

John L. Rowell, P.E.

Senior Project Engineer

Education: Bachelor of Science, Engineering Science, Florida State University, 1970
Bachelor of Science, Civil Engineering, University of Miami, 1976

CTQP ID Number: TIN #: R400472482970

Registration: Florida Registered Professional Engineer No. 22580 (Received 2/1978)

Certifications: ATSSA Traffic Control Supervisor (Advanced Level II)
CTQP QC Manager
Dispute Review Board Administration and Practice Workshop

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Years Experience: 37

Mr. Rowell has over 37 years of construction engineering and inspection, highway design, and engineering management experience. This includes serving for 23 years as a CEI Senior Project Engineer/Resident Engineer, and 6 years as a CEI Project Engineer on major highway construction projects with Florida Department of Transportation Districts I, V, VI and Florida's Turnpike. He has also represented the Miami Dade County Transit Authority, the Tri-County Commuter Rail Authority, Collier County Transportation Engineering and Construction Management Department, and The City of Naples in their past facilities expansion undertakings as a Construction Project Manager.

Relevant Experience:

■ Consul-Tech Construction Management, Inc.

2001 – Present: Vice-President / Senior Project Engineer

2007 – Present: Immokalee Road from I-75 to Collier Boulevard, and Santa Barbara Boulevard from Davis Boulevard to Copper Leaf Lane - Vice President/Senior Project Engineer/Project Manager on two Collier County road widening projects totaling \$85M construction cost. Both projects are four to six-lane roadway widenings with the Santa Barbara Boulevard project including two to four-lane roadway widening of a segment of Radio Road. The Santa Barbara Boulevard project also includes the widening of two bridges; Santa Barbara Boulevard over the Golden Gate Canal, and over I-75. Overall scope includes water and sewer utility relocations, storm drains, new road bed and asphalt paving, new traffic signals and roadway lighting, signing and markings.

2004 – 2007: Advanced Traffic Management System Phase 2 - Vice President/Senior Project Engineer/Project Manager - on an approximate 102 intersection traffic signal upgrade project for Collier County Traffic Operations, and The City of Naples. Also, Senior Project Engineer on the new FDOT District 1 Golden Gate Parkway/I-75 Interchange (\$28M construction cost). Structural steel beam erection, and post-tensioned pier caps.

2002 – 2004: US 41/SR90 Barefoot Williams Road Design/Build, Naples, FL - Senior Project Engineer/Director of CEI Services, Southwest Florida Region. Senior Project Engineer for Consul-Tech Design/Build CEI Team. Assigned as QC Manager for this FDOT District 1 QC 2000 project. Four-lane to six-lane 1.8 mile long roadway widening and resurfacing including new storm drainage, and traffic signals.

2003: Lakeland Avenue Bridge, Naples, FL - Senior Project Engineer. Part-time construction management of a new \$1.6M three span, four-lane bridge over the Cocohatchee Canal for Collier County Transportation Engineering and Construction Management Department. Concrete pile bents and poured-in-place deck.

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2001 – 2002: *Airport Road Six-Lane Widening, Collier County TECM Department, Naples, FL - Project Manager/ Director of CEI Services, Southwest Florida Region.* Responsible for construction project management of a \$7M six-lane widening of Airport-Pulling Road. Included new roadway lighting and traffic signals.

■ **Metric Engineering**

1997 – 2001: *HEFT Auxiliary Lanes from Quail Roost Drive to S.R. 874, FDOT Turnpike District, Miami-Dade County, FL - Senior Project Engineer.* In charge of construction administration of a \$12M project which widened a four-mile section of Florida's Turnpike in south Miami-Dade County northbound and southbound. The improvements included the widening of the mainline Turnpike, five interchange ramps, adding auxiliary lanes, and widening the twin Turnpike bridges (six bridges) over S.W. 168th Street, S.W. 152nd Street, and S.W. 117th Avenue. This project also included bridge joint repairs to six existing Turnpike bridges. Client: Mario Rojas, P.E., Project Manager (305) 827-2746 Ext 1569

■ **Bermello, Ajamil & Partners**

1996 – 1997: *Two Tri-County Commuter Rail Contracts, Miami International Airport, Miami-Dade County, FL - Consultant Project Manager.* Responsible for construction administration of two Tri-County Commuter Rail contracts building a new train station and track extension at the Miami International Airport, and the rehabilitation of a rolling lift bascule railroad bridge for CSX / Amtrak / Tri-Rail over the Miami River.

■ **Keith & Schnars**

1994 – 1996: *Four Concurrent Construction Contracts, FDOT District 5, Brevard County, FL - Consultant Resident Engineer.* Projects were handled concurrently and included a \$2.6M I-95 milling and resurfacing project in North Brevard County, a \$4.3M, 8.5-mile US 192 widening and resurfacing project in Melbourne, and a \$6M I-95 milling and resurfacing project in Central Brevard County. Additionally and at the same time he served as a Senior Project Engineer for the new Christa McAuliffe Bascule Bridge in Merritt Island. This was a four-leaf trunnion mechanical bascule bridge over the Barge Canal totaling \$11M. He was responsible for all construction administration, claims review, and construction supervision. Client: FDOT Contact Person: Dennis Kyle, P.E., Resident Engineer (321) 690-3230

1991 – 1994: *Northwest 27th Avenue Twin Bascule Bridges and Six-Lane Roadway Widening, Miami-Dade County, FL - Consultant Resident Engineer.* Responsible for construction administration of two new twin double leaf hydraulic bascule bridges along N.W. 27 Avenue over the Miami River for FDOT District 6 totaling \$18M construction cost. Project also concurrently included two miles of urban roadway widening of N.W. 27th Avenue from four lanes to six lanes. He was responsible for all construction supervision, project documentation, claims review and mitigation. He assisted in coordination with public entities, FDOT, the U.S. Coast Guard and other stakeholders.

■ **Post, Buckley, Schuh & Jernigan**

1990 – 1991: *All Dade County FDOT Construction Projects, Florida's Turnpike, Miami-Dade County, FL - Turnpike Area Construction Engineer.* As part of the General Consultant team responsibilities included overseeing all of the FDOT active construction projects on Florida's Turnpike in Miami-Dade County. Contact Person: Mario Rojas, P.E., Project Manager (305) 827-2746 Ext. 1569

1986 – 1990: *Consultant Resident Engineer - Sunny Isles Causeway Bascule Bridges and Flyover Bridge, Miami-Dade County, FL -* Responsible for construction administration of two new twin double leaf mechanical bascule bridges for FDOT District 6 over the Intracoastal Waterway. He was also concurrently Resident Engineer for a curved structural steel flyover bridge over Collins Avenue in Sunny Isles, FL. Projects also included extensive roadway reconstruction for a combined construction cost of \$34M.

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1984 – 1986: *Consultant Project Engineer / Consultant Resident Engineer - Miami Avenue Bascule Bridges/I-95 Bridge Widening from Flagler Street to N.E. 8th Street, Miami-Dade County, FL* - Performed all Resident Engineer functions on a \$12M twin double leaf hydraulic bascule bridge project over the Miami River on Miami Avenue in Downtown Miami, Florida for FDOT District 6 (Three separate construction contracts). Also served as Consultant Resident Engineer during the same time period on a \$6M, ½ mile long I-95 bridge widening project in the same locale.

1982 – 1984: *Construction Support Engineer - Metrorail, Dade County Rapid Transit Authority, Miami-Dade County, FL* - He was responsible for shop drawing review and pile driving installation inspection of rapid transit elevated rail foundations. He also provided construction inspection for the driving of pile foundations for the train station buildings. This project responsibility also included construction inspection of 6.3 miles of the Metrorail Hialeah Line Section concrete footings, columns, and post-tensioned cap substructures.

1979 – 1982: *CEI Project Engineer - Channel No. 2 and Channel No. 5 Bridges, FDOT District 6, Monroe County, FL* - Two Major CEI projects included the construction of the new Channel No. 2 Bridge (23 Spans) and approaches, and Channel No. 5 Bridge (one mile long high level segmental) and approaches as Project Engineer in the Florida Keys. The Channel No. 5 Bridge has post-tensioned superstructure segments, and post-tensioned substructure box pier segments.

■ **Consultant: Bristol, Childs, Crowder & Associates, The Smith, Korach, Hayet, Haynie Partnership, and Stotler, Stagg & Associates**

1976 – 1979: *Consultant Highway Design Engineer and Principal Designer - Highway Design Projects* - Prepared design plans for several major FDOT highway projects in Miami-Dade, Broward, Palm Beach, and Collier Counties.

■ **Florida Department of Transportation**

1971 – 1976: *Highway Design Engineer/Bridge Inspector/Construction Inspector – FDOT District 4* - As Bridge Inspector, evaluated major conventional and bascule bridges for physical and structural adequacy. Conducted in-depth inspections on numerous bascule bridges. Prepared detailed reports on bridge machinery, electrical conditions and overall functioning of the movable structures. Construction Inspector on several roadway and bridge construction projects. Worked in District Roadway Design Office as Engineer I, Highway Design Engineer.

Dispute Review Board Participation

- 2005 : DRB Chairman ; FDOT Turnpike Soundwall at the Golden Glades Interchange in Miami-Dade County
- 2007 - 2008 : DRB Member ; City of Bonita Springs, Old US 41 Road, Two-Lane to Four-Lane Widening