sinkhole/Remediation

Cal-Tech sub-surface remediation includes pressure grouting, foundation underpinning, drain systems, concrete and asphalt slab jacking and chemical grout injection.

Our facilities are equipped with the latest, state-of-the-art equipment specifically designed for subsurface exploration and remediation, utilizing cement and polyurethane grouts. Our underground modification services include the following:

- Geotechnical Engineering and Sinkhole Assessment
- Sinkhole Remediation/Ground Modification (chemical and/or cement grout injection)
- Pressure Grouting
- Permeation Grouting
- Slurry Grouting
- Chemical Grouting
- Grouted Injection Piers
- Slab Lifting and Void Filling
- Foundation Underpinning

Cal-Tech has performed the above services to private, commercial, governmental agencies and insurance companies, including Residential Homes, Office Depot, Interstate Roadways and Bridges, Energy Plants, Railroads, Domestic and International Airports.

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Concrete

Tests performed in our concrete laboratories includes:

- Concrete designs
- Compressive strength for cylinders
- Grout mortar strength
- Flexural strength-beams
- Organic impurities for concrete sand

Field Testing and Monitoring includes:

- Slump Loss Monitoring
- Air content
- Unit weight
- Testing drilled cores
- Swiss hammer
- Windsor probe
- Quality control for concrete batch plants
- Pre-stress inspection
- Drill shaft slurry test
- In-Place Concrete Evaluation

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Asphalt

Cal-Tech operates a full asphalt laboratory to perform:

- Superpave and marshall asphalt mix designs
- Asphalt Plant Quality Assurance/Quality Control
- Asphalt Roadway Quality Assurance/Quality Control
- Marshall Stability
- Extraction Analysis
- Maximum Specific Gravity
- Core Density
- In-Place Backscatter Density
- Core Drilling
- Core Permeability
- Pavement Evaluations
- Asphalt Cement Viscosity
- Fine Aggregate Angularity
- Flat Elongated Particle Analysis
- and many more

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Soils and Aggregate

Density/compaction tests (nuclear, drive sleeve, and sand cone methods), moisture density relationship (Proctor), LBR, CBR, FBV, limerock mine Q.C., gradations, particle size/hydrometer, Los Angeles abrasions, specific gravity, absorption, soil cement designs, Atterberg limits, organic pH, permeability (falling and constant heads), Calcium Carbonate, Sodium sulfate, Magnesium soundness, and many more.

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Aviation

Cal-Tech prides itself as being a leader in the construction materials testing and inspection of Federal Aviation Administration projects across the Southeast, the Bahamas, and the Virgin Islands. Cal-Tech routinely performs Resident Inspection, Quality Control and Quality Assurance Inspection, P-401 Asphalt Mix Design, Runway Pre-Design Inspection, and Runway Pavement Evaluation.

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Specialty

FDOT/CEI Roadway inspection, airport pavement surface and subsurface evaluation, aggregate quarry control testing, pile driving inspection, structural threshold inspection and monitoring, visible emissions testing, welding inspection, and many more.

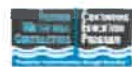
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As a leader in the geotechnical industry, soils engineering is a key factor of our vast experience over three decades. For this reason we started [Foundation Professionals](#), a Cal-Tech Company, which offers alternatives to structural problems resulting from unsuitable subsurface conditions.

At Foundation Professionals, we recognize that our success is client-oriented. With that in mind, our practical and cost-effective solutions are based on this philosophy.

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Cal-Tech Testing Company History

Cal-Tech Testing, Inc. was established as an engineering and construction materials testing firm in 1980 by Calvin and Linda Creamer and is headquartered in Lake City, Florida, along with an offices in Jacksonville, Florida. The firm has followed the philosophy of delivering quality service in a timely manner based on state-of-the-industry field testing and data gathering techniques. The company has developed by following the philosophy of maintaining orderly growth through a stable base of repeat clientele. This philosophy has enabled the company to grow in a financially stable, low-debt environment. Over the last several years, the firm has grown in size and expertise with additional engineering and field services to meet the highly specialized needs of the construction, engineering and environment marketplace.





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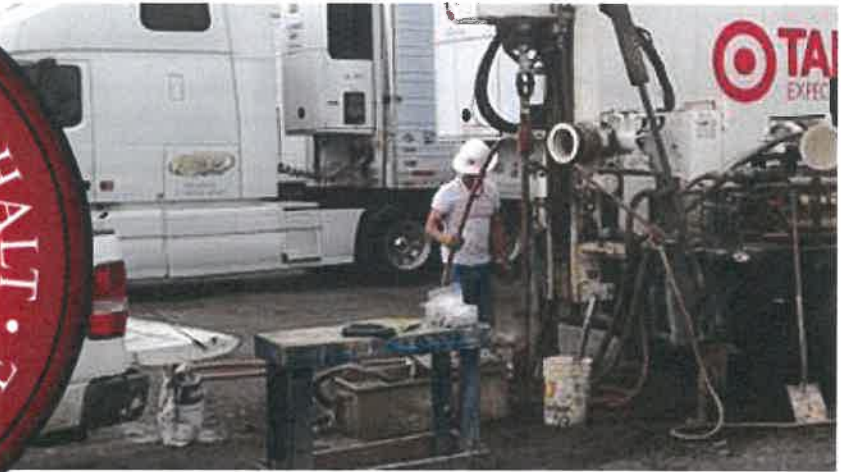
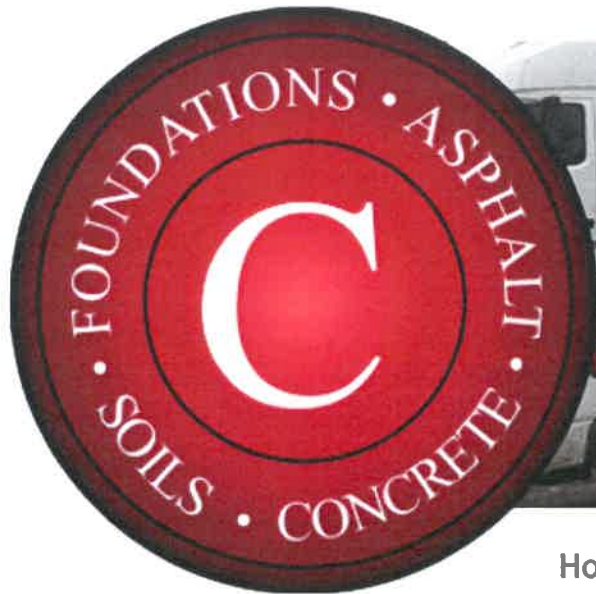
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Cal-Tech Testing, Inc. Personnel

Qualifications of Personnel

Cal-Tech Testing's dedication to excellence and providing high quality services is supported by experienced staff which is sensitive to your needs. Gary W. McCollum and Mike Stalvey, Jr. will serve as key people for our services and have over 50 years combined experience in the Materials Testing and Engineering Industry in the South East.

Ivan E. Marcano, M.S., P.E.

Cal-Tech Testing Inc. is glad to announce that Mr. Ivan E. Marcano has recently joined our Construction Material Testing and Geotechnical Engineering professional team. Mr. Marcano is a Florida Registered Geotechnical Engineer with over 20 years of practical foundation and geotechnical engineering experience in South Florida and the Caribbean.



Mr. Marcano's experience includes the planning and direction of geotechnical subsurface

investigation, the design of shallow and deep foundations and the implementation of various modification techniques as well as extensive expertise in construction quality control of private large-scale high-rise condominium projects, office buildings, hotels, retail developments, conv centers, sport arenas, resorts, malls, residential townhome developments and dike rehabilitatio projects for the government.

Gary W. McCollum, Executive Vice President

Gary has been with Cal-Tech Testing since it's inception in 1980. He manages our facility in Jacksonville, Florida. He has extensive field and laboratory experience in the areas of soil, concrete, asphalt testing and inspection. He has held numerous construction material testing certifications from FDOT, ACI, CMEC and other agencies. He has served as Resident Project Representative on Federal Aviation Administration Projects, Project Manager our District Wide FDOT Materials Testing and Inspection Contracts, and Project Manager on I Build Projects.



Mike Stalvey, Jr., Vice President

Mike has extensive experience in Soil, Aggregate, Concrete Field Testing and Drill Shaft Inspection. Mike has performed as a Quality Assurance/Verification and Quality Control Manager on numerous FDOT projects. His experience includes Concrete and Masonry work in performing his duties as a Drill Shaft Inspector. He is very familiar and knowledgeable with specifications and plan reading relating to most projects including vertical interstate/highway and bridge construction. Mike manages our Lake City office and oversees th Lab, Field, and GeoTechnical Operations.



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