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**JAMES V. MOULTON, P.E.**

Senior Project Engineer

 2 DOLPHIN BLVD SOUTH  
St. Petersburg, FL 33707  
(727) 381-1398  
[Moulton@pbworld.com](mailto:Moulton@pbworld.com)**Years of Experience**

40

**Education**

B.S., Civil Engineering, University of Florida, 1961

**Professional Registrations**

Florida, 1989 (0042009)

**CERTIFICATIONS**

- ◆ IMSA-Work Zone Safety Specialist Grade 1
- ◆ OSHA Construction Safety and Health Standards

**FDOT TRAINING**

- ◆ CPM Scheduling for Project Engineers
- ◆ Project Engineers School

**Key Qualifications**

Jim Moulton has extensive experience in providing Construction Engineering and Inspection (CEI) and construction management services on highway, bridge and marine construction and rehabilitation projects in Florida. Jim has served in a variety of positions, including Project Manager, Resident Engineer, Project Engineer, Project Administrator and, Superintendent on major bridge and highway projects in Florida. Jim spent several years in mid and senior-level positions with the Florida Department of Transportation, (FDOT), responsible for managing a number of high-visibility projects in Pinellas, Pasco, Hillsborough and Hernando counties. His background also includes experience with fabrication and erection of structural steel and miscellaneous metals for residential, commercial, and industrial use and water and sewer treatment plant operations and maintenance. He has in-depth knowledge of FDOT policies, procedures and standard specifications.

**Highways**

- State Route 429 (Western Expressway) Part A Project 600 and Part C Phase I, Goldenrod Road Extension and Interchange, and SR 417/Lee Vista Blvd. Toll Plazas, Orange County, Florida: Jim serves as the Construction Manager for the Orlando-Orange County Expressway Authority's (OOCEA) \$125 million new limited access toll facilities. SR 429 extends 4 miles southward from SR 50 in Ocoee to continue the Western Expressway connection with Florida's Turnpike and start Phase I of Part C. The Goldenrod Road projects provide new access to the Orlando International Airport and the SR 528 Beeline Expressway. The ramp toll plazas at Lee Vista Blvd. will provide new access to SR 417. Jim's responsibilities include the direction of Area Engineers and Resident Engineers monitoring six Construction Engineering & Inspection (CEI) consultants together with seven construction contracts, project and master schedule reviews, CEI contract administration coordination, QA/QC oversight and interface with the client and PB CMC project staff.
- State Road 429 (Western Expressway) Part A, Orange County, Florida: Jim served as an Area Engineer for the Orlando-Orange County Expressway Authority's (OOCEA) \$161 million new limited access toll facility. SR 429 Part A extends 10.6 miles northward from a connection with Florida's Turnpike at SR 50 in Ocoee to the US 441 interchange in Apopka. Jim's responsibilities included the direction of Resident Engineers monitoring three CEI consultants together with three construction contracts. Jim's duties included contract administration, survey control, construction inspection, materials sampling and testing; pre-construction conferences; plans and specifications review and interpretation; schedule reviews; utility relocation coordination, progress estimates and weekly progress meetings. Other duties included maintenance of traffic oversight; shop drawing management; permit compliance; claims

management; change order processing; public information coordination; as-built drawings, and close-out documentation.

- Interstate 4 Reconstruction, Segment One, Polk County, Florida: Jim served as Project Resident Engineer for this \$44 million, three-mile project, including construction of two interchanges and roadway widening from four to six lanes. The project was bid with an accelerated schedule so it could be completed at the same time as adjacent I4 widening segments and the Polk Parkway. Project components included maintenance of traffic operations, entrance/exit ramps, stormwater retention ponds, extensive utility relocation, concrete paving, frontage road realignment, drainage structures, bridge abutments, pavement markings and signage. The accelerated project requires construction work on a 12 hour/6 day schedule and complex coordination between CEI inspector shifts, utility agencies and adjacent construction contracts. Duties included supervision/scheduling of CEI staff, progress report preparation, utility relocation coordination, MOT monitoring interface with FDOT, contractor and county agency officials, field problem resolution, logistics coordination, monthly and final estimate preparation and change order and claims management.
- State Route 20 Apalachicola River Bridge, Blountstown, Florida: Jim served as Project Resident Engineer on this \$35 million project in the Florida Panhandle, which carries SR 20 over the Apalachicola River and an adjacent flood plain. The project has two components: construction of a new bridge, with a three-span 800-foot steel structure and bridge decks over the river and rehabilitation of an existing 60 year-old bridge. The bridge over the river is founded on 60 drilled shafts, ranging in diameter from five to nine feet, and 50 to 100 feet in length. The portion of the bridge through floodplain areas is founded on 30-inch piles and piers, with Florida Bulb Tee girders supporting cast-in-place decks. Duties included staff supervision and scheduling, liaison with FDOT and local agencies, maintenance of traffic operations monitoring, contractor schedule reviews, field problem resolution, contract administration, schedule reviews and updates, change order and submittal management, and construction sequence monitoring.
- Jim served as Constructability Reviewer for several projects including:
  - Western Expressway, Orange County, Florida:(SR 429-Western Beltway), Part A, Orange County, Florida
  - Nova Road and Dunlawton Avenue Projects, Volusia County, Florida
  - Fuller-Warren Bridge, Jacksonville, Florida

### **Previous Experience**

Prior to joining the firm, Jim spent several years with FDOT and with steel erection fabricators, a municipality and a marine general contractor, described below.

### **Bridges**

- FDOT Clearwater Construction Office, Clearwater, Florida: Jim served as Resident Engineer, responsible for office management and the supervision of and scheduling of up to 50 employees. Duties included contract administration, resolution of field problems, coordination with regulatory agencies, progress report preparation, construction oversight, public information management and pay request and schedule reviews for roadway and bridge construction projects, many under construction concurrently. Projects included:
  - ◆ Howard Frankland Bridge, Tampa, Florida
  - ◆ Dick Misener Bridge, St. Petersburg, Florida
  - ◆ Clearwater Pass Bridge, Clearwater, Florida
  - ◆ Bascule Bridge Rehabilitation Projects, Pinellas County, Florida

- ◆ U.S. Route 19 Widening/Reconstruction Projects, Pinellas, Pasco and Hernando Counties, Florida
- ◆ SR 580, Pinellas County, Florida

**Piers**

- Marine Construction Company, Tampa, Florida: Jim served in a variety of positions, including Project Engineer, Superintendent and Project Administrator for marine-related projects, including: the Tampa Shrimp Dock and Sunshine Skyway Bridge Load Test Program for FDOT. Duties included field construction supervision, subcontractor coordination, materials and equipment procurement, schedule and bid preparation, liaison with FDOT and federal agencies, progress report preparation, pay request estimates and project close-out activities.