

FRANK ANTHONY CONSOLI, Ph.D., P.E., PTOE, AICP, LEED AP

Address: 109 Ludlow Drive
Longwood, Florida 32779-4610
Phone No.: 407-409-2893
E mail address: frankconsoli@bellsouth.net

EDUCATION

Bachelor of Science in Geology - December 1979, University of Miami
Bachelor of Science in Civil Engineering - May 1982, University of Miami
Master of Engineering in Civil Engineering -December 1984, University of Florida
Ph.D. in Civil Engineering - December 2014, Univ. of Central Florida

EXPERIENCE

SEMINOLE COUNTY

Open for Business Administrator for Economic Development from July 10th, 2019 to July 26, 2021. Duties include working with Development Services and Public Works to resolve issues with developments. Review of Land Development Code and Florida Statutes as part of review. Perform as liaison between the customer and these Departments if an impasse occurs and work with all sides for a solution. Performed overlapping duties as the **Interim Building Division Manager** from August 15 to December 17, 2019 leading and supervising the building division team including the Building Official, plan reviewers, building inspectors and permit technicians. Also performing duties in sustainability and energy efficiency consultant contract by selecting a consultant and guiding them on Work Orders for Review of the 5 Points campus Consolidating County Offices) building construction and evaluations of Building efficiencies including alternate power (evaluated Solar on roofs), County Fleet for electrification and hydrogen fuel, Water and Wastewater systems and Landfill for Methane conversion to Hydrogen fuel and possible solar farm. **Deputy Development Services Director** developing solar criteria in the LDC, oversaw the Building Department and coordinated with Development Engineering on developments from July 26, 2021 to July 1, 2022 (Retired).

SEMINOLE COUNTY

Deputy Public Works Director/ Deputy County Engineer in Public Works from November 28, 2016 to July 9th, 2019. Duties include supervision of Construction Management and Development Review Engineering staff. Review of consultant proposals and presentations, member of LYNX Advisory Group for SR 436 Transit Study, alternate member for TSMO at Metroplan, vice chair for TAC at Metroplan, traffic calming review, inter-governmental coordination (County, Cities, CFX, FDOT), providing information and presentations to County Commissioners, ADA compliance,.

respond to citizen issues, review development plans, review traffic operations of new developments, emergency management, and review of small cell communication statutes.

Interim Director of Development Services from August 2, 2018 to September 25, 2018. Supervision of planning and building staff in the Development Services Division. Chair Development Review Committee (DRC) in review of development projects and any affect to existing infrastructure. Develop budgets, consultant selection, negotiation of contracts, review design of roadway projects for development and represent Development Services at County Board meetings and with the public. (Returned to previous position)

CITY OF ORLANDO

Traffic Operations Engineer for Transportation Engineering Division (Public Works) from July 14, 2008 to November 23, 2016. Primary duties include supervision of staff for street light program, conversion to energy efficient LED lighting, quality control, project management, design build, pedestrian safety including ADA upgrades, modeling and simulation for traffic, data collection, review of school zones, planning, traffic calming, bicycle routes, transit signal priority, traffic studies, traffic signal timing, capacity analysis, emergency management, neighborhood traffic management, design and implementation of traffic control, TAC and TSMO member at Metroplan Orlando, inter-governmental coordination (County, CFX, FDOT), ITS and fiber optics, construction management, consultant selection, special event coordination and intra-governmental coordination (police, fire, public works, parking, LYNX transit agency and economic development).

CITY OF ORLANDO

Assistant Division Manager for City of Orlando Capital Improvements Division from May 22, 2006 to July 11, 2008. Primary duties include supervision of construction management staff for multi-million dollars of construction contracts per year including roadway widening, streetscapes, wastewater plants construction, re-claimed water lines, parking garages, building renovation, well construction and park construction. Involved with consultant selection (design and CEI), fee negotiations, council agenda items, monitor budget, monitor consultant performance, and scheduling of projects. Projects included design build of fire stations 1, 7, 14, 15, 16, and 17, Shingle Creek bike trail, Jefferson Street Parking garage, Conway Road widening, Dubsdread sanitary sewer upgrade and Fairview Shores storm and sanitary sewer, consultant design for Columbia and Sligh Boulevard, and Livingston design and planning review of Barriers to Access.

GCI INTERNATIONAL, INC.

Resident Engineer from January 16, 2006 to May 19, 2006. Primary duties included resident engineer duties on an OOCEA project on SR 528 (Beeline) and SR 436. This was a \$25 million design build project. Developed material testing criteria and logs, RFI

logs, meeting agendas, monthly estimates, coordination with FAA and Orlando International Airport and utility coordination.

CARTER & BURGESS

Senior CEI Engineer from January 2, 2002 to October 14, 2005. Primary duties include the development of marketing for expansion of CEI services in Florida by Letters of Interest, Technical Proposals and Contract Negotiations. Completed assignment as Senior Project Engineer on Turnpike Resurfacing in Orange and Osceola Counties, SR 50 Exit Ramp at MP 272 and Osceola and Orange County Median Guardrail (75 miles of median guardrail- \$28 million). Completed assignment as Senior Project Engineer for Contracts 528-100 and 528-100A on OOCEA guardrail projects as a sub-consultant to Page One Consultants. Completed Senior Project Engineer duties on I-95 Design Build CEI project in District Five and represented FDOT-District One on Dispute Review Board for US 41 project in Bonita Springs.

FLUOR DANIEL CORPORATION

Resident Construction Manager from April 16, 2001 to January 1, 2002. Primary duties include the supervision of inspection staff on the \$70 million widening of Interstate 385 in Greenville, South Carolina. Other duties include contract interpretation, public involvement, utility coordination, environmental compliance, coordination with city and state agencies, plans review, pre-construction activities for the \$2 million Congaree Road and \$15 million SC 20, presentation to SCDOT management in Columbia, material compliance review and CPM schedule review.

FLORIDA DEPARTMENT OF TRANSPORTATION

Turnpike District Specifications Engineer from July 21, 2000 to April 13, 2001. Primary duties included the development of contract specification packages including Technical Special Provisions for Turnpike projects throughout the state of Florida involving road and building construction, traffic control plans, consultant selection, training of design consultant in specification development, review design technical proposals, plans review and providing constructability reviews during design phase.

GAI-CONSULTANTS SOUTHEAST, INC.

Consultant Resident Engineer from January 2, 1998 to July 20, 2000. Primary duties include assisting in marketing efforts, technical proposals, and administration of CEI contracts. Prepared fee proposals and conducted contract negotiations. Perform Quality Control and Quality Assurance audits on CEI contracts. Consultant Resident Engineer for the construction of the Western Expressway (SR 429- Part A) Contract 604, a \$17 million new limited access toll facility south of Apopka for the OOCEA.

CONSUL-TECH ENGINEERING, INC.

Director of Construction Services from August 19, 1996 to January 1, 1998. Primary duties included marketing of Construction Engineering and Inspection services to the Central Florida area. Performed project inspection of land development at Mt. Dora Country Club and Eastpointe subdivision. Inspection involved all areas of land development including bond issuance, permit compliance, water and sewer installation, placement of electrical and telephone lines, cost negotiation, change orders, asphalt paving and concrete inspection. Additional duties also included review of as built information for Surety Company on Polk County Parkway.

KEITH and SCHNARS, P.A.

Central Florida Area C.E.I Engineer (Resident Engineer) from June 6, 1995 to August 16, 1996. Primary duties involved Resident Engineer position on Turnpike resurfacing in Osceola County, Beeline resurfacing in Orange County, Joshua Creek Bridge replacement in Arcadia, Resurfacing and widening of two projects in Monticello on CR 257 and US 90 in Monticello and Avon Park Airport runway extension. This position involved supervision of project staff, cost negotiations, legal testimony, project marketing, claims analysis, environmental permit monitoring, preparation of final estimates, coordination with FAA, and MOT inspection.

WILBUR SMITH and ASSOCIATES

Office Engineer from January 30, 1995 to June 1995. Primary duties included preparation of the final estimates package, materials inspection, asphalt roadway inspection, concrete materials inspection, multi-line earthwork computer program, project marketing, assist Project Engineer in project management and project inspection for the 66th St. widening project and Gulf Beach Projects including Rehabilitation of Corey Causeway Bascule Bridge.

REYNOLDS, SMITH and HILLS, INC.

Senior Project Engineer (Resident Engineer) from March 15, 1993 to January 13, 1995. Primary Duties include preparation of Supplemental Agreements, monthly progress estimates, materials certification, final estimates, Engineers weekly summary, provide assistance for any litigation (includes expert testimony), review of contractor's schedule, utility relocation, review and analyze claims and interpret contract plans and specifications. Projects in Tallahassee included Capital Circle Widening (Phase I), Tharpe Street Widening, and Interstate 10 Pavement Rehabilitation.

FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT)

Senior Program Manager/ Program Manager (PEIII) from November 1, 1990 to March 13, 1993. Primary duties include the coordination of construction activities for several highway and bridge projects in Miami including Kendall Drive Reconstruction, Gratigny Parkway, Tamiami Trail Reconstruction, and Downtown Miami Signalization. These projects include the supervision of In-House inspection staff and Consultant Engineering and Inspection staff. Included with these duties were assisting in Construction Plans Review, Claims Analysis, assist Legal Staff in preparation for Litigation and Contract Preparations.

FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT)

Construction Plans Review/Scheduling Engineer (PEII) from October 25th, 1989 to November 1, 1990. Primary duties include review of plans in various phases of design for compliance with Department Standards, construction feasibility of project, analysis of contract time required and review of the contractor's work progress schedule. The latter requires analysis by the use of the Primavera scheduling program and/or by the Department's scheduling program. (In November 1990 assumed Resident Engineer duties for Kendall Dr. Widening)

FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT)

Construction Program Manager from July 30th, 1987 to October 24th, 1989. Primary duties included the supervision of Consultant Inspection of Department projects and to act as liaison between the Consultant and various other agencies. Projects under my supervision were; Julia Tuttle Widening, SR 112 Widening, I 95 Widening/SR 112 Connector to Metrorail, Dolphin Interchange Improvement Projects at JRS Stadium on Turnpike mainline, Earlington Heights Parking Garage, Gratigny Parkway and Landscaping, Turnpike toll plaza at JRS stadium and the Airport Ramp Connector to Miami International Airport. The Airport project involved construction coordination and scheduling runway closures with the FAA, Miami International Airport and Eastern Airlines.

FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT)

District Final Plans and Contracts Engineer for Design from October 30th, 1986 to July 29th, 1987. Primary duties include the final review of the roadway plans prior to submission to Tallahassee, development of special provisions, constructability review, project cost estimation and supervision of final plans storage.

FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT)

Construction Project Engineer from January 1st, 1985 to October 29th, 1986. Primary duties included supervision of construction projects assure compliance of the contractor to Department Standards and Specifications, the calculation of monthly payments to the contractor including final measurements, verification of all project material certifications and to act as a liaison between the contractor and other agencies. Projects included I-75 construction, NW 135th Street Milling, Widening and Resurfacing and NW 57th Avenue Milling & Resurfacing, site development and construction of District Six office complex.

DEPARTMENT OF CIVIL ENGINEERING - UNIVERSITY OF FLORIDA

Graduate assistant from January 2nd, 1984 to December 15th, 1984. Primary duties included the compilation of data and analysis in a FDOT funded research project concerning the property of concrete creep due to different types of concrete design mixes.

FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT)

Mini-contracts Engineer in Maintenance from August 1st, 1983 to December 20th, 1983. Primary duties included the field review of potential mini-contract projects (less than \$150,000 in cost), design of this project roadway site, development of contract documents, cost estimate. Other duties include contract interpretation, public involvement, and utility coordination.

VME CONSULTANTS

Measurement Technician/ Field Representative from August 30, 1980 to January 1, 1982. Primary duties included the setup of vibration monitoring equipment at construction sites and the interpretation of the data for compliance with applicable codes.

PROFESSIONAL REGISTRATIONS

Professional Engineer State of Florida	No.	0038583
LEED AP Building Design/Construction	No.	10131595
American Institute of Certified Planners (AICP)	No.	30921
Professional Traffic Operations Engineer (PTOE)	No.	3223
Florida DEP Storm-Water Management Inspector Trainer	No.	1060

PROFESSIONAL ORGANIZATIONS

Dispute Resolution Board- Current Member (Member since 1999) Served on DRB boards for FDOT District One, Two, Turnpike District, District Five and Seminole County, Florida

U.S. Green Building Council- Central Florida Chapter LEED BD+C

American Planning Association

Institute of Traffic Engineers – Current Member

CIVIC ORGANIZATIONS

Former Florida Citrus Sports Member and Volunteer

Former Orange Soils and Water Conservation Board District Supervisor (Two terms)

Current Member of Rotary Club of College Park

PUBLICATIONS

“Smart Event Traffic Management: Impact on the Central Florida Regional Transportation Network and Lessons Learned”, published in the Transportation Research Record: Journal of the Transportation Research Board (TRB). This paper received an award from the TRB in Washington D.C.

“Applications of Traffic Signal Priority Technology for Transit Service”, Paper accepted for publication the TRB Annual Meeting (January 2015). This paper received an award from the TRB in Washington D.C.

“Transit Deserts- Myths, Realities, and Solutions”, Institute of Traffic Engineers (ITE), Coauthor, Spotlight- Quick Bites, April 5, 2023

PRESENTATIONS

“Smart Event Traffic Management: Impact on the Central Florida Regional Transportation Network and Lessons Learned”, Paper presented at the TRB Annual Meeting in Washington D.C. (January 16, 2013)

“Smart Event Traffic Management: Impact on the Central Florida Regional Transportation Network and Lessons Learned”, Paper presented to ITS (United Kingdom) Smart Environment Interest Group.

“Applications of Traffic Signal Priority Technology for Transit Service”, poster presentation to University of Central Florida 2013 Graduate Research Forum April 2, 2013

“Applications of Traffic Signal Priority Technology for Transit Service”, Paper presented at the TRB Annual Meeting (January 2015)

PRESENTATIONS (cont.)

“Developing a County-wide Energy Efficiency and Sustainability Plan” presentation at the 2022 FES/ ACEC-FI Annual Conference on July 22, 2022

TRAINING SEMINARS and CERTIFICATIONS (Partial List)

FDOT CTQP Qualifications: Asphalt Paving- Level I & II
Earthwork- Level I & II
Quality Control Manager
Drill Shaft Inspection

Florida DEP Storm-water Management Inspector October 30, 2002 (No. 3483) and re-certified March 2014, November 2017 (no. 39266) and March 2018.

Design Build Institute of America Seminar, March 2002

Completed DRB Foundation Chairman Training 2018

FHWA Pedestrian Safety 2011 and 2015

FHWA Advanced Traffic Incident Management 2010

ADA Training January 2014

Accessible Pedestrian Signals February 2014

Complete Streets (Context Sensitive) 2017

Florida Department of Environmental Protection- Stormwater, Erosion and Sedimentation Control Inspector Program Trainer November 2020

Advanced Maintenance of Traffic- Refresher 2022

DRBF FDOT/ FTBA DRB Administration & Practice Workshop 2023

COMPUTER SKILLS

Word, Excel, Powerpoint, Primavera, Suretrak, and MS Project