

3800 North 29<sup>th</sup> Avenue

Hollywood, FL 33020

(954) 922-6917

**MICHAEL C. BONE, P.E.**

**EDUCATION:** Bachelor of Science in Civil Engineering, The Citadel, 1969  
Master of Science in Civil Engineering, The University of Florida, 1970

**REGISTRATIONS & HONORS:** Florida Professional Engineer License No. 19383; Florida Licensed General Contractor; Past President, Engineering Contractors Association of South Florida; Past Director, Florida Transportation Builders Association; Holder of two U.S. Patents for integral pile and post structural system; Member, The Dispute Review Board Foundation; Member, The Florida Engineering Society; Member, American Society of Civil Engineers

**PROFESSIONAL EXPERIENCE:** Mike Bone has over 40 years experience in engineered heavy construction; working in the capacity of superintendent, layout engineer, project engineer, quality control engineer, project manager, estimator and design engineer. Mr. Bone has served as General Manager for the Structures Divisions of two major South Florida Contractors. He is an accomplished builder and designer in the areas of bridges, foundations, marinas, bulkheads, cofferdams and sound walls. He has served FDOT for the last 12 years as a consultant on constructability, claims and scheduling. Mike Bone is responsible for the design of a pile and post wall system adopted as a standard for sound walls by the Florida Department of Transportation. He has completed the FDOT Short Course on Load and Resistance Factor Design of Bridges.

**EXPERIENCE RECORD:** Jan/71-Sep/71 Design engineer with Howard, Needles, Tammen and Bergendorf in Alexandria, Virginia. Assisted with structural and geometric design of several bridges for the Virginia Department of Highways.

Sep/71-Jan/76 Chief Engineer for Atlantic Foundation Company, Inc. performing estimating, contract administration and the design of forms, falsework and cofferdams. Several projects completed during this period include:

N.W. 74th Street Connector, 2.5 miles of bridges and roadways  
Interchanges added to Palmetto Expressway at N.W. 122nd & 138th Streets.  
Haulover Beach Marina Renovation  
Bascule bridge crossing of Intracoastal Waterway at Hollywood, Fl.

Jan/76-Oct/88 Promoted to Vice President of Atlantic Foundation Company, serving as General Manager of the Heavy Construction Division. Several projects completed during this period include:

Widening of Palmetto Expressway  
Marinas at Fisher Island, Brickel Key & Grove Isle  
Cape Florida Bulkhead & Park Improvements  
Gantry Crane Foundation, Port Everglades  
Six Bridges in the Florida Key (Including redesign of Spanish Harbor Bridge from drilled shafts to piling)  
Two Deepwater Bulkheads at Port Everglades  
Design and Construction of main pier cofferdams for 192nd St. Causeway  
Rickenbacker Causeway Bay Bridge (3,600 lf, 80 ft clearance)  
Bayfront Park Improvements  
I-95 Bridge over the St Lucie Canal and adjacent interchange

Oct/88-Nov/96 Vice President and General Manager for Structures at State Contracting & Engineering Corporation, Fort Lauderdale. Several projects completed during this period include:

Replacement of Florida Turnpike Bridge over US 441  
Design and Construction of post and panel sound wall system for the I-95 Corridor.  
Design and Construction for widening of vehicular tunnel under Runway 12/30, Miami International Airport.  
Fabrication and erection of precast sound barrier panels on elevated Metrorail Guideway.  
Railroad Bridges over Pompano and C-13 Canals in Broward County  
VECP redesign and construction of sound barrier on I-195, Dade County

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Nov/96-Present President and Principal Engineer for Construction Engineering Consultants, Corp.

- Constructability/Scheduling/Claims/Cost consultant contract with FDOT District Six Construction since 1998  
District Project Manager, Mikhail Dubrovsky, P.E. (305) 499-2354
- Constructability/Scheduling/Claims/Cost consultant contract with FDOT District Four Construction since 2001  
District Project Manager, Jeanette Harris, P.E. (954) 777-4184
- Constructability/Scheduling/Claims/Cost consultant contract with Tampa-Hillsborough Xway Authority since 2000  
Project Manager, Ben Muns, P.E. (813) 272-5987
- Constructability/Scheduling/Claims/Cost consultant contract with Dade Transportation Consultants (MDX)  
Project Manager, Tom Muzicka, P.E. (305)514-3410
  
- Contractor Specialty Engineering and Design
  - Cofferdam design for Boynton Beach Blvd Bascule
  - Design of tension pile and seal dewatering scheme at MIA Tunnel for OFL
  - Fuel dock replacement, FPL's Turkey Point Plant
  - Shoring design SW Florida Regional Airport upper drive for PCL
  - Design of 300' x 900' cofferdam for Downtown Dadeland Project
  - Design of temporary supports for two integral diaphragm bridges – (MDX) SR 836 at H.E.F.T.
  - Design of temporary critical walls for Turnpike over Atlantic Blvd. – Condotte America
  - Design of temporary supports for excavations and cap forms – SR-874 Kendall Drive Condotte (MDX)
  - Design of temporary supports for excavation – Metrorail Orange Line

Several constructability review and scheduling projects completed during this period include:

Sunny Isles Blvd Bascule Rehabilitation  
I-95 ITS Interim Operations Center  
NE 79th Street Bascule Rehabilitation  
I-95 Widening and Pavement Repairs  
Biscayne Blvd/NE 203 Street Interchange  
NW 79th Ave over the Miami Canal  
I-95/Okeechobee Rd. Interchange in Palm Beach  
Okeechobee Road Depressed Roadway & Improvements  
Collins Avenue Reconstruction  
SW 2nd Avenue Bascule Bridge  
Royal Park Bascule Bridge Replacement  
I-95 Sound Walls, Miami-Dade County  
Turnpike Thomas B. Manual Deck Replacement  
Turnpike Mainline, Griffin to Sunrise  
Turnpike Mainline, Sunrise to Atlantic  
NW 12th Avenue Bascule Bridge  
NW 5<sup>th</sup> Avenue Bascule Bridge  
Port of Miami Tunnel  
MIC Car Rental Center  
SR 826/836 Interchange  
Seven Mile Bridge Repairs  
I-95 Managed Lanes through SR 112 Interchange  
I-595 Corridor Improvements  
SR 826 / SR 836 Interchange  
Brickell Avenue (US-1) Drainage Improvements