

# **SHELDON GIBBS, P.E.**

**Senior Project Engineer | Principal Engineer**

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Mr. Gibbs is a graduate of Florida A&M University with a B.S. in Civil Engineering. Throughout his career, Mr. Gibbs has gained over 25 years of experience encompassing structural design, property condition assessments, construction inspections and construction materials testing. He also has extensive knowledge of the Florida Building Code, various American Society for Testing and Materials (ASTM) standards and LEED Sustainability guidelines and specifications. By combining his experience in design, construction, and inspections, of concrete, steel, wood and masonry systems, with field experience performing inspections and material testing services, Mr. Gibbs is proficient in the identification and evaluation of construction defects and a variety of forensic engineering investigations, including damage from hurricanes, fires, foundation settlement and construction vibration. He is experienced with depositions as an expert witness in construction related claims and has also investigated the cause and origin of structural failures, water damage, roof damage, and damage to wood, stone and ceramic tile floor systems.

## **EDUCATION**

B.S. Civil Engineering, Florida A&M University 1997

FHWA-NHI-130055: Safety Inspection of In-Service Bridges 2011

## **CERTIFICATIONS**

CTQP Quality Control Manager

CTQP Final Estimates I & II

FEMA Intro Incident Command System

FDOT Advanced Temporary Traffic Control

Florida Stormwater Erosion and Sediment Control Inspector

## **LICENSES**

Professional Engineer, Florida #65745 (active)

Professional Engineer, Michigan #6201070670 (active)

NCEES Record – #18-475-98 (active)

LEED AP Building Design & Construction (expired)

## **PROFESSIONAL AFFILIATIONS**

Florida Engineering Society 2007 - Present (*Chairman, FES Vertical Support Subcommittee*)

US Green Building Council 2010 - 2012 (*Member*)

Northeast Florida Green Chamber of Commerce 2010-2012 (*Member*)

The Reserve at James Island Condo Association – 2010 – 2022 (*Director, VP, President*)

## **SUMMARY OF EXPERIENCE**

### **Civil/Structural Design and Inspection, Contractor Quality Control, Worksite Traffic Control and Construction Engineering**

*President – The Gibbs Group, Inc.*

*(2007 - Present)*

As the firm's Principal and Senior Project Engineer, Mr. Gibbs is responsible for performing civil and structural designs and inspections, conducting forensic investigations, creating worksite traffic control plans, and providing final as-built certifications for various types of construction projects. Additionally, as the firm's Quality Control Manager, he is responsible for certifying all sampling, testing and installation of construction materials is performed according to plans and specifications.

### **Civil/Structural Forensics Engineering Consultant**

Responsible for performing engineering investigations involving structural forensic assessments of residential and commercial properties. Typical project duties include field investigations, data evaluation and report writing. Mr. Gibbs has performed numerous assessments of properties involving a form of structural damage caused by, but not limited to, tropical storms, hurricanes, flood, fire, wind, ground settlement or moisture intrusion as well as rendering opinions and giving testimony in judicial proceedings.

- BE Structural (2013 - Present)
- DDA Forensics (2022 – Present)
- Keystone Experts and Engineers, LLC (2018 - 2020)
- Omega Forensics Engineering (2015 - 2020)

### **Construction Material Testing**

*Engineering Manager* (FDOT and Special Projects) - Ellis & Associates, Inc. (2005 – 2007)

Responsible for reviewing and/or signing and sealing reports of sampling, testing and site observations of soils, aggregates, concrete, and asphalt for various commercial, residential and industrial projects. Additional responsibilities included: making foundation and substrate recommendations based on the aforementioned test data, development of cost proposals and budgets and development and maintenance of contractor quality control plans. Project costs ranged from \$1.5M to upwards of \$80M.

### **Construction Engineering**

*Project Engineer* - RDBG Consulting, LLC (2003 – 2004)

Responsible for ensuring all construction activities were performed in accordance with plans and specifications, on time, within budget constraints, causing minimal inconvenience to the public and no impacts to the surround environment. Construction costs ranged from \$3M to \$200M.

### **Structural Design and Inspection**

*Structural Engineer* - Lichtenstein Consulting Engineers (2001 – 2003)

Responsible for scheduling and performing full inspections on various types of structures to include bridges, toll plaza facilities, retaining walls, and other miscellaneous roadway, bridge and building structures. Upon completion of the inspection, analyses were performed on the structures to determine necessary repairs and make recommendations to ensure public safety. Construction/Inspection costs ranged from \$500K to \$2B.

### **Structural Design and Inspection**

*Structural Engineer* - Jacobs Engineering Group, Inc. (1995 – 2001)

Responsible for design calculations, CAD drawings and quantity computations for various structural and non-structural components of bridges, buildings, and other miscellaneous structures. Construction costs ranged from \$10M to \$170M.

### **TRIAL & DEPOSITION TESTIMONY**

#### **Air Quality Assessors of Florida A/A/O Monique Ketron vs. Heritage Property & Casualty Insurance Company**

Single Family Residence Water-related damage

Susan Payne (for Defendant)

The Rock Law Group, P.A. Maitland, Florida

Deposition Testimony November 14, 2016

Trail Testimony November 15, 2016

7th Judicial Circuit Court in and for St. Johns County, Florida

Case No.: 2016SC000218

Investigation, Preparation for Deposition and Trial.

Judgment for defendant

**Gary Silverfield, an individual and Laine Silverfield, an individual vs. Weathersfield Manufacturing, Inc., A Wisconsin Corp.**

Single Family Residence Window manufacturing flaws

Robert Aguilar, Esq. (for Plaintiffs)

Robert Aguilar, Esq., Orange Park, Florida

Deposition Testimony February 25, 2009

7<sup>th</sup> Judicial Circuit Court in and for St. Johns County, Florida

Case No.: CA06-0940

Investigation and Preparation for Deposition

Did not go to trial

**MUNICIPAL PROJECT EXPERIENCE**

**445576-1 SR 104 (Dunn Ave.) from N Campus Blvd. to Monaco Dr., FDOT District 2, Duval County, FL**

*Senior Project Engineer/Project Administrator* providing services as the owner's representative responsible for documenting, monitoring, and inspecting all contractor activities. Also, responsible for developing cost estimates, reviewing inspector quantities, addressing contractor concerns, approving baseline as well as updated CPM schedules, conducting monthly progress meetings, etc. The improvements under this contract consisted of lighting and other incidental construction on SR 104 from North Campus Boulevard to Monaco Drive in Duval County. This Contract was funded by the American Rescue Plan Act (ARPA). Dates: 03/2023 to 04/2023; Construction Amount: \$240,109.77; Reference: Ben Smith (904) 497-2471.

**209543-5 SR 212 (Beach Blvd.) at Eunice Road Safety Improvements, FDOT District 2, Duval County, FL**

*Senior Project Engineer/Project Administrator* providing services as the owner's representative responsible for documenting, monitoring, and inspecting all contractor activities. Also, responsible for developing cost estimates, reviewing inspector quantities, addressing contractor concerns, approving baseline as well as updated CPM schedules, conducting monthly progress meetings, etc. The objective of the safety project is to reduce angle and left-turn collisions at the Eunice Road intersection by restricting northbound and southbound vehicles on Eunice Road from traveling straight or making a left turn. Dates: 09/2022 to 02/2023; Construction Amount: \$745,000.00; Reference: Max Milovidov (904) 360-5546.

**428712-2 SR 207 at Cracker Swamp Road, FDOT District 2, Putnam County, Florida**

*Project Administrator* providing services as the owner's representative responsible for documenting, monitoring, and inspecting all contractor activities. Also, responsible for developing cost estimates, reviewing inspector quantities, addressing contractor concerns, approving baseline as well as updated CPM schedules, conducting monthly progress meetings, etc. The improvements under this contract consisted of milling and resurfacing, drainage improvements, highway signing, and other incidental work on SR 207 in Putnam County at the intersection with Cracker Swamp Road. This Contract was funded by the American Rescue Plan Act (ARPA). Dates: 09/2022 to 01/2023; Construction Amount: \$436,000.00; Reference: Ben Smith (904) 497-2471.

**Jaguars Sports Performance Center, City of Jacksonville, Jacksonville, Florida**

*Specialty Inspector* providing threshold inspection services of reinforcing steel and concrete foundations, walls, and other structural members for this 127,087 SQFT Sports Performance Center for the Jacksonville Jaguars. Dates: 03/2022 to 10/2023; Construction Amount: \$120,000,000.00; Reference: William Vaughn, P.E., S.I., ESC Florida Director of Construction Services (904) 886-5017.

**University Boulevard/Merrill Road Roundabout, Jacksonville Transportation Authority, Duval County, Florida**

*Project Administrator* providing services as the owner's representative responsible for documenting, monitoring, and inspecting all contractor activities. Also, responsible for developing cost estimates, reviewing inspector quantities, addressing contractor concerns, approving baseline as well as updated CPM schedules, conducting monthly progress meetings, etc. for this \$4M project. This project will remove the existing signals at the University Boulevard and Merrill Road intersection and add a roundabout, pedestrian crossings, sidewalks, and a shared-use path. Dates: 10/2020 to 10/2021; Construction Amount: \$4,000,000.00; Reference: Jonathan Page, P.E., JTA Project Manager (904) 630-3135.

**St. Johns Ferry Fender, Bulkhead Wall, and Bridge Rehabilitation Design-Build Projects (Phase I, II & III), Jacksonville Transportation Authority Duval County, Florida**

*Senior Project Engineer* responsible for monitoring all construction and financial activities for the associated project(s); maintaining client relationships with the owner, Mayport Community, and the friends of the ferry (local community organization); while maintaining focus on quality and overall project completion. The project included the rehab of the existing ferry fender systems on both terminals of the St. Johns River Ferry at Mayport Landing and Ft. George Landing, partial demolition of existing steel and timber piles, the installation of fiber reinforced piles, fiberglass reinforced wales, navigation and lights at both landings, removal of existing terminal bridges and installation of stopping mechanisms. Dates: 12/2015 to 09/2016-Phase I; 09/2016 to 06/2017-Phase II; 08/2017 to 01/2019-Phase III; Construction Amount: \$7,800,000.00; Reference: Wilbur Wright, former JTA Project Manager (229) 869-3244.

**Old St. Augustine Road/Greenland Road Improvements, Jacksonville Transportation Authority, Duval County, Florida**

*Senior Project Engineer* responsible for overall project completion within budget and time constraints. The project included the construction of a single lane urban section slip-lane (extending northbound to eastbound) from Old St. Augustine Road to Greenland Road with curb and gutter, closed drainage system, sidewalk, guiderail, utility relocations, landscaping, sidewalk, and lighting. Dates: 10/2015 to 03/2016; Construction Amount: \$400,000.00; Reference: Andy Rodgers, P.E., former JTA Program Administrator (904) 239-7697.

**Golden Isles Airport Runway 7/25, Taxiway A & Associated Connectors Pavement Rehab, Glynn County Airport, Brunswick, Georgia**

*Construction Project Engineer* (Consultant for CCI Engineering Services) responsible for documenting & inspecting construction activities to complete 8,000lf runway and associated taxiways which consisted of earthworks, concrete, asphalt, pavement markings, lighting, and landscaping. Dates: 02/2014 to 05/2014; Construction Amount: \$15,000,000.00; Reference: John DelGuidice, (904) 813-0503.

**Alta Drive/New Berlin Road Resurfacing Design-Build Project, Jacksonville Transportation Authority, Duval County, Florida**

*Senior Project Engineer* responsible for ensuring all construction activities were completed within accepted tolerances, on time, within budget constraints, causing minimal inconvenience to the public and the surround environment. The project involved upgrading of Alta Drive /New Berlin Road to safely accommodate the anticipated traffic expected to occur as a result of the operation of the two new JAXPORT terminals and new surrounding businesses. Project was administered under Local Agency Project (LAP) and American Recovery and Reinvestment Act of 2009 (ARRA) guidelines. Dates: 11/2009 to 12/2010; Construction Amount: \$3,000,000.00; Reference: Shane Rixom, P.E., LEED AP (276) 791-2494.

**JAXPORT Mitsui OSK Lines (MOL) Container Terminal Facility, Jacksonville Port Authority, Duval County, Florida**

*Project Engineer* providing services as the owner's representative responsible for providing construction oversight for site/civil development of the 158-acre development at the JaxPort Dames Pointe Container Terminal. Work included placement of roller compacted concrete paving, sewer and storm drain, underground utilities, dredging, steel bulkhead and various earthwork activities. Dates: 11/2007 to 12/2008; Construction Amount: \$200,000,000.00; Reference: Yetunde Oyewole (904) 625-5842.

**Wonderwood Connector Phase 3, Jacksonville Transportation Authority, Duval County, Florida**

*Quality Assurance - Construction Materials Testing Manager* responsible for providing Quality Assurance Services including testing and reporting of earthworks, asphalt, concrete, and aggregate. Project reconstructed over 3 miles of urban roadway and included the replacement of 2 bridges, installation of over 25,000 lf of storm drains, and over 30,000 lf of utility force mains. Dates: 07/2006 to 03/2009; Construction Amount: \$38,800,000.00; Reference: Shane Rixom, P.E., LEED AP (276) 791-2494.

**Airport Center Drive, Jacksonville Transportation Authority, Duval County, Florida**

*Quality Assurance - Construction Materials Testing Manager* responsible for providing Quality Assurance Services including testing and reporting of earthworks, asphalt, concrete, and aggregate. Project called for the construction of a new 1.6 mile, four-lane roadway. The roadway extends Airport Center Drive from Main Street (US 17) to New Berlin Road. Dates: 07/2008 to 09/2009; Construction Amount: \$13,400,000.00; Reference: Shane Rixom, P.E., LEED AP (276) 791-2494.

**A.C. Skinner Parkway Extension Project, Jacksonville Transportation Authority, Duval County, Florida**

*Project Administrator* providing services as the owner's representative responsible for documenting, monitoring, and inspecting all contractor activities. Also, responsible for developing cost estimates, reviewing inspector quantities, addressing contractor concerns, recommending minor field modifications, approving baseline as well as updated CPM schedules, conducting monthly progress meetings, etc. Dates: 09/2004 to 11/2006; Construction Amount: \$14,500,000.00; Reference: Shane Rixom, P.E., LEED AP (276) 791-2494.

**Heckscher Drive (SR 105) Widening Project, Jacksonville Transportation Authority, Duval County, Florida**

*Project Administrator* providing services as the owner's representative responsible for documenting, monitoring, and inspecting all contractor activities. Also, responsible for developing cost estimates, reviewing inspector quantities, addressing contractor concerns, recommending minor field modifications, approving baseline as well as updated CPM schedules, conducting monthly progress meetings, etc. to ensure that all phases of construction were done in accordance with FDOT specifications. Dates: 01/2004 to 12/2004; Construction Amount: \$4,100,000.00; Reference: Shane Rixom, P.E., LEED AP (276) 791-2494.

REFERENCES

Available upon request