

# **Felix A. Peguero, P.E., S.I.**

## **Consulting Engineer**

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## **Education**

### **Bachelor of Science in Civil Engineering**

Dispute Resolution Board Foundation

Dispute Review Board Administration and Practice Workshop

Dispute Review Board Chairing Workshop

University of Puerto Rico  
Seattle, Washington, USA

## **Professional Registrations**

Lic. Prof. Engineer FL No. 34473

Lic. Prof. Engineer CO No. 20558

Lic. Prof. Engineer PR No. 6982 (passive)

Special Inspector (threshold), Florida No. 573

## **Professional Affiliations**

Member – Dispute Resolution Board

Member - National Society of Professional Engineers

Member - American Society of Civil Engineers

President-Miami-Dade Branch (2005)

Secretary – Miami-Dade Branch (2004)

Fellow - Florida Engineering Society

Chair – Awards Committee, Miami Chapter (2005)

Director – Miami Chapter (2004)

VicePresident – Miami Chapter (1995)

Member - ACI – South Florida Chapter

President (1992)

## **Summary of Experience**

Over 35 years of program management, construction management and engineering design experience in major industries. Proven executive management experience during a period of nine years in charge of an engineering company and the following five years as part of the executive management team of one of the world's premier engineering/construction organizations. Last eight years as Principal of consulting private practice. Construction experience includes management of construction projects, project management, project engineering, project controls and contract administration of Transportation, Telecommunication, Pharmaceutical, Chemical, Airports, Buildings and Commercial projects. Engineering experience includes design and consultations for transportation, buildings, facilities, wireline and wireless telecommunication infrastructures. Moreover, civil, geotechnical and structural design, property condition assessments, site condition surveys, engineering studies, construction inspections, materials testing, quality assurance and quality control have been satisfactorily performed. Extensive services provided for construction dispute resolution on major domestic and international projects. Considerable forensic engineering experience attained and have provided expert witness testimony in courts with respect to engineering and construction related litigation. Invited as Adjunct Lecturer by the University of Miami, in Coral Gables, to teach engineering classes since August 2010.

**Experience:**

**Felix A. Peguero Guerrero, P.E.** (12/2000 to Present)

**Consulting Engineer**

- Principal of firm providing engineering services related to civil and structural consultations and geotechnical engineering to private and public entities. Also, program and construction management, project controls, engineering inspections, construction claims analysis, dispute resolution and expert testimony. Successfully completed several projects / assignments.
- Since 1979, participated and completed projects on civil and structural designs, construction management, project controls and construction claims analysis and expert testimony in domestic USA and Internationally.
- Member of Dispute Review Board for FDOT Projects. Performed assignments in compliance with the Three Party Agreement in a successful manner.
- Adjunct Lecturer at University of Miami in Coral Gables, Florida since August 2010. Teaching civil engineering courses at junior and senior levels.

(12/2000 - 4/2004)

Corgan Associates, Inc.

Miami, FL

North Terminal Development Program, Miami International Airport

**Consultant-Senior Project Manager**

- Managed A/E design and construction of Automated People Mover (APM) running above roof of Miami International Airport's North Terminal, as well as program management of approximately 90,000 square feet of new facilities. Coordinated and worked with other managers and team members to develop design, budgets, schedules and plans for the various phases of the project. Established project meetings to review project status and formulate path forward. Reported to management on the progress of all project activities, including any conditions, which would affect project cost and schedule.
- Managed the materials testing contract for this 3.2 million square feet and \$1.8 billion Program. Planned and mobilized resources to meet the quality requirement of the program. Assigned and monitored responsibilities for executing the required testing and inspection requests based on team assessment of their qualifications and strengths. Worked with other managers to maintain the services required within established budget.
- Estimated cost of projects directly managed is approximately \$350 million, achieving on time completion of milestones.

**FLUOR DANIEL** (8/1995 –12/2000)

**Executive Project Manager**

Five years of Project Management and Engineering execution for the following projects:

(4/1999-12/2000)	Network Realization Program, AT&T Local Services (ALS)	Dayton, New Jersey
(11/1998 – 3/1999)	Level 3 Communications, LLC	Dallas and Houston, TX
(2/1997 – 10/1998)	BellSouth Telecommunications – OSP Program	Plantation, Florida
(4/1996 – 2/1997)	Aerial Communications Program	Tampa, Florida
(8/1995 – 3/1996)	PrimeCo Telecom	Honolulu, Hawaii

- Directed all aspects of Telecommunication Infrastructure Engineering for National Program including coordination with Client's Network Planning and Network Engineering to prepare and implement OSP and ISP standards, practices, guidelines and other technical issues to properly manage the built out of 3000 telecommunication Inside Plant (ISP) sites and approximately 1,250 miles of new Outside Plant (OSP) backbone throughout the United States
- Directed total operation of the OSP engineering effort for the South Florida Region which included four Counties and extended from Palm Beach to Key West with a total of approximately 200 engineers providing the Outside Plant Design services requested by Client

- Acted as prime interface with the client for the Central Region of Florida. Performed as Engineer of Record for all site planning, evaluations, preliminary and final engineering design and permitting of sites supervising a group of engineers and support staff. Directed construction management of more than 240 telecommunications wireless sites located in the central part of Florida. Selected subcontractors and awarded contracts for the construction of sites. Managed the site evaluation, engineering design, permitting and construction of the 10,000 s.f. Mobile Switching Facility for this Program.
- Performed as Client representative for the plan, development, engineering design and construction for the Infrastructure implementation of the wireless network for PrimeCo. Coordinated and managed the design of the 7,500 s. f. Mobile Switching Facility, procured contractors and managed the construction of the Facility. Negotiated with property owners to finalize agreements for wireless sites.

## **CONSTRUCTION CONTROLS and CLAIMS COMPANY (1987 to 1997)**

### **President**

- Performed project management services for construction projects, mainly for contractors and owners, in the areas of planning & scheduling, cost estimating, construction cost control, affirmative and defensive construction claims analysis and expert testimony. Served as construction dispute consultant for several domestic and international projects.

Representative projects completed were:

Plan & CPM schedule for FDOT Project – Job Nos. 87120-3903 and 3535, S.W. 8th Street, Miami, FL

Materials take off for Project No. 04-775.10, Car Sound Road Reconstruction and Environmental Mitigation

Plan & CPM schedule for FDOT Project No. 87270-3508, I-95 and SR836 renovations and expansions

Pavement consultant for dispute on roadways for large residential project in Cayman Islands

## **WINGERTER LABORATORIES, Inc. (1986 – 1995)**

North Miami, Florida

### **President and Chief Engineer (1991 – 1995)**

and Ft. Myers, Florida

### **VicePresident and Chief Engineer (1986 – 1991)**

- As President, responsible for the total operation of the company, which included Business Development, Strategic Planning, Finance and Human Resources. Engineer of Record responsible for the direction of engineering consultations, design projects, investigations and materials testing performed. Completed in excess of 3,500 engineering consultations and designs. Several Special / Threshold projects were completed in Florida as well as many forensic consultations. Provided expert witness testimony in court for many cases involving geotechnical, structural and materials engineering. Heavily involved with FDOT projects providing consultations and testing for concrete, asphalt and soils. Completed in excess of 100 different assignments and technical support for FDOT contractors. Established the first international office for the company and successfully completed major project.
- Opened the first international office of the company and procured and obtained project work. Successfully completed project as per client's satisfaction.
- As VicePresident, performed as Engineer of Record and directed a staff of engineers and technical personnel on civil, structural and geotechnical projects, testing of construction materials, construction inspections and project management. Completed in excess of 4,000 engineering consultations and designs for owners, contractors and government agencies, including FDOT. Directed concrete technician certifications in South Florida. Completed more than ten major threshold projects. Completed many forensic engineering investigations and provided expert witness testimony in courts.

## **DANIEL INTERNATIONAL CORPORATION (1973-1986)**

(1/1983 to 3/1986) Downtown Metromover Project

Miami, Florida

### **Manager – Project Controls and Services**

- Led Controls and Services groups in this \$250 million transportation project. Design Engineering coordination, planning and scheduling, cost controls, finance, accounting, warehousing and contract

- administration were the specific functions under my responsibility. Managed, analyzed and negotiated construction claims, presented by 14 subcontractors, successfully and processed change orders as applicable. This was a challenging elevated guideway and automated people mover system constructed in downtown Miami. Performed the duties of acting project manager as required. Work was successfully completed and trains are in operation since middle of 1986.

(2/1981 to 12/1982) Union Shale Oil Project

Parachute, Colorado

### **Manager – Project Cost Engineering**

- Executed project cost engineering functions on this \$660 million project. Supervised a staff of nineteen team members to perform and complete project per schedule. Managed two separate sites to the satisfaction of the client. Also, responsible for the managing of the computer group, which provided all data entry functions for management, cost and financial reports for this project. Managed, evaluated and negotiated claims presented by contractors.

(5/73 to 1/81)

- During this period of eight years, performed construction management work in Puerto Rico. Involved in all phases of a construction project, starting as a Field Engineer, progressing to Project Cost Engineer, Project Planner, Project Engineer and Project Manager. This last position was attained after seven years of employment, where company's standard dictated over 12 years of experience for this position. Projects consist of pharmaceutical plants and complexes, chemical plants as well as industrial, commercial and transportation facilities.

### **Training**

Managing Manager Time

Effective Negotiation

Effective Presentations

Kepner Tregoe Apex II

Project Management Excellence

Behavioral Style Analysis

Performance Evaluations

Attended more than 150 short courses, seminars and lectures

### **Lectures**

Presented lectures to field employees of Daniel International Corp. on Cost Controls and Planning & Scheduling

Invited and presented lectures to engineering students at University of Miami on engineering lessons learned

Invited and presented lectures to engineering students at Florida International University on engineering topics

Presented lectures on Effective Business Management to employees of Wingerter Laboratories and Fluor Daniel

Presented lectures on construction of telecommunication infrastructure to Fluor Daniel employees

Speaker at South Florida Building Officials Annual meeting on geotechnical engineering

Speaker at ACI South Florida Chapter on Deep Foundation for Buildings

Keynote Speaker at Annual Meeting of ABA Construction Group

### **Other Certifications**

Radiation Safety Officer – Troxler Cert. No. 29074

Concrete Plant Inspector - Cert. No. RMI-034-90

ACI Examiner for Concrete Technician Level I

ACI Examiner for Concrete Inspector Level II