



EDUCATION University of South Florida - Tampa, Florida
Bachelor of Science in Civil Engineering, 1989

**REGISTRATIONS/
LICENSES** Registered Professional Engineer – Arizona #27832 and Florida #49195
Florida Licensed Special (Threshold) Inspector #1148
Licensed Environmental Professional #351
NCEES Council Record #14344
Florida DEP Stormwater Management Inspector #23527

**PAST/CURRENT
CERTIFICATIONS** Asphalt Plant Technician - Florida Department of Transportation
Concrete Field Technician, Level I - American Concrete Institute
Nuclear Density Gauge Safety Training - Troxler Laboratories
Construction Quality Management for Contractors - US Army Corps of Engineers

**MEMBERSHIPS/
AFFILIATIONS** American Society of Civil Engineers
Deep Foundations Institute (DFI)
Chi Epsilon National Civil Engineering Honor Society

EXPERIENCE:

2009 to Present YPC Consulting Group, P.L., Fort Myers, Florida
Partner / Chief Engineer

As Chief Engineer for the firm, I supervise and coordinate engineering and technical tasks for the operation. I provide technical advice to Clients in the geotechnical engineering, construction materials testing, threshold inspection, and general civil engineering fields.

7/1996 to 12/2008 ASC Geosciences, Inc., Fort Myers, Florida

- o Vice President of Technical Services
- o Director of Special Inspection Services
- o South Florida Regional Manager

As Vice President of Technical Services I was responsible for coordination and oversight of technical services offered at five primary offices throughout the state of Florida. These services included geotechnical engineering and construction materials engineering and testing. Services included planning of geotechnical field exploration programs; providing foundation recommendations for augered cast-in-place concrete pile, cast-in-place concrete displacement pile, and driven precast concrete pile foundation systems; providing recommendations for conventional spread footing foundation systems bearing on naturally existing soils or soils improved by vibro-replacement or vibroflotation techniques; pile load testing and pile integrity testing using ultrasonic (i.e., single-hole or cross-hole logging) testing methods; use of geotextiles for stabilization of marginal soils; and, forensic engineering investigations.



As Director of Special Inspection Services I was responsible for administration and oversight of Special (Threshold) Inspection projects throughout the state of Florida. I was responsible for the coordination and management of the corporate threshold inspection division staff consisting of 7 professional engineers, 3 licensed

threshold inspectors, 2 engineering interns, 2 graduate engineers, and approximately 10 registered building inspectors.

As South Florida Regional Manager, I was responsible for overall administration of south Florida operations, from our south Florida regional office in Fort Myers, Florida. Responsibilities included personnel management, invoicing, collections, training, budgeting, and recruiting.

1/1995 to 3/1996 David Boland, Inc., Titusville, Florida
Construction Quality Control Systems Manager

Responsible for planning and implementation of overall quality control program for a major construction contract for the U.S. Army Corps of Engineers at Fort Rucker, Alabama. Duties included oversight and coordination of inspectors and testing agencies, coordination with Federal government engineers, review and approval of submittal packages, performance of daily on-site inspections, and report preparation documenting all construction activities.

10/1992 to 1/1995 Metric Construction, Inc., Thousand Oaks, California
Construction Quality Control Systems Manager

Responsibilities generally the same as for David Boland, Inc. described above for major military construction projects for the U.S. Army and U.S. Navy at: (1) China Lake Naval Weapons Center at China Lake, California, and (2) U.S. Army Yuma Proving Grounds at Yuma, Arizona.

8/1991 to 10/1992 Irvine Consulting Group (ICG), Inc., Irvine, California
Staff Engineer

Responsibilities included preparation of geotechnical engineering and construction material testing reports; planning and implementation of testing/inspection program for evaluation of existing masonry structures for compliance with newly enacted municipal earthquake codes in southern California; performing concrete batch plant inspections; geotechnical evaluation of roadway subsoils and roadway section evaluations.

12/1989 to 8/1991 ASC Geosciences, Inc., Lakeland, Florida
Laboratory Services Manager, Project Engineer

Responsibilities included management of laboratory testing services division for both geotechnical and construction material testing projects, plan reviews, proposal preparation, asphalt batch plant testing and inspection for FDOT projects, soil-cement design, and concrete materials design.



6/1989 to 12/1989 Sun Engineering, Inc./Yaxley & Gilmore, P.A., Holiday, Florida (Affiliates)
Project Engineer

Yaxley & Gilmore, P.A. - Assisted senior engineers in conducting forensic engineering investigations and prepared final reports, and aided in preparation of materials for expert witness testimony.

Sun Engineering, Inc. - Performed hydrologic analyses for drainage and retention systems, septic system site evaluation and design, minor structural design, and construction progress evaluations.

PROFESSIONAL PUBLICATIONS

- Stephan, Gregory A., Rodriguez, Thomas, and Saxena, D.S., "*Properly Designed and Installed Geotextile System Saves a Costly Horticultural Waste Station – A Case History*", ASCE Florida Section Annual Meeting, Gainesville, Florida, 17-19 September 1998.
- Stephan, G.A. and Saxena, D.S., "*Designed, Load-Tested, and Installed ACIP Piles for Charlotte County Justice Center in Southwest Florida – A Case History*", ASCE Florida-South Florida Sections Annual Meeting, Orlando, Florida, 16-18 September 1999.
- Stephan, G.A. and Saxena, D.S., "*Designed, Load-Tested, Installed, and Integrity-Tested ACIP Piles at Lovers Key Site in Southwest Florida*", *Proceedings*, Deep Foundations Institute Annual Meeting, 14-16 October 1999.
- Stephan, G.A. and Saxena, D.S., "*Designed and Load-Tested ACIP Piles for a Mid-Rise Condominium in Southwest Florida – A Case History*", *Proceedings*, 52nd Canadian Geotechnical Conference, Regina, Saskatchewan, Canada, 24-27 October 1999.
- Saxena, D.S. and Stephan, G.A., "*Case History of Designed, Installed, Load, and Integrity-Tested ACIP Piles Project*", *Proceedings*, 4th International Geotechnical Seminar, Ghent, Belgium, 2-4 June 2003
- Saxena, D.S., Murati, H.F., and Stephan, G.A., "*Designed, PDA Assisted Load Tested, and Constructed Pile Foundation Provides and Economical Foundation Solution*", *Proceedings*, Deep Foundations Institute Annual Meeting, Miami, Florida, 22-24 October 2003.