

eRFP #20230030

# CEI & GEO Services for Anthony F. Sansone Sr. Boulevard Extension

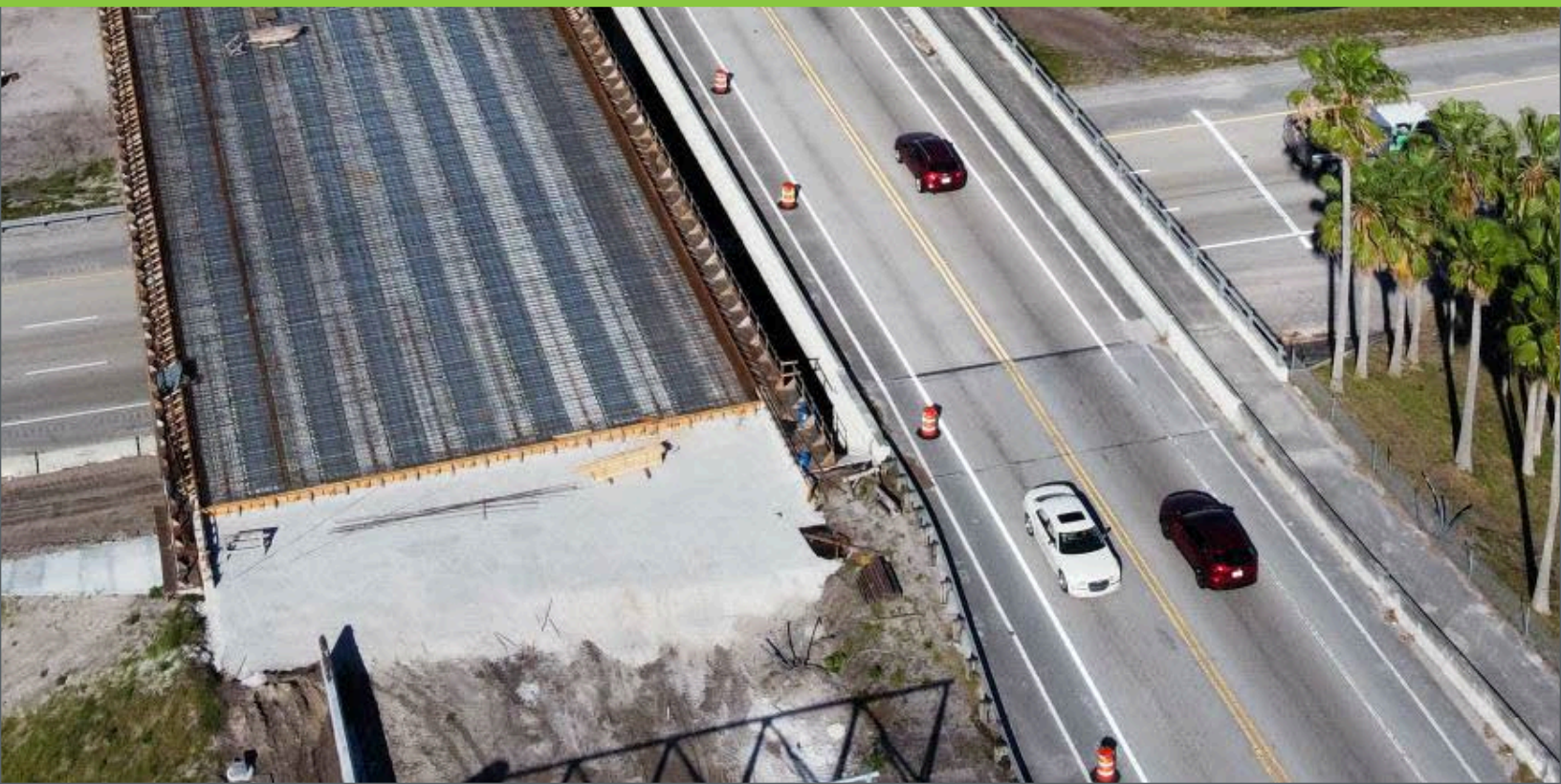


**Submitted to:** City of Port St. Lucie  
**Submitted by:** Johnson, Mirmiran & Thompson, Inc.  
**Contact:** Steven Haines, PE, LEED AP  
**Address:** 3731 Oleander Avenue, Fort Pierce, FL 34982  
**Phone:** (772) 370-7865  
**Date:** April 20, 2023



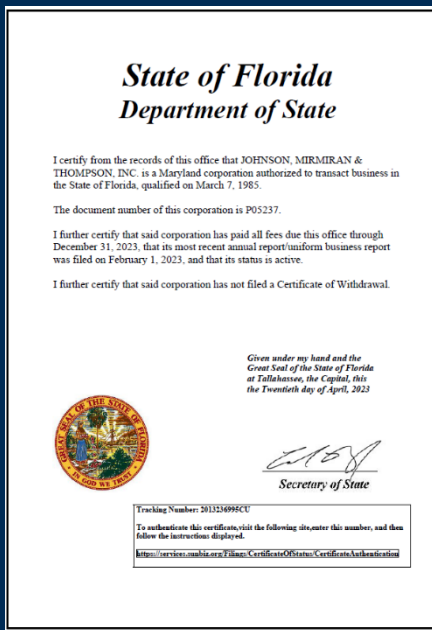


# 1 | Firms Qualifications





In response to the City of Port St. Lucie, **Johnson Mirmiran & Thompson (JMT)** has assembled an experienced team to provide **Construction, Engineering & Inspection (CEI) and Geotechnical Services** for the **Anthony F. Sansone Sr. Boulevard Extension** project. *Johnson, Mirmiran & Thompson, Inc. (JMT) maintains the necessary licenses/certifications required to perform the services requested in this RFP.*



Corporation Document #P05237



Florida License #5917

**2,035+** Employee Owners **93** Florida Staff

**63** Licensed Florida PE's **42** Florida CEI Staff

## Tab 1 | Firm Qualifications

**FIRM HISTORY** | JMT is a **national full-service, multi-disciplined engineering firm** headquartered in Hunt Valley, MD, with 49 office locations nationwide, including four offices and two CEI field offices in Florida. **Established in 1971, JMT's 2,035+ professionals** work with federal, state, and local agencies providing professional construction engineering and inspection (CEI), engineering design, environmental, planning, architecture, and GIS/information technology services – all dedicated to the highest quality project performance. In 2011, JMT became a **100% employee-owned company**. As part of an ESOP, our employee-owners have a vested interest in the success of our projects.

**Ranked #15 by ENR on the Top 50 Transportation Firms list**, JMT is widely recognized for its expertise in Construction Administration and Management, CEI Services, and Oversight. JMT consistently performs as a dependable and trusted extension of our clients and is ready to go the extra mile to protect the City of Port St. Lucie's interests and the commitments made to the local taxpayers and the Florida Department of Economic Opportunity.

Our portfolio of services and the diversified qualifications of our staff allow us to provide our clients with a structured staffing plan for responsiveness, performance, efficiency, and flexibility. This ensures that all our projects are successfully completed within the established budget and schedule goals. As a result of our diligence in ensuring the successful completion of all our projects, JMT has been recognized through various industry awards in Florida and client commendations, including FTBA "Best in Construction" Awards, as well as publications in Roads & Bridges magazine.

Our firm takes pride in delivering high-quality projects to its clients and the public. As the choice for Florida engineering projects, **JMT has completed more than \$1B in infrastructure improvement projects, including** environmental sites, roadways, bridges, buildings, traffic operations, transportation facilities, beaches, and intelligent transportation systems. Below is a summary of the annual volume of work JMT has performed over the past five (5) years:

Annual Volume of Work by Year 2018-2022					
	2018	2019	2020	2021	2022
<b>Company-Wide</b>	288,501,027	304,275,851	318,435,194	283,670,957	362,518,842

Our sub-consultant, Andersen Andre Consulting Engineers, Inc. (AACE), will provide Geotechnical Services on this contract. Headquartered in Port St. Lucie, AACE has been providing engineering and consulting services throughout Florida with a primary focus on local projects on the Treasure Coast of Florida (St. Lucie, Martin, and Indian River Counties), Palm Beach County, Okeechobee County, and Highlands County. Cofounders Peter G. Andersen, P.E. and David P. Andre, P.E. have nearly 60 years of combined experience providing geotechnical engineering, construction materials testing and environmental consulting.

## Tab 1 | Firm Qualifications

**EXPERIENCE** | Our Florida staff provides CEI, civil engineering, environmental consulting, and surveying to a wide variety of municipal clients, including the Florida Department of Transportation, cities, counties, school boards, and water management districts. We bring a track record of successful engineering projects throughout Florida. With this emphasis on serving local governments and our experience, we understand cities' and counties' issues and concerns. Our team has experience in all the required disciplines/scope of services and can meet any need that may arise. JMT has been performing similar services for local City and county governments within the State of Florida since 1997, serving as the prime consultant for the following municipal clients:

- City of Boca Raton
- City of Doral
- City of Gainesville
- City of Hollywood
- City of Largo
- City of Maitland
- City of Miami
- City of Miramar
- City of Oakland Park
- City of Pahokee
- City of Parkland
- City of Port St. Lucie
- City of Sebastian
- City of St. Augustine
- City of St. Petersburg
- City of Tampa
- City of West Palm Beach
- City of Winter Springs
- Broward County
- Flagler County
- Highlands County
- Hillsborough County
- Indian River County
- Lake County
- Lee County
- Marion County
- Miami-Dade County
- Orange County
- Palm Beach County
- Pinellas County
- Pinellas County School Board
- Putnam County
- St. Lucie County

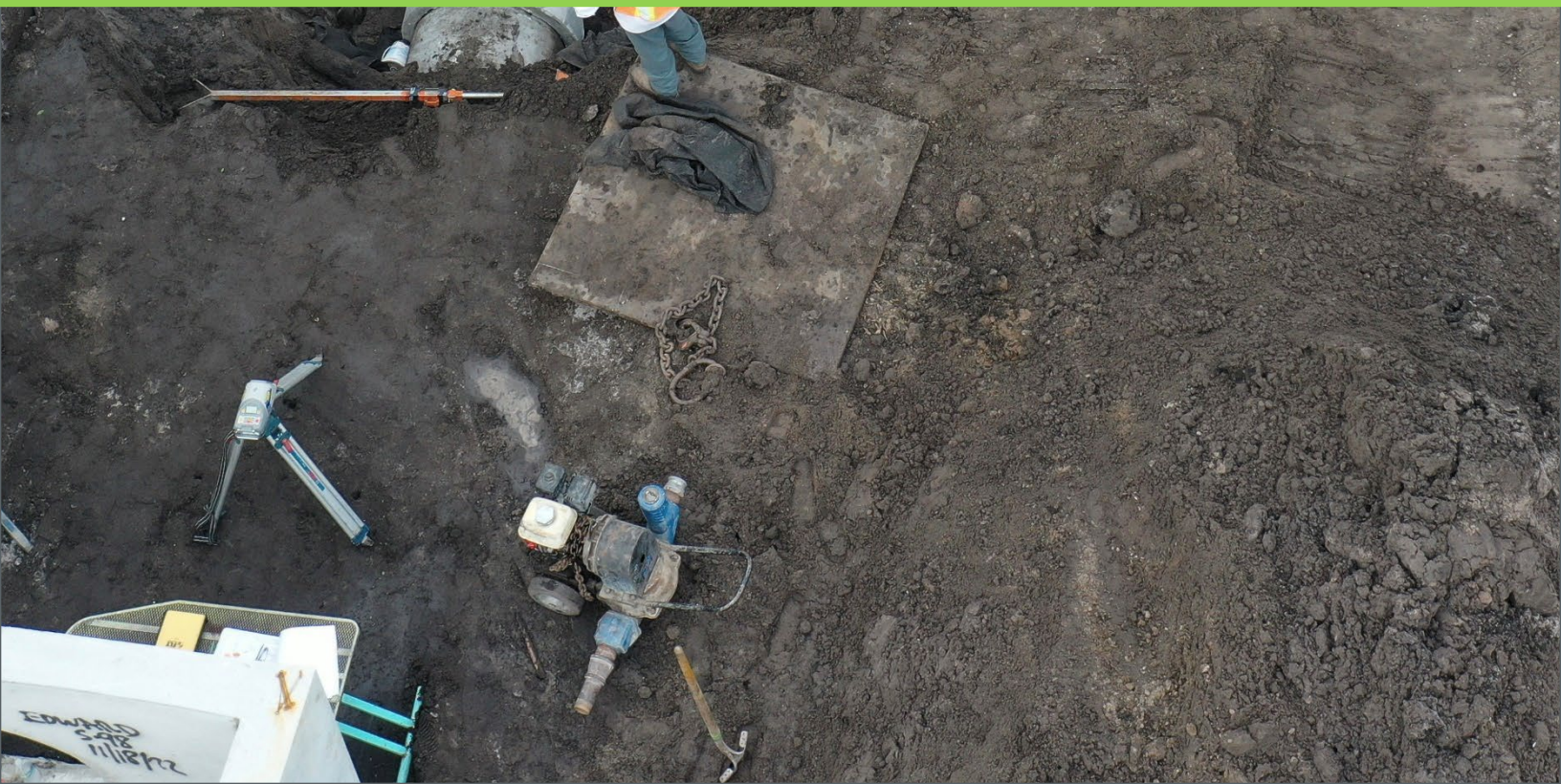
**SIMILAR PROJECTS** | JMT is well known by municipal clients throughout Florida for its strong CEI presence. The table below shows five (5) projects completed within the past five (5) years, ranging from small sidewalk construction projects to major earthwork/water quality projects to full-blown roadway reconstruction projects, all similar in the complexity and/or scope of this project with similar project components. Refer to form SF330 in Tab 5 for further information on the projects listed below.

JMT Similar Experience completed within the past 5 years						
PROJECT	Client	Contact	Phone	Email	Dates	Prime/Sub
<b>Midway Rd. Reconstruction</b>	FDOT D4	Marla Hewson	772.349.6728	Marla.hewson@dot.state.fl.us	2016-2022	JMT (Prime)
<b>McCarty Ranch Water Quality Projects</b>	City of Port St. Lucie	Carlos Camacho, PE	772.873.6419	ccamacho@cityofpsl.com	2019-2023	JMT (Prime) AACE (Sub)
<b>Floresta Dr. Phase I</b>	City of Port St. Lucie	Frank Knott	772.344.4290	fknott@cityofpsl.com	2020-2022	JMT and AACE (Subs to C&T)
<b>Jensen Beach Blvd.</b>	FDOT D4	Mark Freeman	772.429.4904	Mark.freeman@dot.state.fl.us	2019	JMT (Prime)
<b>SW Import Drive Sidewalk</b>	City of Port St. Lucie	Frank Knott	772.344.4290	fknott@cityofpsl.com	2022	JMT (Prime) AACE (Sub)
AACE Similar Experience completed within the past 5 years						
<b>Southport 24" Force Main</b>	City of Port St. Lucie	Laney Southerly, PE	772.873.6442	lsoutherly@cityofpsl.com	2018-2020	AACE (Sub)
<b>Edwards Road Forensic Exp.</b>	St. Lucie County	Michael Harvey, EI	772.462.1717	harvey@m@stlucieco.org	2019-2020	JMT (Sub to C&T) AACE (Prime)





## 2 | Personnel & Experience and Knowledge



## Tab 2 | Personnel & Experience and Knowledge

**PROPOSED PROJECT STAFF** | The JMT Team was strategically assembled for this assignment based on the staff's strong history of work similar in scope and the location of critical Team members to the project site. This becomes highly beneficial to the Team and the City when issues arise during non-work hours, such as severe weather/flooding concerns, or other unforeseen project-related issues.

JMT's Management Team will be led by **Steven E. Haines, PE, LEED AP** (Senior Project Engineer/Project Manager), and **Wesley "Wes" Kraft, EI** (Deputy Project Manager). Both Steven and Wes have extensive experience in the CEI industry, particularly with FDOT and the City of Port St. Lucie, as well as other local municipalities. Both began their careers here on the Treasure Coast in CEI and have continued to work on projects to benefit the local communities. They have experience working in the field, which is a critical component of their management styles. They also have experience working together on projects and have an excellent understanding of each other's role in the projects they serve. Steven and Wes understand the work and inherent field challenges of roadway construction projects and, ultimately, how to communicate concerns, requirements, and directives to their field staff, contractors, and clients, while also coordinating support services and public outreach to keep projects progressing. Both Steven and Wes have numerous past successes on CEI projects throughout Southern Florida. They are adept at interpreting contract documents, guiding project teams, performing sound Engineering analysis, and communicating within the CEI and Contracting industries. Their extensive CEI experience make this duo the perfect combination to guide the JMT Team by acting as an extension of the City of Port St. Lucie staff. They understand the importance of the end-users as well as the future maintenance aspects. Steven and Wes will involve City staff from all facets and are committed to guiding the JMT Team on all project assignments and ensuring the project is administered successfully for the City of Port St. Lucie.

**Field Inspection: Keith Kummer** will also serve as the Sr. Inspector for this project. He is currently serving in the same role on JMT's St. Lucie West Blvd. at SR-9/I-95 from Champions Way to Peacock Blvd, for St. Lucie County. Keith is highly qualified and experienced in field inspection and contractor management. He also recently worked on the Kings Highway Reconstruction project in Fort Pierce where he encountered challenging soil conditions; similar to what we expect for this project. He will be supported by our Junior Inspectors **Tearle Hitchcox and James Bower**, as well as manage our Geotechnical subconsultant and coordinate efforts for Survey support, which is being done in-house, to ensure they have the resources and information they need to perform their duties on the project. We have strategically planned staffing resources to meet project demands, including delayed starts/early release for inspection staff; however, we maintain flexibility to bring staff on board as needed and use our local resources as necessary. We have also integrated staff with cross-trained experience for any activity that serves us well if someone is out due to illness, training, etc. We have an internal training program that ensures our staff maintains their certifications and gets the latest and greatest industry changes brought to them before they're exposed in the field.

**Quality Assurance Review Team (QART): Lee Watts, PE**, our **QA/QC Lead**, was hand-selected based on over 38 years of CEI experience on various projects throughout Florida. These projects consisted of diverse scopes, including safety improvements, limited access facilities,



## Tab 2 | Personnel & Experience and Knowledge

milling & resurfacing (M&R), and major bridge improvements, etc. Lee is currently working on the \$15.5M St. Lucie West Blvd. at SR 9/I-095 from Champions Way to Peacock Blvd, in St. Lucie County and is wrapping-up efforts on the \$83M Turnpike Direct Connect Ramps to/from I-4 (SR-400) and Turnpike Mainline (SR-91) & Implementation of Express Lanes on Turnpike Mainline (SR-91) from the Beachline (SR-528) to I-4 (SR-400) (Design-Build) in Orange County, FL. Prior to these projects, Lee worked on the \$55M I-95 SR-60/Osceola Blvd. to the Brevard CL project for FDOT District 4. This design-build project entailed widening 12.5 miles of I-95 from 4 to 6 lanes from north of the SR-60 interchange to the Indian River/Brevard County line and replacing bridges over CR-512. Lee's unique expertise includes conventional and design-build contract administration, claim analysis and resolutions, Critical Path Method (CPM) scheduling, project constructability issues, specialized maintenance of traffic alignments, and DRB proceedings. Lee will be supported by **Luke Brolmann, PE**, who has extensive experience in the industry and has delivered numerous projects for a variety of clients, including local municipalities and countless FDOT assignments. Luke also recently completed the Alcantarra Blvd. Sidewalk project directly for the City of Port St. Lucie so his understanding of how the City operates and the stakeholders involved is an added bonus to the QART. Luke also has first-hand experience managing projects with unique funding mechanisms, including Sales Tax Referendum, Grant, LAP, Federal, etc. which is important for this particular project.

**Survey: JMT's In-House Survey, led by David Stickle, PSM, and Ed Stepaniak**, will support this project for data processing. We intend to use our field staff for horizontal and vertical data collection of the potential lake excavation and stockpile storage through the use of a Total Station. Our office staff will analyze the data with Multiline to calculate and verify quantities for recommending contractor payment and as-built purposes. Collectively, our local survey Team has well over 60 years of experience. JMT's **Richard Dovey** will provide **Drone Technology** to help document field conditions and project progress. The project photos will be critical for ensuring timely grant funding reimbursement. We also have additional local resources shown in our Organization Chart that can be provided to the City on an as-needed basis, or we can tap into our Corporate resources as required. Our Firm's depth of resources is a valuable commodity should the City elect to include additional scope into the CEI contract.

**Geotechnical: Andersen Andre Consulting Engineers, Inc. (AACE)** will provide Geotechnical Services on this contract. Cofounders **Peter G. Andersen, P.E., and David P. Andre, P.E.** have nearly **60 years of combined experience** providing geotechnical engineering, construction materials testing, and environmental consulting, primarily throughout Florida and in the Caribbean. AACE has provided Geo-Testing services to the City of Port St. Lucie since 2000. This +20-year relationship and the depth-and-breadth of local knowledge with the City will continue to benefit the City of Port St. Lucie. They are intimately aware of the City's expectations, requirements, and administrative procedures. Therefore, there will be no need on the City's behalf to bring our firm "up to speed" with regard to these matters, thus allowing for greater efficiency for City personnel. In fact, Steven teamed up with AACE in 2007 to construct the entire Village Parkway corridor, where this project will tie into. Their combined knowledge and experience in this area of the City is a key attribute to the successful delivery of this project.

**PROJECT COMMITMENT** | Our Team is 100% committed to the City of Port St. Lucie, and we understand the importance of completing this major roadway construction project. It will benefit the community by creating jobs and increasing the businesses within the manufacturing corridor known as Legacy Distribution Park within the Tradition Commerce Park/Community Development District (CDD). Additional project information is covered in our Approach & Methodology section. As you'll see, we have spent an extensive amount of time reviewing the project site and project documents. Once again, the JMT Team is fully committed to delivering this project to the City with a focus on high quality, a safe construction project and a final product that has long-term maintainability, achieves full contract compliance and provides an overall value to the constituents.

The following page is a brief qualification matrix showing the extent of our Team's training and certifications. We have also included key staff resumes with additional references and project information.



# Tab 2 | Personnel & Experience and Knowledge

## JMT Team Experience Matrix

Name	Role	Years of Experience	FDOT Qualifications										Certifications					
			QC Manager	Final Estimates Level 1	Final Estimates Level 2	Asphalt Paving Level 1	Asphalt Paving Level 2	Concrete Field Technical Level 1	Earthwork Construction Level 1	Earthwork Construction Level 2	Drilled Shaft Inspection	Pile Driving Inspection	Post-Tensioning Technician Level 1	FDOT MOT Advanced (A) Intermediate (I)	Critical Structures Construction Issues	IMSA Traffic Signal Inspector Level 1	Nuclear Radiation Safety	Florida Stormwater, Erosion, Sedimentation
Steven Haines, PE, LEED AP	Sr. Project Engineer/Project Manager	17	•	•	•	•	•								A	•	•	•
Wesley Kraft, EI	Deputy Project Manager	9	•	•	•	•	•		•	•	•	•		I		•	•	•
Keith Kummer	Senior Inspector	23	•	•	•	•	•		•	•	•	•	•	I		•	•	•
Tearle Hitchcox	Junior Inspector	17		•	•	•	•		•	•	•			I		•	•	•
James Bowyer	Junior Inspector/Survey	17		•					•					I		•		
A. Lee Watts, III, PE	QART	38	•											A	•			
Luke Brolmann, PE	QART	11		•	•	•	•		•	•		•		A	•	•	•	•
David Stickles, PSM	Survey	29																
Ed Stepaniak	Survey	26		•		•		•	•					I	•		•	•
Richard Dovey	Drone Technology	15		•	•	•	•	•	•	•	•	•		I	•	•	•	•
David Andre, PE	Geotechnical Support	30																
Peter Andersen, PE	Geotechnical Support	27																

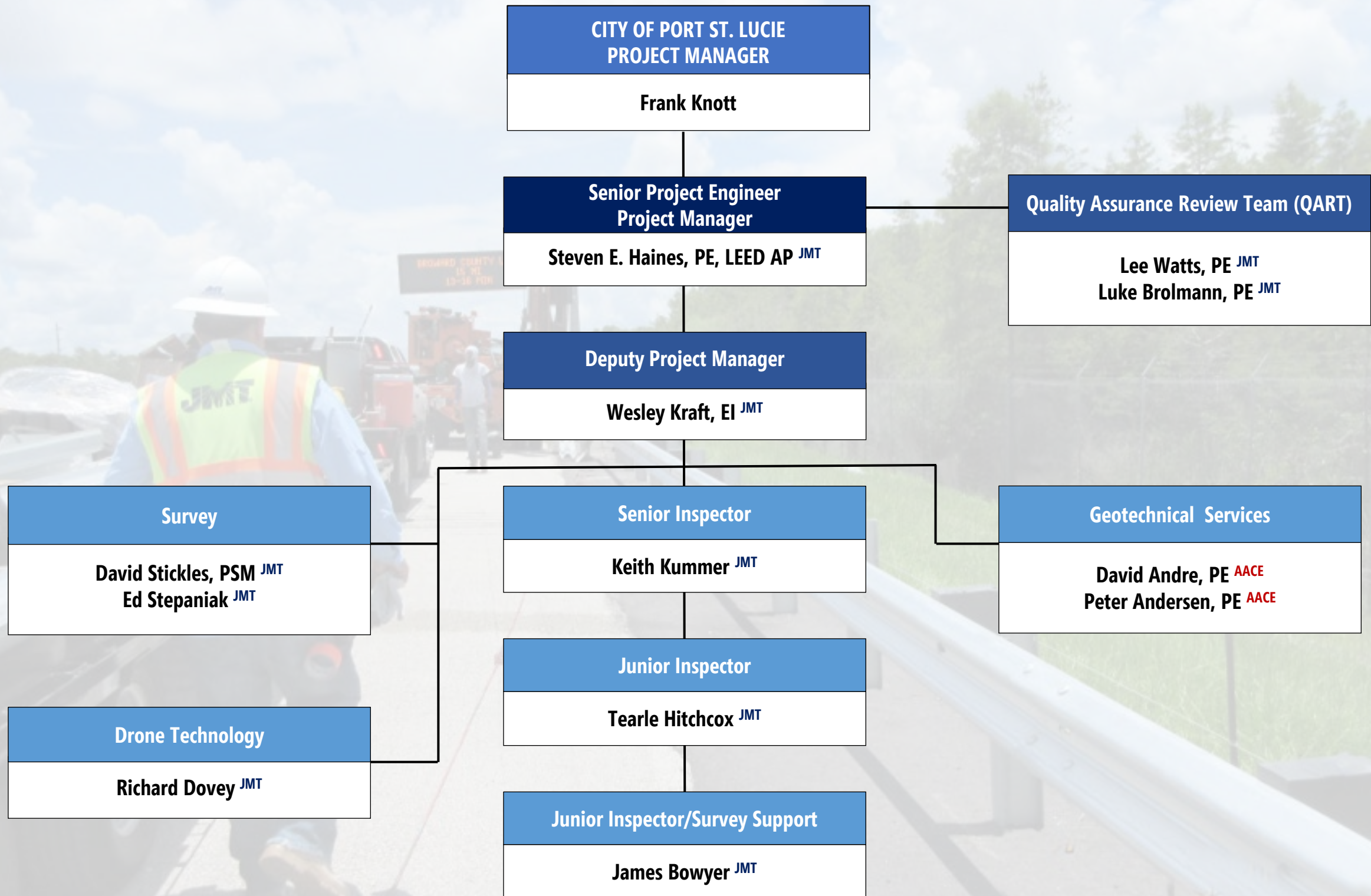
\* Pool of Additional Local Inspection Staff Available as Needed





# CEI & GEO Services for Anthony F. Sansone Sr. Boulevard Extension

City of Port St. Lucie | eRFP No. 20230030



# Steven E. Haines, PE, LEED AP

SENIOR PROJECT ENGINEER /  
PROJECT MANAGER

## Education

- M.S. / Civil Coastal Engineering,  
University of Florida, 2006
- B.S. / Mechanical Engineering,  
University of Florida, 2005
- B.S. / Aerospace Engineering,  
University of Florida, 2005

## Registration

Professional Engineer: FL 71522  
LEED AP (BD+C) 10232666

## TIN #

H52078582

## Years of Experience

17

## Relevant Capabilities

- Advanced MOT
- Quality Control Manager
- Asphalt Paving Levels 1 & 2
- Final Estimates Levels 1 & 2
- Critical Structures Issues
- FL Stormwater, Erosion & Sediment Control
- ACEC/FES – 2019 FELI Class
- FDOT – Manager’s Academy
- FDOT – Supervisor’s Academy
- FDOT – Certified Public Manager Training
- FDOT – EEO, DBE and Payroll Compliance Training
- OSHA 10 Hour Training – Construction Safety & Health
- HAZMAT Certification
- Nuclear Safety Certification
- Silica Training

The project includes close coordination with local utility companies, railroad representatives, and FDOT’s adjacent ATMS project. *Construction Value - \$6.7M; Duration – 422 days. Reference: Michael Harvey, EI, Project Manager, (772) 216-2586.*

**Nov. '19 – Present: Treasure Coast Operations Center General Assigned Contract (CA850), FDOT District 4 (Johnson, Mirmiran & Thompson, Inc.) Consultant Engineer – Part Time.** Mr. Haines is responsible for the management of the Hybrid Contract. He coordinates with the FDOT Project Manager and Operation’s Center staff to provide qualified personnel for each assigned task work order (TWO) and monitors the performance of all assigned personnel. He also develops budgets and tracks funds and time on each TWO while ensuring regular QA/QC reviews are performed. *Approximate CEI Contract Value - \$5,000,000; Duration – 1,825 days. Reference: Kristy Keeler, FDOT PM (772) 429-4895.*

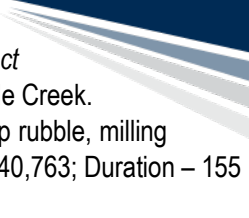
Mr. Haines has 17 years of Construction Engineering & Inspection (CEI) and personnel management and development experience. His experience includes CEI services on a variety of FDOT roadway projects and municipal/LAP projects, including roadway reconstruction/resurfacing, bridge rehabilitation/replacement, utility coordination, etc. He has extensive experience managing numerous concurrent projects as Senior Project Engineer as well as various Continuing Services Contracts and projects with significant complexity and uniqueness, including bascule bridge pilot projects, shoreline stabilizations, and water quality.

**Jan. '23 – Present: CEI Services for Header Canal Rd. Resurfacing Project, St. Lucie County, FL. St. Lucie County.** *Senior Project Engineer.* JMT is providing CEI services to St. Lucie County for full-depth reclamation and Cold In-Place Recycling of 5.1 miles of Header Canal Rd. from SR-70 (Okeechobee Rd.) to SR-68 (Orange Ave.). Other project items include milling and resurfacing with Hot Mix Asphalt, minor widening, shoulder stabilization, and new pavement markings. *Construction Value - \$3.2M; Duration – 42 days. Reference: Shannon Mieras, Project Manager, (772) 462-1813.*

**Sep. '22 – Present: CEI Services for Floresta Dr. Phase II Reconstruction, St. Lucie County, FL. City of Port St. Lucie (Johnson, Mirmiran & Thompson, Inc.) Sr. Project Engineer.** This project includes improvements along a critical corridor from the Elkhart Waterway to Crosstown Parkway. Improvements include full reconstruction of the roadway, including medians, bike lanes, sidewalks, extensive underground drainage, major utility relocations, lighting, landscaping, pond excavation, bridge replacement, etc. *Construction Value – \$30.0M; Duration – 730 days. Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.*

**Jan. '22 – Present: CEI Services for the Reconstruction of Port St. Lucie Blvd. from Darwin to Alcantarra, St. Lucie County, FL (Contract No. CAF67; FM No. 431752-6-62-01). FDOT District 4 (Johnson, Mirmiran & Thompson, Inc) Sr. Project Engineer.** This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway on a critical north-south corridor of southern Port St. Lucie. The project includes full roadway reconstruction and widening, concrete (sidewalk, driveway, curb and gutter, and textured), earthwork construction for a new pond and ditch excavation, a new closed drainage system, extensive utility relocations including water/wastewater, lighting, new signalization, landscaping & irrigation, etc. *Construction Value - \$11.5M; Duration – 709 days. Reference: Mark Freeman, Treasure Coast Operations Project Manager, (772) 429-4904.*

**Dec. '20 – Present: CEI Services for Edwards Rd. Reconstruction, St. Lucie County, FL. St. Lucie County (Johnson, Mirmiran & Thompson, Inc.) Sr. Project Engineer.** This project is a low bid, design-build, off-system Local Agency Project that includes the replacement of the drainage system damaged due to Hurricane Irma, utility relocations, full roadway reconstruction, signalization at the Oleander Ave. intersection to replace the existing span wire system with mast arms and milling & resurfacing of Oleander Ave. south to the railroad tracks.



**May '22 – Nov. '22: CEI Services for St. Lucie County Bridge Repairs (Project 18501 PH II, 11 Mile Rd over 10-Mile Creek), St. Lucie County, FL.** (Johnson, Mirmiran & Thompson) Sr. Project Engineer. JMT provided CEI services to St. Lucie County to repair the 11 Mile Rd. bridge over 10-Mile Creek. Project items included pile jackets, joint and spall repair on deck, expansion joint replacement, riprap rubble, milling and resurfacing, and bridge-mounted conduit repairs. Approximate Construction Contract Value – \$540,763; Duration – 155 Days. **Reference: Michael Harvey, EI, St. Lucie County Project Manager, (772) 216-2586.**

**Oct. '22 – Apr. '23: CEI Services for the Alcantarra Blvd. Sidewalk Project, Port St. Lucie, FL** (Johnson, Mirmiran & Thompson) Sr. Project Engineer. JMT is providing CEI services to the City of Port St. Lucie to install a 6 ft. wide concrete sidewalk on the south side of SW Alcantarra Blvd. from SW Savona Blvd. to SW Port St. Lucie Blvd. Other project items include new detectable warning surfaces at side street intersections, new signage and existing sign relocations, curb and gutter at the outside right-hand turn lane near SW PSL Blvd., swale liner installation, drainage improvements, and sodding. Approximate Construction Contract Value – \$463,225; Duration – 150 Days. **Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.**

**Mar. '22 – Oct. '22: CEI Services for the SW Import Drive Sidewalk Phase I, Port St. Lucie, FL** (Johnson, Mirmiran & Thompson) Sr. Project Engineer. JMT provided CEI services to the City of Port St. Lucie to install a 6 ft. wide concrete sidewalk on the west side of Import Dr. from Oakwood Rd. to Inca Terrace. Other project items included driveway and culvert replacement, swale realignment, cross drain replacement, updated signage, and striping of crosswalks. Approximate Construction Contract Value – \$644,923; Duration – 180 Days. **Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.**

**Sep. '20 – Sep. '22: CEI Services for Floresta Dr. Phase I Reconstruction, St. Lucie County, FL. City of Port St. Lucie** (Johnson, Mirmiran & Thompson, Inc.) Sr. Project Engineer. This project included improvements along a critical corridor from Southbend Blvd. to the Elkhorn Waterway. Improvements include full reconstruction of the roadway, including medians, bike lanes, sidewalks, extensive underground drainage, major utility relocations, lighting, landscaping, pond excavation, etc. Construction Value – \$12.0M; Duration – 538 days. **Reference: Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.**

**Feb. '22 – Apr. '22: CEI Services for Indian River Dr. Traffic Calming Project, St. Lucie County, FL. St. Lucie County** (Johnson, Mirmiran & Thompson, Inc.) Sr. Project Engineer. This was the first phase of the locally funded project consisting of rehabilitating the existing pavement and installation of traffic calming features along S. Indian River Drive from Walton Rd. to Midway Rd. The project was constructed in three stages with three different prime Contractors, completing roadway edge repairs and shoulder treatments in various locations, resurfacing the entire roadway utilizing micro-surfacing and chip seal, installing new thermoplastic pavement markings and speed reduction markings within locations of tight curves, and installing 12 Dynamic Speed Feedback signs, 6 along NB and 6 along SB. Construction Value - \$1.0M; Duration – 65 days. **Reference: Shannon Mieras, Project Manager, (772) 462-1813.**

**Aug. '21 – May '22: CEI Services for Sanibel Causeway Shoreline Stabilization, Lee County, FL.** (Johnson, Mirmiran & Thompson, Inc.) Sr. Project Engineer. The project consisted of shoreline renourishment (placement of sand), the construction of (9) shoreline groins, two (2) terminal groins and minor drainage improvements along Island B of the Sanibel Causeway, which provides the online access connecting mainland Lee County to Sanibel Island. The island is bordered by the Pine Island Sound to the west and San Carlos Bay to the east. The project intent is to primarily address erosion caused by coastal forces including wind, wave, tidal forces, and stormwater runoff from the roadway. All shoreline stabilization activities were developed to avoid impacts to seagrass as well as sea turtles and other protected species. Approximate Construction Value - \$1.7M; Duration – 225 Days. **Reference: Elaine Capps, PE, Lee County Facilities Senior Project Manager, (239) 823-4618.**

**Feb. '21 – Apr. '21: CEI Services for North Bridge Aluminum Test Panel, St. Lucie County, FL** (Johnson, Mirmiran & Thompson, Inc.) Sr. Project Engineer. The project consisted of cut and removal of degraded steel grate on the western portion of the bascule bridge on A1A over the Intercoastal Waterway in Ft. Pierce, FL. New connections were installed on the existing structure and an aluminum test panel with a skid resistant surface were installed to reduce saltwater degradation. Approximate Construction Value - \$200K; Duration – 60 Days. **Reference: Jose Kandarappallil, PE, Treasure Coast Operations Project Manager, (772) 519-2348.**

**Jul. '19 – Feb. '23: CEI Services for McCarty Ranch Water Quality Restoration Project (Area 2, 3 and 4), City of Port St. Lucie, FL.** (Johnson, Mirmiran & Thompson) Sr. Project Engineer. The McCarty Ranch Extension Water Quality Projects with the City of Port St. Lucie are water farms in the west part of St. Lucie County. Construction includes clearing of exotics within the impoundment, seepage canals, a 7' tall perimeter berm to retain water pumped in by the proposed pump station, and water elevation control structures. Additionally, unique sand diaphragms are installed at select locations to control soil pressures from damaging the new berm. These projects improve water quality in the adjacent C-23 canal and the discharge into the St. Lucie River. Approximate Construction Value

\$1.9M & 210 Days; \$2.1M & 222 Days; and \$2.5M & 210 Days, respectively. Reference: John Eason, PE, City of Port St. Lucie Utility Engineer, (772) 873-6487.

**Aug. '16 – Dec. '21: CEI Services for the Reconstruction of Midway Rd (CR-712) from west of 25th Street to east of US-1, St. Lucie County, FL** (Contract No. C9P82; FM No. 231440-2-62-01). FDOT District 4 (Johnson, Mirmiran & Thompson, Inc) Sr. Project Engineer. This project provided congestion relief on a major St. Lucie County evacuation corridor. This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway, White City Park realignment, and numerous side street improvements. It also includes full bridge replacement with Florida I-beams and cast-in-place bridge deck, retaining walls, new signalized intersections with drilled shafts, major drainage and utility improvements, street lighting, landscaping, irrigation, etc. Mr. Haines also provided extensive post construction claims analysis and resolution through the Dispute Review Board (DRB) process in settling \$4.0M. Construction Value - \$31.0M; Duration - 1,714 days. Reference: John Spivey, Treasure Coast Operations Project Manager, (772) 429-4868.

**Jun. '19 – Dec. '19: CEI Services for St. Lucie County Bridge Repairs (Bridge No. 940037 – Keen Rd. and Bridge No. 940043 – Taylor Dairy Rd.), St. Lucie County, FL.** (Johnson, Mirmiran & Thompson) Sr. Project Engineer. JMT provided CEI services to St. Lucie County to repair the Keen Rd. bridge over Taylor Creek and Taylor Dairy Rd. bridge over the Ft. Pierce Farms Water Control District (FPFWCD) Canal C-1. Other project items included drainage, joint and spall repair, guardrail replacement, and rip-rap rubble. Approximate Construction Contract Value – \$515,422.33; Duration – 152 Days. Reference: Michael Harvey, EI, St. Lucie County Project Manager, (772) 216-2586.

**Apr. '19 – Jul. '19: CEI Services for SR-732/Jensen Beach Blvd. from US 1 to Savannah Rd. and SR A1A from East of Lyons Bridge to SR-732/Jensen Beach Blvd., Martin County, FL** (Contract No. CA308; FM No. 432348-1-62-01 and FM No. 436869-1-62-01). FDOT District 4 (Johnson, Mirmiran & Thompson) Sr. Project Engineer. These projects included widening to accommodate new bike lanes as well as milling and resurfacing of all travel lanes and turn lanes. Other project improvements consisted of sidewalk and pedestrian ramp upgrades, upgrading signing and pavement markings, new signalization and intersection lighting, drainage, and pedestrian upgrades. The sidewalk project completed the connection of sidewalk along the west side of SR A1A and included sidewalk, curb & gutter, pedestrian handrails, selective mangrove trimming, riprap, crosswalk striping, and new signs. Mr. Haines was responsible for management of all staff and review of all project documentation. Approximate Construction Contract Values - \$5.4M; Duration – 374 Days and \$480,000; Duration – 120 Days, respectively. Reference: Mark Freeman, FDOT Treasure Coast Operations Project Manager, (772) 429-4904.

**Mar. '19 – Aug. '20: CEI Services for Northlake Blvd. and Military Trail Intersection Improvements (Project No. 2013519), Palm Beach County (Johnson, Mirmiran & Thompson) Sr. Project Engineer.** The purpose of this project is to complete intersection improvements by widening westbound Northlake Blvd. to add a new right turn lane onto Military Trail. Project includes the construction of eight new mast arms, new traffic controller cabinets, new pedestrian signals, and the addition of new signal technologies such as Adaptive Signal Control Systems. Other project improvements include new French Drains, signing and pavement markings, and milling and resurfacing. This project also entails extensive utility coordination to ensure relocation of multiple facilities from UAOs. Mr. Haines' duties include the review of all project documentation, plan revisions, contractor submittals, as-builts, etc., and management of field personnel. Approximate Construction Contract Value - \$1,400,000; Duration – 504 days. Reference: Stephen O'Neil, Chief Construction Coordinator, (561) 684-4180.

**Mar. '19 – Jul. '20: CEI Services for the Southbend Boulevard Sidewalk (Contract #20190049), Port St. Lucie, FL** (Johnson, Mirmiran & Thompson) Sr. Project Engineer. JMT provided CEI services to the City of Port St. Lucie to install a 6 ft. wide concrete sidewalk on the west side of Southbend Blvd. from Eagle Dr. to the Southbend Blvd. Roundabout. Other project items included drainage upgrades, guardrail replacement, and milling & resurfacing. Approximate Construction Contract Value – \$233,671; Duration – 90 Days. Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.

**Sep. '18 – Apr. '19: CEI Services for SR 15 (US 441) from S. of NE 304th St. to Osceola County Line, Okeechobee County, FL.** (Contract No. CA011; FM No. 438063-1-62-01), FDOT District 1 (Johnson, Mirmiran & Thompson, Inc.) Sr. Project Engineer. This project entailed CEI services for milling and resurfacing 9.445 miles of SR 15 in Okeechobee County. This project included shoulder treatments, drainage improvements, new signing and pavement markings, etc. As the Sr. Project Engineer, Mr. Haines was responsible for the review of all project documentation, plan revisions, contractor submittals, shop drawings, as-builts, etc., and management of project personnel. Approximate Construction Contract Value - \$3.7M; Duration – 185 Days. Reference: Stacy Hill, FDOT Heartland Operations Project Manager, (863) 991-4130.

**May '16 – Aug. '17: CEI Services for SR 9/I-95 over Gatlin Boulevard and SR 9/I-95 over CR-712 Midway Road, St. Lucie County, FL** (Contract No. C9P25; FM No. 436646-1-62-01). FDOT District 4 (Johnson, Mirmiran & Thompson, Inc.) Sr. Project Engineer. This

project entailed replacing four existing concrete slab bridge decks along I-95 and traffic railings over two different intersections. The cast-in-place bridge deck replacement occurred in two phases, outside replacement and inside replacement, while maintaining traffic at all times. Mr. Haines was responsible for the review of all project documentation, plan revisions, contractor submittals, shop drawings, as-builts, etc., and management of project personnel. Approximate Construction Contract Value - \$8.2M; Duration - 412 Days. **Reference: Marla Hewson, FDOT Treasure Coast Operations Project Manager, (772) 349-6728.**

**Dec. '15 – Dec. '20: Treasure Coast Operations Center General Assigned Contract (C9M72), FDOT District 4 (Johnson, Mirmiran & Thompson, Inc.) Consultant Engineer – Part Time.** Mr. Haines was responsible for the management of the Hybrid Contract. He coordinates with the FDOT Project Manager and Operation's Center staff to provide qualified personnel for each assigned task work order (TWO) and monitors the performance of all assigned personnel. He also develops budgets, and tracks funds and time on each TWO while ensuring regular QA/QC reviews are performed. *Approximate CEI Contract Value - \$5,000,000; Duration - 1,825 days.* **Reference: Kristy Keeler, FDOT PM (772) 429-4895.**

**Aug. '14 – Sep. '16: CEI Services for SR 710 (Beeline Highway), Indiantown, FL (Contract No. C9L68; FM No. 432707-1-62-01), FDOT District 4 (Johnson, Mirmiran & Thompson, Inc.) Sr. Project Engineer / Project Administrator.** This project provided passing lane improvements along SR 710 from the FEC RR crossing east of Okeechobee County Line to just west of SW Fox Brown Road. The widening occurred in two segments to provide passing lanes in each direction of travel, milling and resurfacing of the existing lanes, new shoulders, guardrail replacement, drainage modifications, new signing and pavement markings and other minor improvements. Mr. Haines was responsible for full project administration, including reviewing project documentation, plan revisions, contractor submittals, shop drawings, as-builts, etc., and management of project personnel. *Approximate Construction Contract Value - \$6.9M; Duration - 778 Days.* **Reference: Chad Rucks, PE, FDOT Treasure Coast Operations Construction Engineer, (772) 429-4938.**

**Aug. '13 – Sep. '16: Treasure Coast Operations Center General Assigned Contract (C9375), FDOT District 4 (Johnson, Mirmiran & Thompson, Inc.) Consultant Engineer.** Mr. Haines was responsible for the management of the Hybrid Contract. He coordinated with the FDOT Project Manager and Operation's Center staff to provide qualified personnel for each assigned task work order (TWO) and monitors the performance of all assigned personnel. He also develops budgets, and tracks funds and time on each TWO while ensuring regular QA/QC reviews are performed. *Approximate CEI Contract Value - \$1,300,000; Duration - 1,095 days.* **Reference: Alice Custis, FDOT PM (772) 429-4824.**

**Jul. '13 – Aug. '14: CEI Services for SR-5 (US-1) Resurfacing, Martin County, FL (Contract No. C9A94, FM No. 427023-1-62-01), FDOT District 4 (Johnson, Mirmiran & Thompson, Inc.) Sr. Project Engineer.** This project was a RRR contract which entailed milling and resurfacing (M&R) US-1 from just south of the intersection at County Line Rd. to the pavement seams at approximate MP 5.05. This project also included cross slope corrections and widening in various areas. On the west side of US-1, a 10-foot-wide Shared Use Path (SUP) will be constructed from County Line Rd. to Jonathan Dickinson State Park (JDSP). Other project improvements included the construction of ADA ramps, signalization improvements, ITS upgrades, installation of a traffic monitoring site, count station, guardrail, signage, pavement markings and utility adjustments. *Approximate Construction Contract Value - \$4.4M; Duration - 382 Days.* **Reference: Kristopher Kehres, PE, FDOT Treasure Coast Operations Engineer, (772) 489-7127.**

**May '13 – Aug. '14: CEI Services for I-95 from SR 60 (Osceola Blvd.) to Brevard County Line, Brevard County, FL (Contract No. C9605; FM No. 413049-2-62-01), FDOT District 4 (Johnson, Mirmiran & Thompson, Inc.) Project Engineer.** This project entailed widening from 4 to 6 lanes from SR 60 to the Brevard County line and the replacement of both bridges over Fellsmere Road/CR- 512 to provide three lanes with widened shoulders in each direction. Additional improvements included drainage, guardrail, signalization, ITS, signage, landscaping, and sound wall construction. Mr. Haines assisted in plan submittal reviews prior to Release for Construction and field management of early work activities. *Construction Value - \$56.0M; Duration - 1,600 days.* **Reference: Katherine Kehres, PE, CPM, FDOT District 4 Safety Administrator, (772) 519-8277.**

**May '11 – May '13: Florida Department of Transportation, District 4, Treasure Coast Operations, Fort Pierce, FL (C9375). (FDOT District 4). Area Engineer.** Mr. Haines' was responsible for management of direct reports & General Assign staff, member on committees including CEI selection, D-B projects, Pond Siting Analysis, etc. Mr. Haines was also the Construction Project Manager on the following projects. **Reference: Kristopher Kehres, PE, Treasure Coast Operations Engineer, (772) 489-7127.**

- **SR-615 (25<sup>th</sup> St.), Fort Pierce, FL (FDOT) Resurfacing improvements on 25<sup>th</sup> St.** Work also included pedestrian signal upgrades, bus bay widening and pavement cross-slope correction. *Construction Value - \$1.0M; Duration - 178 days.*

- **SR-713 (Kings Highway), Fort Pierce, FL (FDOT)** Milling and resurfacing improvements on Kings Highway. Work also included pedestrian signal and ADA upgrades. *Construction Value - \$1.4M; Duration – 195 days.*
- **Sunrise Blvd./Oleander Ave./N. 29th St., Fort Pierce, FL (FDOT)** Design Build project which entailed resurfacing improvements, bike lanes, sidewalk improvements, and drainage. *Construction Value - \$1.3M; Duration – 443 days.*
- **SR-5 (US-1/Port St. Lucie Blvd.) Intersection Improvement, Port St. Lucie, FL (FDOT)** Intersection safety upgrades which included new mast arms, widening & resurfacing. *Construction Value - \$630,000; Duration – 119 days.*

**May '06 – May '11: Culpepper & Terpening, Inc., Fort Pierce, FL.** Culpepper & Terpening (C&T). *Assistant Construction Engineer.* Mr. Haines worked on numerous public infrastructure projects, managing field staff, contractors, and coordinating with design and survey to resolve constructability issues. **C&T Reference: Marcelo Dimitriou, PE, CEI Director, (772) 979-0082.**

- **N. 13th Street Improvements Phase II, Fort Pierce, FL (C&T)** FHWA stimulus funded reconstruction project from Orange Ave. to Avenue D with extensive MOT adjustments & utility coordination. *Construction Value - \$670,000; Duration – 240 days.* **Reference: Ed Seissiger, Project Coordinator, City of Fort Pierce, (772) 467-3780.**
- **Walton Road Reconstruction, Port St. Lucie, FL (C&T)** This project included 4-laning an existing 2-lane roadway, constructing a closed drainage system, and installing new mast arms. The project also included WM & FM relocations, sidewalks, ponds, street/pedestrian lighting, landscaping, fiber interconnect, etc. *Construction Value - \$1.0M; Duration – 178 days.* **Reference: John Frank, PE, Project Manager, St. Lucie County, (772) 462-2097.**
- **Village Parkway Phases I & II, Port St. Lucie, FL (C&T)** This project included 4 miles of new roadway and utilities through an undeveloped portion of grove land and an above ground impoundment. *Construction Value - \$42.7M; Duration – 1,398 days.* **Reference: Patricia Roebling, PE, City Engineer, (772) 871-5100. (retired)**

# Wesley Kraft, EI

DEPUTY PROJECT MANAGER

## Education

B.S. / Civil Engineering, University of South Florida, 2013

A.A. / Indian River State College, Ft. Pierce, FL, 2012

## Registration

Engineering Intern: FL 100017836

## TIN #

K61388184

## Years of Experience

9

## Training & Certifications

- QC Manager
- Asphalt Paving L1 & L2
- Final Estimates L1 & L2
- Earthwork L1 & L2
- ACI Field Testing Tech 1
- FDOT Concrete Field Tech L1
- Intermediate MOT
- IMSA Traffic Signal Inspector L1
- Fiber Optics Technician
- Drilled Shaft
- Pile Driving
- Stormwater Erosion and Sedimentation Control Inspector
- Nuclear Radiation Safety
- Auger Cast Pile
- MSE Wall
- Critical Structures
- Silica Training
- MRP Specialist Training
- HAZMAT
- TRACK – Security Awareness

Mr. Kraft has over 9 years of experience working on Florida Department of Transportation projects in Districts 1, 4, and 5 providing CEI services. He has experience in many aspects of roadway construction, including earthwork, asphalt, drainage, CIP box culverts, drilled shafts, pile driving, overhead sign structures, MSE walls, and concrete Class I bridges. He is ambitious and demonstrates proficiency in his understanding of department expectations and procedural requirements to bring a project to successful completion. He's managed team members as a senior inspector and is now managing teams as a project administrator. Mr. Kraft is experienced with the various department utilized systems such as Citrix, Materials Acceptance System, Project Solve Sharepoint System, and others used to input, process, and store department and project-specific information. Mr. Kraft understands client expectations for quality and always strives to ensure the contractor is informed and familiar with the most up-to-date information prior to and during construction.

**Sep. '22 – Present: CEI Services for Floresta Dr. Phase II Reconstruction, St. Lucie County, FL.** City of Port St. Lucie (Johnson, Mirmiran & Thompson, Inc.) *Assistant Project Manager*. This project includes improvements along a critical corridor of Port St. Lucie from the Elkhart Waterway to Crosstown Parkway. Improvements include full reconstruction of the roadway and replacement of the bridge at Elkhart Waterway, including medians, bike lanes, sidewalks, extensive underground drainage and utility relocations, lighting, landscaping, pond excavation, etc. The project includes close coordination with the public and City staff to minimize disruptions to the traveling public as this corridor includes an elementary school. *Construction Contract Value – \$29.9 M; Duration – 730 days. Reference: Heath Stocton, PE, Assistant Public Works Director, (772) 370-8203.*

**Aug. '22 – Present: CEI Services for Edwards Rd. Reconstruction, St. Lucie County, FL.** St. Lucie County (Johnson, Mirmiran & Thompson, Inc.) *Assistant Project Manager*. This project is a low bid, design-build, off-system Local Agency Project that includes replacement of the drainage system damaged due to Hurricane Irma, utility relocations, full roadway reconstruction, signalization at the Oleander Ave. intersection to replace the existing span wire system with mast arms and milling & resurfacing of Oleander Ave. south to the railroad tracks. The project includes close coordination with local utility companies, railroad representatives, and FDOT's adjacent ATMS project. *Construction Value - \$6.7M; Duration – 422 days. Reference: Michael Harvey, EI, Project Manager, (772) 216-2586. (Anticipated Completion – October 2023)*

**May '22 – November 2022: CEI Services for St. Lucie County Bridge Repairs (Project 18501 PH II, 11 Mile Rd over 10-Mile Creek), St. Lucie County, FL.** (Johnson, Mirmiran & Thompson) *Project Manager*. JMT provided CEI services to St. Lucie County to repair the 11 Mile Rd. bridge over 10-Mile Creek. Project items included pile jackets, joint and spall repair on deck, expansion joint replacement, riprap rubble, milling and resurfacing, and bridge mounted conduit repairs. Approximate Construction Contract Value – \$540,763; Duration – 155 Days. **Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.**

**Aug. '19 – Feb. '23: CEI Services for McCarty Ranch Water Quality Restoration Project (Area 2, Area 3, and Area 4), City of Port St. Lucie, FL (Johnson, Mirmiran & Thompson)**

*Project Manager*. The McCarty Ranch Extension Water Quality Projects with the City of Port St. Lucie are water farms in the west part of St. Lucie County. Construction includes clearing of exotics within the impoundment, seepage canals, a 7' tall perimeter berm to retain water pumped in by the proposed pump station, and water elevation control structures. Area 4 requires connection to an existing pump station with over 900' of 36" pipe above and below ground with multiple valves for servicing other compounds within the McCarty Ranch property. Additionally, unique sand filter diaphragms are installed at select locations to control soil pressures from damaging the new berm. These projects improve water quality in the adjacent C-23 canal and the discharge into the St. Lucie River. *Approximate Construction Value \$1,912,815; Duration – 210 Days, \$2,093,804; Duration – 222 Days, \$2,520,824 – Duration 210 Days; respectively. Reference: John Eason, PE, Utility Engineer, (772) 873-6487. (Anticipated Completion – December 2022)*

**Mar. '22 – Sept. '22: CEI Services for the SW Import Drive Sidewalk Phase I, Port St. Lucie, FL (Johnson, Mirmiran & Thompson)** *Project Manager*. JMT is providing CEI services to the City of Port St. Lucie to install a 6 ft. wide concrete sidewalk on the west side of

Import Dr. from Oakwood Rd. to Inca Terrace. Other project items included driveway and culvert replacement, swale realignment, cross drain replacement, updated signage, and striping of crosswalks. *Approximate Construction Contract Value – \$644,923; Duration – 180 Days. Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.*

**Sep. '20 – Sept. '22: CEI Services for Floresta Dr. Phase I Reconstruction, St. Lucie County, FL.** City of Port St. Lucie (Johnson, Mirmiran & Thompson, Inc.) *Assistant Project Manager.* This project includes improvements along a critical corridor of Port St. Lucie from Southbend Blvd. to the Elkhart Waterway. Improvements include full reconstruction of the roadway, including medians, bike lanes, sidewalks, extensive underground drainage, major utility relocations, lighting, landscaping, pond excavation, etc. The project includes close coordination with the public and City staff to minimize disruptions from Traffic Control to utility transfers. *Construction Contract Value – \$12M; Duration – 717 days. Reference: Heath Stocton, PE, Assistant Public Works Director, (772) 370-8203.*

**Jun.'20 – Nov. '20: CEI Services for St. Lucie County Bridge Repairs (Bridge No. 940037 – Keen Rd. and Bridge No. 940043 – Taylor Dairy Rd.), St. Lucie County, FL (Johnson, Mirmiran & Thompson) Project Manager.** JMT provided CEI services to St. Lucie County to repair the Keen Rd. bridge over Taylor Creek and Taylor Dairy Rd. bridge over the Ft. Pierce Farms Water Control District (FPFWCD) Canal C-1. Other project items included drainage, joint and spall repair, guardrail replacement, and rip-rap rubble. *Approximate Construction Contract Value – \$515,422.33; Duration – 152 days. Reference: Michael Harvey, EI, Project Manager, (772) 216-2586.*

**Nov. '19 – Jan. '19: CEI Services for Darwin Bridge Rehabilitation, City of Port St. Lucie, FL (Johnson, Mirmiran & Thompson) Project Administrator.** Darwin Bridge Rehab project improvements consist of rehabilitation of Darwin Bridge to include removing existing deck joints and replacing with joint nosing and poured joint material, repairing spalls on substructure bents, and coating underdeck spalls with corrosion inhibitor. Mr. Kraft's responsibilities include project management and inspection duties. **Reference: Thomas Salvador, City of Port St. Lucie PM (772) 871-5187**

**Jun.'19 – Dec. '19: CEI Services for the Southbend Boulevard Sidewalk (Contract #20190049), City of Port St. Lucie, FL (Johnson, Mirmiran & Thompson) Project Manager.** JMT is providing CEI services to the City of Port St. Lucie to install a 6 ft. wide concrete sidewalk on the west side of Southbend Boulevard from south of Eagle Drive to the Southbend Boulevard Roundabout. Other project items include drainage upgrades, guardrail replacement, and milling & resurfacing. Mr. Kraft is providing project management services. *Approximate Construction Contract Value – \$233,671; Duration – 90 days. Reference: Frank Knott, PM, City of Port St. Lucie (772) 344-4290.*

**Apr. '19 – Sep. '19: SR A1A from East of Lyons Bridge to SR-732/Jensen Beach Blvd. (CA308, FM No. 43686915201), Martin County, FDOT District 4, Project Administrator.** This project was to complete the connection of sidewalk along the west side of SR A1A. Construction included concrete sidewalk and curb & gutter, pedestrian handrails, selective mangrove trimming, riprap, cross walk striping, and new signs. *Approximate Construction Contract Value \$480,000 Reference: Mark Freeman, FDOT PM (772) 429-4904*

**Oct. '18 – Feb. '19: CEI Services for SR 15 (US 441) from S. of NE 304<sup>th</sup> St. to Osceola County Line, Okeechobee County (FM No. 438063-1-62-01; CA011), FDOT District 1 (Johnson, Mirmiran & Thompson, Inc.) Senior Inspector.** Monitored all paving operations including milling and tacking operations, and asphalt placement as well as coordinate with the contractor and quality control on daily activities, monitoring of MOT, and review of all field data. Upon completion this project had no straightedge or laser profiler deficiencies through the 19 lane miles for structural and friction courses. *Approximate Construction Contract Value - \$3,730,005; Duration – 185 days. Reference: Stacy Hill, PM, Heartland Operations (863) 991-4130.*

**Jun. '18 – Oct. '18: FDOT Brevard Operations Permit Inspections, Brevard County (FM No. 435504-1-72-01; CR5310), FDOT District 5 (Johnson, Mirmiran & Thompson, Inc.), Inspector.** Mr. Kraft's duties included performing permit and drainage inspections for the FDOT Brevard Operations office at various construction projects throughout Brevard County. **Reference: Mark Harper, FDOT Operations Project Manager (321) 634-6076**

**Apr. '17 – May '19: CEI Services for the Reconstruction of Midway Rd (CR-712) from west of 25th Street to east of US-1, St. Lucie County, FL. FDOT District 4 (C9P82)(Johnson, Mirmiran & Thompson) FM No. 23144026201.** Senior Inspector. This project entails CEI services for congestion relief on a major St. Lucie County East-West evacuation corridor. This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway, realignment of the White City Park entrance, and numerous side street improvements. **Reference: John Spivey, TCOPs PM (772) 429-4868**

**Aug. '13 – Jun '18: I-95 from SR-60/Osceola Blvd. to Brevard County Line, Indian River County (\$5.8M; FM No. 413049-2-62-01; C9605), FDOT District 4 (Johnson, Mirmiran & Thompson), Senior Inspector.** This \$55M Design-Build project entailed widening of 12.5 miles of I-95 from 4 to 6 lanes from north of the SR 60/Osceola Blvd. Interchange to the Indian River/Brevard County line, and the replacement of bridges over CR- 512 with a new bridge to provide three lanes with widened shoulders in each direction. Responsibilities included inspection of roadway activities including asphalt paving, embankment, subgrade and base, lighting and signalization, cured in



place pipe liners, box culvert construction, multi-post and single post sign installations, signing and striping. **Reference: Dale Walker, FDOT Project Manager (772) 429-4879 or (772) 201-8518**

**Nov. '14: Milling & Resurfacing at multiple locations on SR-200, SR-492 and US441/301 (\$270,612.99; FM No. 423391-2-72-04) Marion County, FDOT District 5 (Johnson, Mirmiran & Thompson), Roadway Inspector** responsible for providing milling and resurfacing inspection services, as well as, ensuring Maintenance of Traffic devices are set-up correctly and maintained. **Reference: Steven Fisher, EI, Ocala Operations Project Administrator (352) 620-3019**

**Sep. '14 – Nov. '14: Permit Inspection/Work Needs Analysis at multiple locations, Brevard Operations, FDOT District 5 (Johnson, Mirmiran & Thompson) Permit/Roadway Inspector. Reference: George Keyser, Brevard Operations Maintenance Program Manager (321) 634-6077**

# R. Keith Kummer

SENIOR INSPECTOR

## Education

Thomas Jefferson High School, VA,  
1995  
University of Florida, Gainesville FL  
& Florida Atlantic University, Boca  
Raton, FL, 1998

## TIN #

K56073176

## Years of Experience

23

## Training & Certifications

- Asphalt Paving L1 & L2
- Nuclear Gauge Safety
- Nuclear Gauge Refresher
- Earthwork L1 & L2
- Intermediate MOT
- ACI Field Testing 1
- ACI CTCI Inspector 2
- FDOT Drilled Shaft Inspector
- FDOT Pile Driving
- FDOT Concrete Field Tech 1
- Final Estimates L1 & L2
- IMSA Traffic Signal Inspector L1
- Stormwater Erosion and Sedimentation Control Inspector
- QC Manager
- Post Tensioning L1 Multistrand & Grouted PT Installation
- HAZWOPER 40 Hr Certified
- FEC Railway Safety Training (Expired)
- Critical Structures
- FDOT July 2010 Spec. Update Webinar Attendee
- FDOT Attenuator Insp. Workshop Attendee
- FDOT ADA Insp. Workshop Attendee
- FDOT/FBPE ADA for Design & Construction Workshop Attendee

Mr. Kummer has 23 years of construction inspection experience. His responsibilities include highly complex technical assignments in field surveying, construction layout, producing and verifying engineering computations, and inspecting and documenting all construction activities and progress.

**May '22 – Present: CEI Services for St. Lucie West Blvd. at SR-9/I-95 from Champions Way to Peacock Blvd., St. Lucie County, FL (Contract No. CAF67; FM No. 435337-1-52-01). FDOT District 4. Senior Inspector.** The project consists of widening St. Lucie West Blvd. at the I-95 interchange from Champions Way to Peacock Blvd. A new eastbound roadway and bridge over I-95 will be constructed, and the I-95 ramps will be reconstructed to increase capacity and alleviate traffic congestion. Additional work includes roadway reconstruction, milling, resurfacing and widening, earthwork, drainage, concrete sidewalk, curb and gutter, bridge construction, retaining walls, 7' buffered big lanes in each direction, lighting, signalization, landscaping, utility relocations, signage and pavement markings. *Construction Value - \$15.5M; Duration – 588 days. Reference: Marla Hewson, Treasure Coast Operations Project Manager, (772) 349-6728.*

**Oct. '20 – May '22: Treasure Coast Operations Center Continuing CEI Consultant Maintenance Support, SR 656 Bridge Beam Repairs (CA850, FM: 443223-1-62-01), FL. FDOT District 4. Senior Inspector.** Lifting girders from caps for two spans of both east and west bound lanes of 17<sup>th</sup> St. Bridge #880077 in order to repair spalls and broken strands is the main component of work. Also included are curb, gutter and traffic separator reconstruction, asphalt and MOT traffic shifts. \$1,500,000.00 **Reference: Kris Kehres FDOT Maintenance Engineer 772 429-4927**

**Sept. '20 – Dec. '20: Treasure Coast Operations Center Continuing CEI Consultant Construction Support (C9M72; FM No. 43373226201), FL. FDOT District 4. Senior Inspector.** Mr. Kummer is assisting Treasure Coast Operations with all Push Button projects under this contract. His responsibilities on the various Push Button projects include the oversight of roadway reconstruction, widening, signage upgrades, sidewalk, curb & gutter, signalization, lighting, milling, paving, and striping. \$2,000,000.00 **Reference: Kristy Keeler, CPM, FDOT Project Manager (772) 429-4895**

**Dec. '19 – Sept. '20: SR 713 between SR 70 and north of SR 9 Overpass, FM No. 230256-6(&7)-52-02. FDOT District 4. Senior Inspector** for reconstruction of SR713 between SR70 and north of SR9 overpass including widening, milling and resurfacing of asphalt and concrete, sidewalks, shared use paths, drainage improvements including box culvert construction over column stabilized embankment, canal improvements including rip-rap and revetment systems, fencing, signing and pavement markings, signalization, ITS, lighting, landscaping and multiple semi-permanent MOT phases. \$45,000,000.00 **Reference: John Spivey, PM 772 465-7396.**

**Jan. '18 – Jan. '19: Treasure Coast Operations Construction Office LAP, FM No. 410844-5-88-01. FDOT District 4. Senior LAP Oversight Inspector** for Crosstown Parkway Extension consisting of roadway and bridge construction, US1 and Village Green Parkway reconstruction. Signage and upgrades, sidewalk, curb & gutter, full signalization installations at new intersections as well as upgrades at existing, lighting, milling, paving, striping, drainage, segmental block wall, architectural towers, utility adjustments and new construction. \$111,000,000.00. **Reference: ChloAnn Lawrence, PM 772 201-7907, Diego Valesquez, LAP Coordinator 772 321-662**

**Aug. '17 – Jan. '18: Treasure Coast Operations Construction Office Push Button Contracts (FM No.'s 230431-9-52-01, 230458-7-52-01, 230431-8-52-01, & 230438-8-52-01). FDOT District 4. Senior Inspector** for the oversight inspector of roadway reconstruction, widening, signage upgrades, sidewalk, curb & gutter, signalization, lighting, milling, paving, striping, TMS site construction, utility adjustments, guardrail installations, MOT operations and plan reviews. \$3,600,000.00 Annually. **Reference: ChloAnn Lawrence, PM 772 201-7907, Diego Valesquez, PA 772 321-662, Michael Jacobs, PA 772 579-3276, Marla Hewson, PA 772 349-6728**

**Jun. '16 – July '17: SR 9 over Gatlin Blvd. and Midway Rd (FM No. 436646-1-52-01).** *FDOT*

*District 4.* Senior Inspector for four cast in place concrete bridge deck demolition and replacements on SR9 over Gatlin Blvd. and Midway Rd. Includes restoration of the existing asphalt beyond the bridge limits, replacement of guardrail and three-beam bridge connections, shoulder gutter and inlet grate replacements, pavement markings and signing; including overhead bridge mount sign panel replacements and multiple phases of semi-permanent MOT operations. Daily responsibilities include aren't limited to; coordinating and conducting all onsite inspections with a sr. bridge inspector and one junior inspector. Testing and acceptance of bridge deck and barrier wall demolition, forming, steel tying, concrete placement, curing and grooving. Asphalt milling and paving of temporary MOT works as well as friction course. Sign panel and structure acceptance, guardrail removal and installation and primary oversight of multiple MOT phases. Candidate responsible for authoring and editing the project long punch list as well as pre-construction field condition survey's, quantity tracking, as-builds, daily field reports, accident reports, and extra work reports. \$8,200,000.00 **Reference: Marla Hewson, PM 772 349-6728.**

**Jul. '15 – May '16: Treasure Coast Operations Construction Office push button, SIGP, SCOP, and LAP Contracts,** *FDOT District 4, FM No.'s 431689-1-58-01, 230978-4-C8-01, 431730-1-58-01, 431738-1-58-01, 433606-1-58-01, 429786-1-58-01, 230438-6-52-01, 431735-1-58-01, 431520-1-58-01, 432915-1-58-01, 410844-5-58-01, 433730-1-58-10 228623-1-52-01, 230431-9-52-01.* Senior Inspector for the oversight inspector of wetland mitigation, pedestrian & roadway bridge construction, visitor center erection, turn lane additions, roadway reconstruction, roadway widening, signage upgrades, sidewalk, curb & gutter signalization including drilled shafts, lighting, bike lane additions, guardrail, striping, utility adjustments, sheet pile wall, gravity wall, cantilever wall, and drainage construction. Daily (oversight) responsibilities include inspection compliance of FDOT, county, and city CEI inspector's procedures and protocol as called out by the project documents with emphasis on all above field operations, materials tracking, and work acceptance. Daily reporting to FDOT project coordinators of scope of work and quantities changes, time issues, procedural deficiencies, and unforeseen circumstances. Daily (push button) responsibilities include coordinating and conducting all onsite inspections, testing and acceptance of all earthwork courses from pipe backfill through finished base rock, directional bore monitoring, misc. drilled shaft installation verification, lighting system installation and acceptance from foundations to luminaires, signalization acceptance including pull box, conduit, and directional bore installation, asphalt paving including base courses, structural and friction, roadway striping layout per plan, sidewalk, and curb & gutter compliance with ADA, quantity tracking, as-builds, daily field reports, accident reports, and extra work reports. Also conducting formal pre-construction plans reviews including entry into FDOT ERC system on projects listed above. ~\$86,600,000.00 Annually. **Reference: ChloAnn Lawrence, PM 772 201-7907, Diego Valesquez, LAP Coordinator 772 321-662, Michael Jacobs, PA 772 579-3276, Marla Hewson, PA 772 349-6728.**

**Mar. '15 – Jul. '15: SR 805 Intersection Improvements (FM No. 42978-1-52-10),** *FDOT District 4.* Lead / Senior Inspector for the FHWA funded SR805 intersection improvements with 12<sup>th</sup> Ave. S. including 2 new signalization structures, signal head upgrades, full intersection rewire, traffic signal camera installs including preemption with railroad, new cabinet and full contents replacement, asphalt milling and resurfacing, striping including re-configuration of intersection, street lighting additions, ADA curb ramp and sidewalk corrections, curb & gutter, and street signage updates. Daily responsibilities included but weren't limited to; coordinating and conducting all onsite inspections and work with one junior inspector, testing and acceptance of all earthwork courses from embankment through finished base rock, directional bore monitoring, misc. drilled shaft installation verification, lighting system installation and acceptance from foundations to luminaires, signalization acceptance including pull box, conduit, and directional bore installation, asphalt paving including base courses, structural and friction, roadway striping layout per plan, sidewalk, curb & gutter compliance with ADA. \$550,000.00. **Reference: Khosrow Ghandji, PA 561 531-3877, Matthew Carlock, PM 561 432-4966, Melanie Straub, PE 561 370-1125.**

**Jun. '14 – Mar. '15: Palm Beach Operations Maintenance Office Push Button Contracts,** *FDOT District 4, Multiple FM No.'s Senior Inspector,* inspector overseeing field operations for multiple paving repair, drainage maintenance / repair, GPS mapping, drainage construction, canal bank maintenance / reconstructions and drainage conveyance repair contracts throughout district 4. Daily responsibilities included identifying maintenance needs, developing maintenance work orders, field inspection of MOT / quantities tracking / identifying additional work and final product acceptance. \$1,616,000.00 Annually. **Reference: Gary Blankney, Contracts Manager 561 432-4966, Mitch Stamboles, PE 561 370-1126.**

**Mar. '14 – Jun. '14: SR 9 from North of 6<sup>th</sup> Ave. to North of Lake Worth Rd. (FM No. 432549-1-52-01),** *FDOT District 4. Lead / Sr. Inspector.* An FHWA funded, 3R project consisting of High Friction Epoxy Overlay application to eight travel lanes on existing bridges (#930510, #930511, #930261, and #930262) on SR9 from North of 6<sup>th</sup> Ave. to North of Lake Worth Rd. (MP 20.409 to MP 20.844). Project also included re-striping existing travel lane delineations. Daily responsibilities included inspecting the existing bridge deck and repairing deficient cracks before high friction overlay placement, cataloging epoxy and aggregate lots, calculating epoxy and aggregate spread rates, layout for epoxy overlay cores and their acceptance, temp. MOT setup, and striping replacement. Candidate responsible for authoring and editing the project long punch list, as well as pre-construction field survey's, EEO interviews, quantity tracking, daily field reports, accident reports, and extra work reports. \$1,800,000.00 **Reference: Andrew Hipolito, PA 561 370-1123**

Jul. '13 – Feb. '14: Signal Rehabilitation throughout Palm Beach County, FDOT District 4, FM No. 431803-1-52-01, Lead / Sr. Inspector, An FHWA funded project consisting of retrofitting existing traffic signals with new pivotal hangers and rehabilitating damaged signals at 52 intersections throughout Palm Beach County. Daily responsibilities included but weren't limited to field inspection and acceptance of retrofit installations, catalogue existing conditions, verify correct MOT setup. Also responsible for authoring and editing the project long punch list and pre-construction field survey's, quantity tracking, as-builds, daily field reports, accident reports, and extra work reports. \$1,300,000.00. Reference: Stacey Sasala, PM 954 777-4382, Nadia Zeiting, PA 561-370-1145

Jan. '13 – May '13: SR708 (Blue Heron Blvd.) from east of SR 9 to Ave. S and Ave. H west to US1, FDOT District 4, FM No. 424648/424649-1-52-01 Lead / Sr. Inspector, An FHWA funded, 3R project consisting of asphalt milling & resurfacing with minor widening of Blue Heron Blvd., turnout additions, curb & gutter, ADA sidewalk improvements, drainage structure and culvert installation, communication additions, bridge expansion joint rehab, utility adjustments, signing and pavement markings. Daily responsibility included but not limited to coordinating and conducting all onsite inspections and scheduling multiple junior inspectors. Testing and acceptance of all earthwork courses from drainage backfill through finished base rock, clearing & grubbing, drainage system installation / acceptance bridge end bent / pile cluster / footer and approach slab backfill, gravity wall from base to applied finish, lighting system installation / acceptance from foundations to luminaires, communication system installation, fence installation, signalization including pull box / conduit and directional bore installation, asphalt paving including temp. MOT / overbuild / base courses / structural and friction, guardrail and attenuator installation, roadway striping, sidewalk / curb and gutter. Candidate was responsible for authoring and editing the project long punch list for roadway and bridge as well as pre-construction field condition survey's, EEO interviews, quantity tracking, as-builds, daily field reports, accident reports, and extra work reports. \$1,800,000.00. Reference: Rob Cables, PM 561-370-1187, Rick Peterson QA/QC Admin. 772 321-7621

Mar. '12 – Jan. '13: SR9, from Indrio Rd. to Indian River County Line, FDOT District 4, FM No. 413047-1-52-01 Lead / Sr. Inspector An FHWA funded project which consisted of SR9 inside roadway widening, milling and resurfacing, sound wall installation, two box culvert extensions, two box culvert crack remediation's, drainage, lighting, utility adjustment and communication improvements as well as an inside pile foundation bridge widening over Indrio Rd. Daily responsibility included coordinating and conducting all onsite inspections and scheduling multiple junior inspectors. Testing and acceptance of all earthwork courses from drainage backfill through finished base rock, clearing & grubbing, drainage system installation / acceptance bridge end bent / pile cluster / footer and approach slab backfill, gravity wall from base to applied finish, lighting system installation / acceptance from foundations to luminaires, communication system installation, fence installation, signalization including pull box / conduit and directional bore installation, asphalt paving including temp. MOT / overbuild / base courses / structural and friction, guardrail and attenuator installation, roadway striping, sidewalk / curb & gutter, sound wall foundation through paint application, box culvert extension earthwork / rebar / forming / concrete placement / curing and form stripping, existing box culvert crack inspection for high pressure epoxy sealing, bridge pile driving operations, footer rebar / forms inspection, column rebar / form inspection / removal and concrete placement.. Candidate responsible for authoring and editing the project long punch list for roadway and bridge as well as pre-construction field condition survey's, EEO interviews, quantity tracking, as-builds, daily field reports, accident reports, extra work reports, hurricane preparedness / recovery tracking. Additionally, shadowed the Sr. Bridge Inspector in inspection of demolition, beam setting, deck form / rebar / steel / concrete placement and curing. \$17,200,00.00  
Reference: Dale Walker, PM 772-429-4879, Glenn Beck, Asphalt QA/QC Admin. 772 201-8511

Mar. '11 – Mar. '12: City of Port St. Lucie Eastern Watershed Improvement Project Stormwater Retrofit Elks-Cane Slough STA, Project Administrator, Lead / Sr. Inspector, EEO Officer. A five acre storm water treatment area including excavation of a ten acre wet detention pond, drainage conveyance culverts and inlets, ADA sidewalk installation, rip rap rubble placement, permanent sediment and erosion controls and sodding. Daily responsibilities included but weren't limited to; oversight, inspection, and acceptance of all daily field construction production, contractor EEO compliance reviews, and administer the construction contract. Scheduled and hosted the weekly progress meetings including agenda authoring, subcontractor approval, project time recording, payment disbursements. Candidate responsible for authoring and editing the project long punch list, as well as pre-construction field condition survey's, quantity tracking, as-builds, daily field reports, and extra work reports. Reference: Steve Jungjohan, PM 772-370-8229 (City of Port St. Lucie)

Apr. '10 – Feb. '11: SR716, Port St. Lucie Blvd., FDOT District 4, FM No. 415302-1-52-01, Lead / Sr. Inspector, A FHWA funded project of SR716, Port St. Lucie Blvd. from Florida's Turnpike 2.6 miles East to Petunia Ave. consisting of milling / resurfacing existing asphalt roadway, drainage system repairs and updates, concrete headwall replacement @ B9S canal, ADA sidewalk upgrades, signalization,


utility adjustments and vehicle detection modifications at Airoso Blvd. and Floresta Dr. Daily responsibility included but weren't limited to; coordinating all onsite inspections and scheduling multiple junior inspectors, inspection of drainage headwall replacement at B9S canal including permanent sheet pile installation / field coating / cap rebar inspection / concrete placement and form removal, signalization including camera / signal head / ped. head / cabinet / pull box / conduit / and directional bore installation. Candidate responsible for authoring and editing the project long punch list, as well as pre-construction field condition survey's, quantity tracking, as-builds, daily field reports, accident reports, EEO interviews and extra work reports. \$2,500,000.00. Reference: ChloAnn Lawrence, PM 772 201-7907, Kris Kehres, PA 722 519-8443

Mar. '10 – Apr. '10: Blue Gill Trail phase 1 from Riverbend Park to Sandhill Crane Park (LAP/ARRA/FDOT funded), FDOT District 4, FM No. 423809-1-58-01 Lead Oversight Inspector, Project consisted of hardened bicycle, equine, and pedestrian trail construction, including shade shelter erection, educational kiosks and user signs, as well as a pedestrian bridge over the C-18 canal. Daily responsibilities included but weren't limited to field and office review of CEI inspector processes and documentation as they relate to project and FDOT references. \$625,000.00. Reference: Deborah Ishan, PE 954 777-4387

Feb. '10 – Apr. '10: SW 196 Ave. between Taft St. and Sheridan St, Pembroke Rd. between 145 Ave. and 129 Ave., and Pembroke Rd. between 166 Ave. and Silver Shores Blvd. FDOT D4, FM No. 426832-1-58-01 01 LAP/ARRA/FDOT funded, Lead Oversight Inspector. Included ADA sidewalk enhancements, sod placement, drainage updates, signalization additions to intersections, landscape beautification, utility adjustments, and asphalt pavement improvements. Daily responsibilities included but weren't limited to; field and office review of CEI inspector processes and documentation as they relate to project and FDOT references. \$750,000.00. Reference: Deborah Ishan, PE 954 777-4387

Dec. '05 – Feb. '10: SR9 HOV improvements from N. of Southern Blvd. to N. of Palm Beach Lakes Blvd, FDOT District 4, FM No. 231919-3-52-01 & 231920-2-52-01. Lead / Sr. Inspector for an FHWA funded project including. A full reconstruction with the addition of an HOV lane in each direction for entire limits, multiple auxiliary lane additions, and outside shoulder widening of SR9, Palm Beach Lakes Blvd. and Australian Ave. Cast in place box culvert widening, three pile foundation bridge reconstructions, full roadway lighting reconstruction on all roads, communication additions on all roads, comprehensive signalization reconstruction on all roads, full restriping of all roads as well as landscape installation, ADA reconstruction, gravity wall, sheet pile wall with soil anchors & caps, length of project center median barrier wall including spread footers & cantilever sections, guardrail, utility adjustments, attenuators, and right of way fence. Daily responsibility included but weren't limited to; coordinating and conducting all onsite inspections and scheduling multiple junior inspectors, testing and acceptance of all earthwork courses from unsuitable material removal & backfill through finished base rock, clearing & grubbing, drainage system installation/acceptance including jack and bore's, sheet pile wall including soil anchor installation and removal, MSE wall erection and backfill, temporary MSE wall erection and backfill, bridge end bent/pile cluster/footer/approach slab backfill, gravity wall from base to applied finish, lighting system installation/acceptance from foundations to luminaires, communication system installation, fence installation, signalization including camera/signal head/ped. head/cabinet/pull box/conduit/ and directional bore installation, asphalt paving including temp. MOT/overbuild/base courses/structural and friction, guardrail/bullet rail and attenuator installation, roadway striping, sidewalk / curb & gutter, sheet pile wall driving/anchor installation and full system removal, center median barrier wall base through class V finish application inspection, EEO interviews, quantity tracking, as-builds, daily field reports, accident reports, extra work reports, hurricane preparedness / recovery tracking, authoring and editing the project long punch list for roadway, as well as preconstruction field condition survey's. Additionally, shadowed the Sr. Bridge Inspector in inspection of demolition, pile driving operations, footer rebar/forms inspection and mass concrete placement, column rebar / form inspection / removal and concrete placement, abutment rebar / form inspection / removal, concrete placement, beam setting, deck form / rebar / steel / concrete placement and curing. \$75,000,000.00. Reference: Eduardo Caballero, PE 561 370-1104, Kim Gutierrez, PE 954-777-4424, Don Frey QA/QC Insp. 561 370-1159.

Nov. '04 – Dec. '05: I-95 Mobility 2000, FM No. 231920-1-52-01 SR9 HOV improvements from N. of Palm Beach Lakes Blvd. to N. of Blue Heron Blvd., FDOT District 4, Inspector for a full reconstruction with addition of HOV lane in each direction for entire limits, multiple auxiliary lane additions, and outside shoulder widening of SR9. Widened one pile foundation SR9 bridge to inside and two pile foundation bridge full reconstructions. Performed one SR9 box culvert extension along with SR9 ramp and intersecting roadway milling, paving, sidewalk, curbing, signing and marking improvements. Two soldier pile walls, 4 MSE walls and full-length center median barrier wall on SR9 were components of this project. Clearing and grubbing, landscaping, comprehensive street and bridge lighting, communication,



signalization reconstruction, and utility adjustments. District 4 Citrix Site Manager Site Pad prototype project. Daily responsibilities included but weren't limited to; testing and acceptance of all earthwork courses from drainage backfill through finished base rock, clearing & grubbing, drainage system installation and acceptance, sheet pile wall including soil anchor installation and removal, MSE wall erection and backfill, temporary MSE wall erection and backfill, bridge end bent/pile cluster/footer/approach slab backfill, gravity wall from base to applied finish and asphalt including temp. MOT / structural / overbuild / friction and conducting EEO interviews, quantity tracking, as-builds, daily field reports, accident reports, extra work reports, and hurricane preparedness / recovery tracking. Candidate solely responsible for the entire soldier pile wall operation from I-beam driving, including soil anchor installation, and rebar inspection through final concrete façade application. Additionally, shadowed the Sr. Bridge Inspector in inspection of footer rebar / forms inspection and mass concrete placement, column rebar / form inspection and concrete placement, abutment rebar/form inspection and concrete placement, beam setting, deck form / rebar / steel / concrete placement and curing. \$74,000,000.00. Reference: Courtney Drummond, PE 954 777-4106, Don Frey QA/QC Insp. 561 370-1159.

Jan. '03 – Nov. '04: SR80 from East of Congress Blvd. to West of Haverhill Rd., FDOT District 4, FM No. 229797-1-52-01, QC Manager / Lead QC Inspector, Six lane divided highway expansion on virgin ground tied into existing SR80. Project Included demolition of two bridges and filling a portion of existing C51 canal, construction of five new driven pile bridges, four MSE walls, comprehensive drainage system, and one new precast box culvert. Five intersecting roadways received striping, curbing, and sidewalk improvements. Daily responsibilities included but weren't limited to; all material sampling and inspection, acceptance and testing of MSE wall erection and precast inspection, drainage installation and precast inspection including jack and bore installations, shoulder barrier wall construction, subsoil through base course placement and acceptance, box culvert base and backfill, fabric formed rip-rap cement testing, mass concrete placement administration, bridge deck concrete acceptance, and pile cluster foundations for ridge. Also personally authored the monthly FDOT Materials Exemption Report, entered materials samples in CQR system, and inspected accuracy of all QC documentation. \$65,000,000.00. Reference: Ahmad Rasaiepour, PE 954-677-7001

Jun. '04 – Nov. '04: SR 80 from East of SR 9 to West of SR 9, FDOT District 4, FM No. 231835-1-52-01, QC Manager / Lead QC Inspector. Demolished existing SR80 bridge over SR9 and railway. Constructed four MSE walls, a new drilled shaft foundation SR80 Bridge over SR9 and railway, widened existing SR80 from four to six travel lanes, widened existing SR9 southbound off-ramp from one to two lanes. Daily responsibilities included but weren't limited to; full time onsite Q.C. management delegating responsibilities to four junior technicians as well as myself. All material sampling and inspection, acceptance and testing of MSE wall erection and precast inspection, drainage installation and precast inspection including jack and bore installations, shoulder barrier wall construction, subsoil through base course placement and acceptance, and structural drilled shaft foundations for bridge. Also personally authored the monthly FDOT Materials Exemption Report, entered materials samples in CQR system, and inspected accuracy of all Q.C. documentation. \$50,500,000.00. Reference: Ahmad Rasaiepour, PE 954-677-7001

Previous to the above referenced projects, candidate employed by Universal Engineering Sciences. As an example of multiple private, public, and Army Corp. of Engineers contracts, Keith was the lead inspector on the Lowes Co. site and threshold inspection for its store under construction in Pembroke Pines, Florida. Tasks included collecting earthwork proctor samples, density testing from drainage backfill to base rock as well as inspection/acceptance of all materials, sampling/accepting and inspection of placement methods for all concrete from drainage to lightweight roofing material, inspection/acceptance of rebar in building footers and tilt-up panels, inspection/acceptance of girder/joist roof including multiple varieties of weld acceptance as well as punch list compilation and final project acceptance.

# Tearle "Terry" Hitchcox

JUNIOR INSPECTOR

## Education

Leeward Community College, Pearl  
City, Hawaii (Courses Taken)

George Washington High School,  
Mangilao, Guam

## TIN #

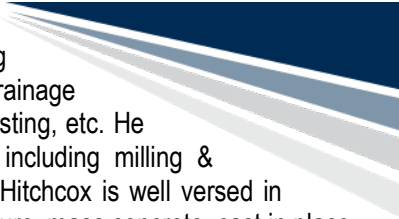
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## Years of Experience

17

## Training & Certifications

- Asphalt Paving L1 & L2
- ACI Concrete Field Tech 1
- Earthwork L1 & L2
- Final Estimates L1 & L2
- Auger Cast Piles- CBT
- FDOT Drilled Shaft Inspection
- Critical Structures
- Intermediate MOT
- FDOT Concrete Field Tech 1
- HAZMAT
- Stormwater Erosion and  
Sedimentation Control Inspector
- MSE Wall Inspector - CBT
- Nuclear Safety Certification
- IMSA Traffic Signal Inspector  
L1
- FDOT CBT for RCI  
Fundamentals 101, 102, 103
- CBT for Straight Line Diagrams



Mr. Hitchcox has over 17 years of QC and CEI Inspection experience with numerous projects involving earthwork activities, including: base rock inspection, drainage pipe installation, subgrade inspection, embankment testing, etc. He also has extensive experience on asphalt projects including milling & resurfacing, widening, temporary diversions, etc. Mr. Hitchcox is well versed in concrete activities (flat work, bridge decks, super structure, mass concrete, cast in place structures, etc.), drilled shafts, asphalt and auger cast piles. Given his experience on FDOT roadway projects, he has a thorough understanding of the Department's requirements for producing quality projects and has a track record for providing quality inspection services. His experience on the Contractor side has allowed him to fully understand the transportation industry and intrinsic challenges that are faced on a daily basis in the field.

**Sept. '22 – Present: FDOT Treasure Coast Operations CEI Services for A1A Widening and Turning Lanes Project, Vero Beach, FL. FDOT District 4.** CEI Inspector. This project includes widening for bike lanes, sidewalk and drainage modifications as well as widening for new turning lanes. Mr. Hitchcox is responsible for field inspections and oversight of all field operations. **Reference: Don Larson, FDOT PM, (772)828-1789**

**Jan. '22 – Sept. '22: CEI Services for the SW Import Drive Sidewalk Construction Project, St. Lucie, FL. City of Port St. Lucie.** CEI Senior Inspector. This project includes construction for a new sidewalk, adjusting culverts, and replacing cross drains. Along with minor milling and resurfacing. Mr. Hitchcox is responsible for field inspections and oversight of all field operations. **Reference: Frank Knott, City Project Manager, (772)344-4290**

**Aug. '19 – Nov. '21: FDOT Orlando Operations, Orange County (\$5M; FM No. 435504-1-72-04; C9V91), FL. FDOT District 5.** Contract/CEI Inspector. Mr. Hitchcox's duties included performing permit, and drainage inspections for the FDOT Brevard Operations office on various construction projects throughout Brevard County. In addition, Mr. Hitchcox's duties also include inspection of various maintenance contract projects such as desilting, striping, and paving operations. Mr. Hitchcox monitored and reported the contractor's work assuring the proper documentation was produced and submitted to FDOT during and after inspections have been performed. In addition, he performed field inspections various roadway characteristics on State roads within the county in an effort to develop work needs for maintenance division. **Reference: Hector Matos, FDOT Maintenance Contract Manager (321) 634-6065**

**Nov. '19- Feb. '20: SR-732/Jensen Beach Blvd. from US-1/SR-5 to Savannah Rd. (CA308; FM No. 43234816201), Martin County, FDOT District 4, Senior Inspector.** This project includes widening to accommodate new bike lanes as well as milling and resurfacing of all travel lanes and turn lanes. Other project improvements consist of sidewalk and pedestrian

ramp upgrades, upgrading signing and pavement markings, new signalization and intersection lighting, drainage, and pedestrian upgrades. Mr. Hitchcox is performing as the Senior Inspector, responsible for oversight of all project activities and field operations. **Reference: Mark Freeman, FDOT PM (772) 429-4904**

**Apr. '19 – Sept. '19: District 5 Maintenance Personnel Support Services Contract, Brevard Operations (\$5M; FM No. 435504-1-72-04; C9V91), (Johnson, Mirmiran & Thompson) Inspector.** Assisted the Brevard Operations Office with field inspection services on various contracts for city and county landscape maintenance, rest area landscape maintenance, sidewalk inspections, striping contracts, and mowing contracts. Mr. Hitchcox was responsible of performing Drainage and Driveway inspections for various roadways throughout Brevard County. **Reference: Barry Hallman, FDOT Brevard Operations (321) 634-6075**

**Oct. '18 – Feb. '19: CEI Services for SR 15 (US 441) from S. of NE 304<sup>th</sup> St. to Osceola County Line, Okeechobee County (CA011; FM No. 438063-1-62-01), FDOT District 1 (Johnson, Mirmiran & Thompson) Inspector.** This project entailed CEI services for milling and resurfacing 9.445 miles of SR 15 in Okeechobee County. This project included shoulder treatments, drainage improvements as well

as new signing and pavement markings. As Inspector, Mr. Hitchcox was responsible for managing Contractor operations, including milling, paving, drainage, MOT, signage, striping, vibration monitoring, etc. *Approximate Construction Contract Value - \$3,700,000; Duration – 185 days.*  
**Reference: Stacy Hill, Heartland Operations Project Manager, (863) 991-4130.**

**Apr. '17 – Oct. '18: CEI Services for the Reconstruction of Midway Rd (CR-712) from west of 25<sup>th</sup> Street to east of US-1, St. Lucie County (C9P82; FM No. 231440-2-62-01), FDOT District 4 (Johnson, Mirmiran & Thompson) Inspector.** This project entails CEI services for congestion relief on a major St. Lucie County East-West evacuation corridor. This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway, realignment of the White City Park entrance, and numerous side street improvements. The project also includes full bridge replacement, new signalized intersections, major drainage and utility improvements, pipe lining, street and pedestrian lighting, landscaping, irrigation, pond construction, etc. As an Inspector, Terry has been responsible for monitoring drainage and pond construction, temporary pavement installation for Special Detours and MOT shifts, and roadway reconstruction including subgrade and base rock placement. *Approximate Construction Contract Value - \$26,800,000; Duration – 1,200 days.* **Reference: John Spivey, PM (772) 429-4868.**

**Jan. '15 – Apr. '17: I-95 from SR 60/Osceola Blvd. to Brevard County Line (Design Build), FDOT District 4, Indian River County (C9605; FM No. 413049-2-62-01) (Johnson, Mirmiran & Thompson) Inspector.** This \$55M Design-Build project entailed widening of 12.5 miles of I-95 from 4 to 6 lanes from north of the SR 60/Osceola Blvd. Interchange to the Indian River/Brevard County line, and the replacement of bridges over CR- 512 with a new bridge to provide three lanes with widened shoulders in each direction. Other improvements included new drainage, rehabilitation of existing drainage by installing cured in place pipe liners, 16 new cast in place and precast box culverts, lighting, signalization, ITS, signage, landscaping, and sound wall construction. **Reference: Dale Walker, FDOT Project Manager (772) 429-4879 or (772) 201-8518.**

**Aug. '05 – Dec. '14: Various QC Inspection Roadway & Bridge Projects for FDOT (Construction Testing and Inspection, Inc. - CTI) QC Inspector.** Mr. Hitchcox's 10 years of QC inspection experience at CTI included: assembling and maintenance of density logbooks, oversight of IA DLB inspections, concrete testing and inspection, asphalt testing and inspection, earthwork testing and inspection, drill shaft inspection, auger cast pile inspection, slurry testing. Mr. Hitchcox has a strong understanding and knowledge of plans, specs, and other project documents. **Reference: Keith Sloane, Director of Operations, CTI (772) 770-3850.**

**FDOT Projects during employment at CTI include (but are not limited to) the following:**

**2013 – 14: FM No. 413049-2-52-01, I-95, Indian River County, District 4:** Earthwork inspection including embankment, pipe backfill, stabilization and base, MSE Wall inspection, DLB maintenance, mass concrete inspection, drilled shaft inspection including concrete and slurry testing, auger cast pile inspection including grout flow cone/cylinders, asphalt paving inspection. **Reference: Steven Haines, JMT Project Engineer (772) 370-7865.**

**2013 – 14: FM No.228583-2-52-01, US-1 (King's Highway), Indian River County, District 4:** Drilled shaft inspection, mass concrete inspection, earthwork inspection.

**2013 – 14: FM No. 428346-1-58-01 (LAP), Palm Bay Parkway, Brevard County, District 5:** Earthwork Inspection, DLB maintenance, pipe placement/backfill inspection and structural concrete/bridge inspection.

**2012 – 14: FM No. 413048-1-52-01, I-95, Indian River County, District 4:** Asphalt paving inspection.

**2012 – 14: FM No. 230262-2-52-01, SR-70, St. Lucie County, District 4:** Asphalt paving inspection, structural concrete inspection.

**2011 – 12: FM No. 422956-1-52-01, SR-70, St. Lucie County, District 4:** Earthwork inspection and asphalt paving inspection.

**2011 – 12: FM No. 423351-1-52-01, US-1, Brevard County, District 5:** Earthwork inspection and asphalt paving inspection.

**2010 – 12: FM No. 419653-1-52-01, A1A, Martin County, District 4:** Earthwork inspection including geogrid placement.

**2010 – '11: FM No. 426248-1-52-01, 20<sup>th</sup> Ave., Indian River County, District 4:** Drilled Shaft Inspection.

**2010: FM No. 424478-1-52-01, I-4, Orange County, District 5:** Structural concrete testing on bridge repairs.

**2008 – '10: FM No. 241221-2-52-01, Palm Bay Rd., Brevard County, District 5:** Auger cast pile inspection, mass concrete, earthwork and asphalt paving inspection.



# James Bowyer

JUNIOR INSPECTOR  
SURVEY SUPPORT

## Education

Vero Beach Highschool  
IRSC – HVAC degree  
Palm Beach Community  
College – Land survey 1 & 2

## TIN#

B600441742840

## Years of Experience

17

## Training History & Certifications

- MOT Intermediate
- Earthwork 1
- Final Estimates 1
- Nuclear Radiation
- Hazmat

Mr. Bowyer has more than 17 years of experience roadway construction including surveying, construction and CEI services.

**Oct. '22 – Present: CEI Services for the Alcantarra Blvd. Sidewalk Project, Port St. Lucie, FL (Johnson, Mirmiran & Thompson) Inspector.** JMT is providing CEI services to the City of Port St. Lucie to install a 6 ft. wide concrete sidewalk on the south side of SW Alcantarra Blvd. from SW Savona Blvd. to SW Port St. Lucie Blvd. Other project items include new detectable warning surfaces at side street intersections, new signage and existing sign relocations, curb and gutter at the outside right-hand turn lane near SW PSL Blvd., swale liner installation, drainage improvements, and sodding. Approximate Construction Contract Value – \$448,862; Duration – 150 Days. **Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.**

**Feb. '21 – Sep. '22: Community Asphalt OHL.** As a Survey Party Chief which included: Completed complex technical surveys for the development of roadway, intersection and bridge construction plans. Analyzed survey reports, maps, blueprints and other topographical and geologic data to effectively plan projects. Facilitated construction by mapping out installations and establishing reference points, grades and elevations. Set up and application of Vogele robotic paver. Operated Trimble robotic survey instruments. Layout of job structures.

**Mar. '17 – Feb. '21: Morrison Cobalt JV.** As a surveyor Mr. Bowyer's responsibilities included: Set control and layout for job structures. Operated equipment. Conducted routine quality audits and addressed needed revisions. Pile driver duties.

**Nov. '15 – Mar. '17: Geotechnical Foundations, Inc.** As a Survey Supervisor which included: Sets control and layout for job structures, H beams, and sound walls. Supervise pile driving crew. Operates equipment including loaders and backhoes. Conducts routine quality audits and initiates necessary corrective action plan.

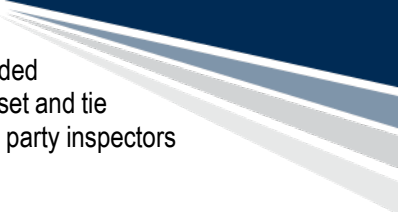
**Jan. '15 – Nov. '15: Dynamic Air Conditioning:** As a Crew Leader which included: Inspected and tested refrigeration systems, safety devices and controls. Tested chemical levels in refrigerators and freezers to verify compliance with regulations. Renovated plumbing in HVAC systems. Read blueprints, wiring diagrams, piping schematics and engineering specifications to diagnose and repair units.

**Jul. '13 – Nov. '14: Archer Western Contractors, Inc:** As a surveyor which included: Analyzed survey reports, maps, blueprints and other topographical and geologic data to effectively plan projects. Facilitated construction by mapping out installations and establishing reference points, grades and elevations. Set up and application of Vogele robotic paver. Operated Trimble robotic survey instruments. Layout of job structures.

**Apr. '11 – Jul. '13: Condotte America, Inc:** As a Project Foreman which included: Completed tear-down of existing structures and prepared for new construction. Accurately estimated time and materials costs for projects. Mixed porridge of catch basins and poured and sawed-off concrete and asphalt. Provided accurate measurements and estimates for all projects. Requisitioned new supplies and equipment. Monitored inventory and reported items to be restocked for each job. Operated equipment such as RT 50 hydraulic Crane, track hoe and loader. Coordination with third party inspectors and subcontractors on overall progression of project.

**Apr. '10 – Apr. '11: Arnold Air Condition:** As HVAC Technician which included: Inspected and tested refrigeration systems, safety devices and controls. Investigated major malfunctions and breakdowns of heating, refrigeration and air-conditioning systems. Tested chemical levels in refrigerators and freezers to verify compliance with regulations. Evaluated the status of refrigeration liquids for safety and compliance purposes. Monitored building environmental conditions, including adjusting thermostats, terminal units and mixing boxes. Repaired and replaced motors, bearings and belts. Supplied technical support to customers. Worked overtime, holidays and weekends to accommodate company needs. Renovated plumbing and HVAC systems. Kept accurate records of time and materials used for each job. Troubleshooting for EMS systems and VFDs. Read blueprints, wiring diagrams, piping schemes and engineering specifications to diagnose and repair units.

**Dec. '07 – Dec. '09: Misner Marine, Inc:** As a Pile Driving Foreman which included: Completed tear-down of existing structures and



prepared for new construction. Consistently assumed additional responsibilities and worked extended hours to meet project deadlines. Operated equipment such as Loader, Backhoe and roller Layout, set and tie rebar. Set up and operate Bidwell. Pour and finish concrete. Placed girders. Coordinated with third party inspectors to complete punch out.

**Apr. '05 – Dec. '07: Cone Graham, Inc:** As a Pile Driving Foreman, MOT Supervisor and Surveyor which included : Guided and directed third-party inspectors through project construction, commissioning and closeout. Avoided construction delays by efficiently following through with all site inspections in a timely manner. Conducted routine quality audits to ensure that work was progressing per the specifications and initiated corrective actions. Completed tear-down of existing structures and prepared for new construction. Provided accurate measurements and estimates for all projects. Requisitioned new supplies and equipment. Consistently assumed additional responsibilities and worked extended hours to meet project deadlines. Operated equipment such as RT 50 Hydraulic Crane and Loaders and Backhoes. Supervised pile driving crew. Gained experience in concrete form work and finish. Placement of girders Set up and proficient operation of Bidwell.

# A. Lee Watts III, PE

QA/QC REVIEWER

## Education

B.S. Civil Engineering, Auburn University, 1982

## Registration

Florida PE Cert. No. 38866  
Alabama PE Cert. No. 29857-E  
Georgia PE Cert. No. 033450

TIN#: W32005259

## Years of Experience

38

## Training History & Certifications

- CTQP QC Manager
- ATTSA Advanced MOT
- SBCCI Building Inspector
- Critical Structures Construction
- Experience with Suretrac, P3 & Primavera P6 Professional Scheduling Programs

Mr. Watts' 38 years of CEI experience includes roadway and bridge construction projects for FDOT Districts 1, 2, 3, 4, 7, and Turnpike. His unique expertise includes conventional and design-build contract administration on extensive interstate/toll facilities, claim analysis and resolutions, CPM scheduling, project constructability issues, specialized maintenance of traffic alignments, and DRB proceedings. In addition to his proven technical performance on signature projects along I-75 and I-95, Mr. Watts' proactive management approach and dedication to client service have been instrumental to his success on numerous FDOT contracts.

**Jan. '22 – Present: CEI Services for St. Lucie West Blvd. at SR-9/I-95 from Champions Way to Peacock Blvd., St. Lucie County, FL** (Contract No. CAF67; FM No. 435337-1-52-01). FDOT District 4 (Johnson, Mirmiran & Thompson, Inc) Sr. Project Engineer. The project consists of widening St. Lucie West Blvd. at the I-95 interchange from Champions Way to Peacock Blvd. A new eastbound roadway and bridge over I-95 will be constructed, and the I-95 ramps will be reconstructed to increase capacity and alleviate traffic congestion. Additional work includes roadway reconstruction, milling, resurfacing and widening, earthwork, drainage, concrete sidewalk, curb and gutter, bridge construction, retaining walls, 7' buffered big lanes in each direction, lighting, signalization, landscaping, utility relocations, signage and pavement markings. *Construction Value - \$15.5M; Duration – 588 days. Reference: Marla Hewson, Treasure Coast Operations Project Manager, (772) 349-6728.*

**Dec. '17 – Present: Direct Connect Ramps to/from I-4 (SR-400) and Turnpike Mainline (SR-91) & Implementation of Express Lanes on Turnpike Mainline (SR-91) from the Beachline (SR-528) to I-4 (SR-400) (Design-Build), Orange County, FL.** Florida's Turnpike Enterprise (C9X48; FM Nos. 437166-2-52-01 & 437987-1-52-01), (Johnson, Mirmiran & Thompson). Senior Project Engineer. The primary scope of the project is the construction of direct connectivity ramps (2,140 LF) from the Turnpike mainline (SR-91) to and from I-4 (SR-400) between MP 253.581 and MP 260.506 to improve traffic operations and safety at the interchange. Six existing toll sites within the project limits will be replaced with the

implementation of all-electronic tolling (AET). The project also includes the implementation of express lanes on the Turnpike mainline between the Beachline (SR-528) and I-4 and operational improvements at the Consulate Drive southbound off-ramp with AET and intersection improvements. Miscellaneous roadside improvements, pavement milling, and resurfacing are also provided on the Turnpike mainline from Orange Blossom Trail (U.S.-441) to I-4, and the milling and resurfacing of portions of the mainline pavement currently being constructed south of SR-528 and portions of the Turnpike Mainline north of I-4. **Construction Cost: \$83M; Reference: Steve Wigle, PE Project Manager (407) 509-8541**

**Mar. '17 – Jun. '18: I-95 from SR-60/Osceola Boulevard to Brevard County Line, Indian River County, FL.** FDOT District 4 (C9605; FM No.41304926201) (Johnson, Mirmiran & Thompson). Project Manager. This design-build project entailed widening 12.5 miles of I-95 from 4 to 6 lanes from north of the SR-60/Osceola Boulevard interchange to the Indian River/Brevard County line and replacing bridges over CR-512 with a new bridge to provide three lanes with widened shoulders in each direction. Other improvements included new drainage, rehabilitation of existing drainage by installing cured-in-place pipe liners, 16 new cast in place and precast box culverts, lighting, signalization, ITS, signage, landscaping, and sound wall construction. **Construction Cost: \$55M; Reference: Katherine Kehres, PE, TCOPs Project Manager, (772) 429-4889**

**Jun. '15 – Mar. '17: CEI Services for SR-786/PGA Boulevard from SR-710 to West of Florida's Turnpike (Design-Build), Palm Beach County, FL.** FDOT District 4 (C9J82; FM No. 229396-2-62-01) (Johnson, Mirmiran & Thompson). Senior Project Engineer. This design-build project raised the profile of the existing two-lane roadway to provide flood protection for the roadway itself and to restore the hydrological connections associated with the Loxahatchee Slough. The project included the construction of a new single-span bridge to replace an existing culvert, thus expanding the flow capacity through this section of roadway and providing a new kayak trail and 8 ft. critter crossing. The roadway's profile was elevated approximately 3 ft using asphalt. An existing 14x20 flat slab box culvert was also replaced with dual 54-inch and dual 72-inch culvert system. **Construction Cost: \$9.5M; Reference: Melanie Straub, PE, FDOT D4 PBOPS (561) 432-4966**

**Mar. '15 – Jun. '16: CEI Services for CEI Group 15-E, Tallahassee, Leon County, FL.** FDOT District 3 (C9H23; FM Nos. 42696116201, 42696116202, 42873916201, 42873916202, 42873916203), (Johnson, Mirmiran & Thompson). Senior Project Engineer. Two 3R projects involved milling, resurfacing, safety and drainage improvements for SR-10 (U.S.-90) (Mahan Drive) from SR-265 (Magnolia Drive) to SR-



261 (U.S.-319/Capital Circle) and SR-261 (U.S.-319/Capital Circle) from Park Avenue to CR-151 (Centerville Road). **Construction Cost: \$2M; Reference: Tony Walters, FDOT Project Manager, Midway Operations Center (850) 694-5112**

**Oct. '14 – Mar. '17: Veterans Expressway Widening, Tampa, FL.** *Florida's Turnpike Enterprise (C9A26; FM No. 406151-1-62-01) (Johnson, Mirmiran & Thompson).* QA/QC Officer. Provided assistance and reviewed such items as utilities, maintenance of traffic, construction sequences and phasing, permit requirement and conditions, quantities, and equipment requirements. **Construction Cost: \$46M; Reference: Fernando Gomez, Project Manager (407) 468-7909**

**Sep. '14 – Dec. '15: District 5 Maintenance Personnel Support Services, Lake Mary, FL.** *FDOT District 5 (CR5310; FM No.435504-1-72-01)(Johnson, Mirmiran & Thompson).* QA/QC Officer. Provided assistance and reviewed such items as utilities, maintenance of traffic, construction sequences and phasing, permit requirement and conditions, quantities and equipment requirements. **Construction Cost: Various; Reference: Miguel Melendez, Project Manager (386) 943-5292**

**Apr. '03 – Apr. '12: Greenhorne & O'Mara, Inc.** Regional Vice President/Division Manager. Mr. Watts was fully responsible for the coordination of Florida's field construction services, liaison with Florida's District Construction and FTE personnel, responsible for consultant teaming, letters of interests, contract negotiations/administration, constructability reviews, field inspections, CPM scheduling, claims reviews and provided QA/QC responsibility for all projects.

- 2012: S.R. 85 at S.R. 123 from General Bond Blvd. to Okaloosa Regional Airport, Ft. Walton Beach, FL., Construction cost - \$25M; CEI Fee - \$4.1M
- 2012: S.R. 70 Holmes Creek Bridge Replacement, Vernon, FL.; Construction cost - \$21M. CEI Fee - \$3M
- 2010: S.R. 8A (I-110) Reconstruction, Escambia County, FDOT District 3; Construction cost - \$38M; CEI Fee - \$4.1M
- 2009: S.R. 8 (I-10), Tallahassee, FL.; Construction Cost - \$164M. CEI Fee - \$10.6M
- 2009: S.R. 87 (Stewart Street) from S.R. 10 (US 90) to End of Old Five-Lane, Milton, FL; Construction cost - \$3.8M. CEI Fee - \$625K
- 2006: SR 83 (SR 331), Walton Co., FDOT District 3. Construction cost - \$16M. CEI Fee - \$2.3M
- 2005: I-10 Rest Areas, Okaloosa and Santa Rosa Counties; Construction cost - \$15.3M. CEI Fee - \$1.8M

**Sep. '00 – May '03: SR-9 / I-95, Palm Beach County, FL.** Construction of HOV lanes from South of Linton Boulevard to the LWDD L-30 Canal, Delray Beach, FL, FDOT District 4 (Greenhorne & O'Mara, Inc.) Sr. Project Engineer. This reconstruction project included the demolition and replacement of 10 bridges, widening and reconstruction of roadway, drainage and cross streets. **Construction Cost: \$49M; Reference: Scott Burrie, PE, PM (561) 432-4966**

**Feb. '98 – Aug. '00: Skypass Bridge, Port of Palm Beach, Palm Beach County, FL.** *FDOT District 4 (Greenhorne & O'Mara, Inc.).* Sr. Project Engineer. This project entailed construction of the Skypass Bridge for the Port of Palm Beach which elevates U.S.-1 over the existing Port properties. **Construction Cost: \$15M; Reference: Tom Lundeen, PE, PM (561) 383-4133**

**Jun. '97 – Jan. '98: I-75 Widening and Resurfacing including a Weigh in Motion (WIM) Station, White Springs, FL.** *FDOT District 2 (Greenhorne & O'Mara, Inc.).* Resident Engineer. **Construction Cost: \$55M; Reference: Jim Martin, PE, FDOT PM (386) 961-7884**

**Apr. '94 – May '97: Ticket System Toll Plaza - Florida's Turnpike (Greenhorne & O'Mara, Inc.).** Resident Engineer. **Construction Cost: \$10M; Reference: Bill Sears, PE, Program Manager (954) 975-4855**

**Aug. '92 – Mar. '94: Lake Worth Interchange at Turnpike - Florida's Turnpike (Greenhorne & O'Mara, Inc.).** Resident Engineer. **Construction Cost: \$8M; Reference: Bill Sears, PE, (954) 975-4855**

**Feb. '92 – Jul. '92: Miscellaneous Authorizations - System-Wide - Florida's Turnpike (Greenhorne & O'Mara, Inc.).** Resident Engineer. This contract entailed a variety of miscellaneous projects that included Turkey Lake service plaza renovations, Homestead extension fencing, Thomas B. Manuel bridge fender pile installation and bridge repairs. **Construction Cost: Various; Reference: Bill Sears, PE, Program Manager (954) 975-4855**

**Feb. '92 – Jul. '92: Miscellaneous Authorizations - System-Wide - Florida's Turnpike (Greenhorne & O'Mara, Inc.)** *Resident Engineer.* This contract entailed a variety of miscellaneous projects that included Turkey Lake Service Plaza renovations, Homestead Extension fencing, Thomas B. Manuel Bridge fender pile installation and bridge repairs. **Reference: Bill Sears, P.E., Program Manager (954) 975-4855**

**Aug. '91 – Jan. '92: Miscellaneous Intersections (CEI), Lakeland, FL, FDOT District 1 (Greenhorne & O'Mara, Inc.)** *Resident Engineer.* Project Engineer for two miscellaneous intersection projects for FDOT in District One. **Construction Cost: \$15M; Reference: John Hayes, P.E., Program Manager (863) 519-4104.**

# Luke Brolmann, PE

QA/QC REVIEWER

## Education

BS/Civil Engineering, University of North Florida, 2011

AA/Engineering, Indian River State College, 2008

## Registration

Professional Engineer: FL 82308

## TIN #

B645538861020

## Years of Experience

11

## Training & Certifications

- Earthwork L1 & L2
- Final Estimates L1 & L2
- Asphalt Paving L1 & L2
- Advanced MOT
- QC Manager
- ACI Field Testing Tech 1
- Pile Driving Inspection
- IMSA Traffic Signal Tech L1
- Nuclear Safety Certification
- HAZMAT
- NRMCA Pervious Concrete Tech
- Critical Structures
- Auger Cast Pile Inspector
- MSE Wall Inspector
- Radiation Safety Officer
- OSHA 10 Hr. Safety & Health
- Stormwater Erosion and Sedimentation Control Inspector
- TRACK Security Awareness

Mr. Brolmann is a hardworking, growth-driven, and highly focused civil engineer with excellent problem-solving, analytical, management, and organizational skills. He can work independently as well as on a team with complex projects. He has progressed from Inspector to Project Administrator over the past 11 years on FDOT and Treasure Coast Operations roadway and bridge projects due to his keen eye for detail and professionalism. He is well-versed in FDOT programs such as PrC and MAC. He also excels in written, oral, and technical communication. Through his engineering internship, Mr. Brolmann gained technical expertise in the design of transportation/civil projects and can bring a unique perspective to CEI projects. He also has experience on the contractor's side on vertical construction projects.

**Jan. '23 – Present: CEI Services for Header Canal Rd. Resurfacing Project, St. Lucie County, FL. St. Lucie County.** *Project Administrator.* JMT is providing CEI services to St. Lucie County for full depth reclamation and Cold In-Place Recycling of 5.1 miles of Header Canal Rd. from SR-70 (Okeechobee Rd.) to SR-68 (Orange Ave.). Other project items include milling and resurfacing with Hot Mix Asphalt, minor widening, shoulder stabilization, and new pavement markings. *Construction Value - \$3.2M; Duration – 42 days. Reference: Shannon Mieras, Project Manager, (772) 462-1813*

**Jun. '22 – Present: CEI Services for the Alcantarra Blvd. Sidewalk Project, Port St. Lucie, FL.** *Sr. Project Engineer.* JMT is providing CEI services to the City of Port St. Lucie to install a 6 ft. wide concrete sidewalk on the south side of SW Alcantarra Blvd. from SW Savona Blvd. to SW Port St. Lucie Blvd. Other project items include new detectable warning surfaces at side street intersections, new signage and existing sign relocations, curb and gutter at the outside right-hand turn lane near SW PSL Blvd., swale liner installation, drainage improvements, and sodding. *Approximate Construction Contract Value – \$448,862; Duration – 150 Days. Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.*

**Jan. '22 – Present: CEI Services for the Reconstruction of Port St. Lucie Blvd. from Darwin to Alcantarra, St. Lucie County, FL** (*Contract No. CAF67; FM No. 431752-6-62-01*). *FDOT District 4. Sr. Project Engineer.* This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway on a critical north-south corridor of southern Port St. Lucie. The project includes full roadway reconstruction and widening, concrete (sidewalk, driveway, curb and gutter, and textured), earthwork construction for a new pond and ditch excavation, a new closed drainage system, extensive utility relocations including water/wastewater, lighting, new signalization, landscaping & irrigation, etc. *Construction Value - \$11.5M; Duration – 709 days. Reference: Mark Freeman, Treasure Coast Operations Project Manager, (772) 429-4904.*

**Aug. '17 – Feb. '22: CEI Services for the Reconstruction of Midway Road (CR-712) from west of 25th Street to East of US 1, St. Lucie County, FL** *FDOT District 4 (C9P82, FM No. 231440-2-62-01).* *Project Administrator.* This project entails CEI services for congestion relief on a major St. Lucie County East-West evacuation corridor. This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway, realignment of the White City Park entrance, and numerous side street improvements. It also includes full bridge replacement with Florida I-beams and cast-in-place bridge deck, retaining walls, new signalized intersections with drilled shafts, major utility improvements, new street lighting, landscaping, irrigation, etc. As the Project Administrator, Mr. Brolmann is responsible for full administration of all project activities, management of CEI field staff, coordination with stakeholders, review of all project documentation, plan revisions, contractor submittals, shop drawings, as-builts, etc. *Approximate Construction Contract Value - \$31,400,000; Duration – 1,748 days. Reference: John Spivey, Treasure Coast Operations Project Manager, (772) 429-4868.*

**Feb. '22 – Apr. '22: CEI Services for Indian River Dr. Traffic Calming Project, St. Lucie County, FL. St. Lucie County** *Project Administrator.* This was the first phase of the locally funded project consisting of rehabilitating the existing pavement and installation of traffic calming features along S. Indian River Drive from Walton Rd. to Midway Rd. The project was constructed in three stages with three different prime Contractors, completing roadway edge repairs and shoulder treatments in various locations, resurfacing the entire

roadway utilizing micro-surfacing and chip seal, installing new thermoplastic pavement markings and speed reduction markings within locations of tight curves, and installing 12 Dynamic Speed Feedback signs, 6 along 6 NB and 6 along SB. *Construction Value - \$1.0M; Duration – 65 days.*  
**Reference: Shannon Mieras, Project Manager, (772) 462-1813.**

**May '16 – Aug. '17: CEI Services for SR-9/I-95 over Gatlin Boulevard and SR-9/I-95 over CR-712 Midway Road, St. Lucie County, FL. FDOT District 4 (C9P25; FM No. 436646-1-62-01) (Design-Build).** *Project Administrator.* This project entailed replacing four bridge decks including traffic railings and expansion joints with backer rods and non-shrink grout at End Bents 1 & 5. The replacement occurred in two phases: Phase I included the demolition and placement of the outside half of the bridge decks (29.38' wide) and Phase II mirrored Phase I construction to the inside of the bridge decks. The four bridge decks are located at the northbound (Bridge No. 940109) and southbound (Bridge No. 940108) I-95 over Gatlin Boulevard and northbound (Bridge No. 940111) and southbound (Bridge No. 940112) I-95 over Midway Road. *Approximate Construction Contract Value - \$8.2M; Duration – 412 days.*  
**Reference: Marla Hewson, Treasure Coast Operations Project Manager, (772) 349-6728.**

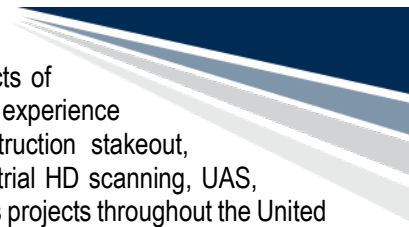
**Jul. '14 – Sep. '16: SR-710/Beeline Highway, Martin County MP 2.00 to MP 12.60, Indiantown, FL, Martin County, FL. FDOT District 4 (C9L68; FM No. 432707-1-62-01).** *Sr. Inspector/Assistant Project Administrator.* Design-build project which consisted of CEI services to provide passing lane improvements along SR-710 from the FEC RR crossing at MP 2.0 east of Okeechobee/Martin County Line to MP 12.0 just west of SW Fox Brown Road, for a total distance of 10 miles. This project entailed widening along SR-710 in Martin County to provide two passing lane segments, one in each direction of travel, milling and resurfacing of the existing lanes, new shoulders, proposed guardrail placement, drainage modifications, new signing and pavement markings and other minor improvements within the limits of the passing lanes. *Construction Value - \$6.9M; Duration – 778 days.* **Reference: Chad Rucks, PE, Treasure Coast Operations Project Manager, (772) 429-4938.**

**Jul. '13 – Jul. '14: CEI Services for SR-5 (US-1) Resurfacing, Martin County, FL. FDOT District 4 (C9A94; FM No. 427023-1-62-01).** *Sr. Inspector.* 3R contract which entailed milling and resurfacing along U.S.-1 from just south of the intersection at County Line Road to the pavement seams at approximate MP 5.05. This project also included cross slope corrections and widening in various areas. On the west side of U.S.-1, a 10-foot-wide shared use path (SUP) was constructed from County Line Road to Jonathan Dickinson State Park (JDSP). Other project improvements included the construction of ADA ramps, signalization improvements, ITS upgrades, installation of a traffic monitoring site, count station, guardrail, signage, pavement markings and utility adjustments. *Construction Value - \$4.4M; Duration – 382 days.* **Reference: Kris Kehres, PE, Treasure Coast Operations Project Manager, (772) 465-7396 or (772) 429-4927.**

**Oct. '12 – Feb. '13: Treasure Coast Operations General Assign (Multiple Projects), Martin County, FL. FDOT District 4 (C9375; FM No. 229964-9-62-01).** *Inspector/Engineering Intern.* Mr. Brolmann provided inspection services on a milling and resurfacing project along SR-A1A from east of St. Lucie River Bridge to west of Sewall's Point Bridge (FM No. 424639-1). Scope of work on this \$816K construction project included .376 miles of milling and resurfacing, sidewalk, median, landscape, irrigations, pedestrian lighting, and drainage improvements. **Reference: Katherine Kehres, PE, Treasure Coast Operations Project Manager, (772) 519-8277 or (772) 429-4889.**

**Feb. '12 – Oct. '12: SR-70 Segment 3 from East of Summerlin Road to East of Bridge #940113, St. Lucie County, FL. FDOT District 4 (C8H20; FM No. 230262-3-62-01).** *Inspector/Engineering Intern.* \$12.4M ARRA project which entailed the reconstruction of 4.3 miles of SR-70 from a 2-lane undivided to a 4-lane divided rural roadway from a point east of Summerlin Road westerly to a point east of bridge number 940113. His duties included assistance in monitoring the contractors' activities such as sod placement, drainage installation, asphalt operations, new road construction densities, embankment, roadway stabilization, monitoring canal relocation activities, pavement removal, Class 1 concrete placement, guardrail installation, loop installation for traffic counters, striping operations, truncated domes installation and monitoring the placement of both temporary and permanent MOT devices (such as signs, tubular delineators, barricades, etc.). **Reference: ChloAnn Lawrence, Treasure Coast Operations Project Manager, (772) 429-4866.**

**2010-2011: Jacobs Engineering Group, Inc., Jacksonville, FL.** *Paid Intern.* Mr. Brolmann worked in the Roadway and Drainage Design Department on various projects for the Florida and Georgia Departments of Transportation. He also worked in the Airport Design Department on various projects, including Atlanta and LaGuardia Airport construction designs. **Reference: Christopher Bowker, Jacobs Engineering (904) 636-5432**



# David Stickles, PSM

## CHIEF SURVEYOR

### Education

BS, Geography and Land Surveying, Towson University, 2005  
AS, Surveying, Community College of Baltimore County, 2001

### Registrations

Professional Surveyor & Mapper:  
FL 7201(Issued: 11/19/2018)  
DE S6-0000685  
(Issued: 1/13/2004)  
MD 21263 (Issued:2/01/2005)

### Years of Experience

29

Mr. Stickles has 29 years of experience in all aspects of Surveying and Subsurface Utility Exploration. His experience includes boundary and topographic surveys, construction stakeout, hydrographic surveys, aerial photogrammetry, terrestrial HD scanning, UAS, as well as utility designating and locating for numerous projects throughout the United States. He is familiar with the latest technologies and innovations in Surveying and SUE including GPS, hi-definition scanning and robotic total stations, UAS (drones), detection of underground utilities, and vacuum based excavation. Mr. Stickles has provided project leadership on numerous projects where he was responsible for staff and client communication, contract review, task proposal development, task scheduling, assignment of unit resources, budget review/adherence, quality assurance, and coordination of staff activities.

**Districtwide Minor Design Services/Production Support, FL.** *FDOT District 4.* Senior Surveyor. This was a task-work-order driven contract consisting of providing design services for transportation projects, including resurfacing, restoration, and rehabilitation (RRR) projects; intersection safety improvements; operational/ capacity improvements; RFP preparation; and in-house PM/production support.

**Miscellaneous Professional Services for Transportation Development & Design Engineering Services.** *Hillsborough County, FL.* Senior Surveyor. JMT has been under similar contracts with Hillsborough County continuously for nearly 20 years. Task work orders are issued from various sections within the Hillsborough County Public Works Department. These projects have included intersection safety reviews and operational improvements, roadway resurfacing and ADA improvements, a roundabout, complete streets projects, traffic operations design, drainage improvements, school safety improvements, construction inspection, and master planning for sidewalk and intersection improvement programs, and shared use paths.

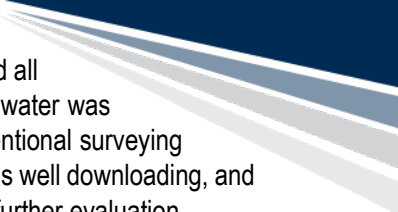
**Miscellaneous Professional Engineering for Bicycle and Pedestrians.** *Hillsborough County, FL.* Senior Surveyor. JMT was selected to provide Hillsborough County with bicycle and pedestrian related support including the design of multi-use trails, sidewalks, and bicycle lanes, as well as safety improvements identified through the Safe Routes to School program. These improvements include shoulder widening and the installation of sidewalks near schools.

**US 41/SR 45/Nebraska Avenue Median Modifications.** *FDOT District 7.* Senior Surveyor. This is a Federally Funded project. The purpose of this project is to provide urban corridor improvements to increase safety for all road users regardless of method of transportation. These include mid-block crossings at various locations, PHB's and RRFB's, refuge islands, lighting, sidewalks, intersection improvements, curb ramp upgrades, drainage improvements, and raised medians and curb bulb-outs. The mainline roadway is an urban minor arterial from MP 0.0 to 3.165 and an urban principal arterial from MP 3.165 to 5.409 on the SHS. The improvements start at Kennedy Boulevard extending north to just short of East Arctic Avenue.

**SR 80/Southern Boulevard Ramps and SR 7/US 441, Palm Beach County, FL,** *FDOT District 4.* Senior Surveyor. This contract included design to accommodate additional right and left turn lanes from SR 7 south of C-51 canal to north of SR 80 WB ramps. As well as widening of NB SR 7 and SB SR 7 to accommodate addition turn lanes and the widening of the bridges over the C-51 canal. Surveying services included the establishment of horizontal and vertical control using a combination of static GPS and conventional traverse. GPS data was post-processed against the Florida FPRN using four (4) continuously operating base stations. Elevations were established from digital levels off published benchmarks. Topographic surveys used a combination of electronic data collection as well as hi-definition scanning to capture road surfaces due to extreme traffic conditions. Post processing of survey data merged the two formats together for a seamless topographic map with detailed contours of the full project site. Hydrographic surveys were performed on the C-51 canal upstream and downstream of the SR 7 / US 441 crossing and merged with the full topographic surveys. As part of the scope of work, JMT also provided sectional/grant surveys and subdivision locations. From the established traverse, JMT located existing ¼ corner and 1/8 corners for multiple townships. This information, along with historical baseline and right of way drawings was used to reestablish the rights-of-way for SR 7 / US 441 and SR 80 ramps and mainline.

**SR-826/Sunny Isles Boulevard, Miami-Dade County, FL,** *FDOT District 6.* Senior Surveyor. Mr. Stickles was asked to investigate a series of storm drain manholes located just outside of the original topographic limits supplied by the FDOT D6 at the intersection of Sunny Isles Boulevard (NE 163<sup>rd</sup> Street) and North Bay Road. The system of manholes collected storm drain runoff from 163<sup>rd</sup>





Street and North Bay Road and connect to drain inlets along the curb of both roads. Crews opened all manholes to determine size and type of pipes as well as approximate invert depths as standing water was present in all manholes. Outfall pipes were also visible at low tide and were obtained using conventional surveying methods and tied to site control. Mr. Stickles also led the survey crew in obtaining the information as well downloading, and processing in Microstation using the FDOT Standards and supplying to our in-house engineers for further evaluation.

**Lake Jesup Nutrient Reduction and Flow Enhancement, Seminole County, FL.** *St. Johns River Water Management District.* Survey Project Manager. David oversaw the day-to-day operations including crew assignment, equipment resource scheduling, and communication with our internal staff. The project consisted of obtaining topographic information across a very large tract of land. Conditions were poor, as summer rains kept the farmland wet and difficult to cross. Survey crews performed cross section over 8,500 linear feet and 350 acres of topo to develop 1' contours. David also road along on the airboat to help ESP perform hydrographic surveys and additional section sin the areas our crew could not physically reach.

**Surveying Services for Sebring Parkway Project from US 27 to Cleveland Road, Highlands County, FL.** Project Manager. Survey consisted of mapping from the intersection of US 27 along Sebring Parkway to Cleveland Road. Due to the high volume of vehicular traffic, David decided to use a terrestrial based Hi-Definition Scanner to obtain the topographic data collection in conjunction with GNSS RTK Data Collection and traditional angle distance methodology in canopied areas. Using a Trimble SX10 Scanner, 100 Scan worlds were collected after a 27-point traverse was set and run using traditional angle and distance technology and differential leveling techniques. All field data was downloaded and developed into an AutoCAD basemap to the County's standards. This innovative technique kept JMT surveyors out of moving traffic and without the expense of maintenance of traffic.

**Field Survey Services, Statewide, MD.** *MD State Highway Administration.* Contract/Project Manager. Field and office survey operations including using TDS Rangers with SurveyPro for electronic data collection topographic surveys, CADD design map production, and the scheduling, estimating, budgeting, and invoicing for the contract on projects throughout the State. Services included GPS horizontal and vertical control surveys, highway surveys, profiles, right-of-way and construction stakeouts, spur lines, condemnation stakeouts, and surveys to support aerial photography. Typical projects include GPS surveys to establish horizontal and vertical control surveys using the HARN network, electronic data collection per SHA standards for both field collection and CADD processing, and digital terrain modeling. All files were delivered in SHA Microstation Format.

**Engineering Services for Stormwater Infrastructure and General Land Surveying, Loudoun County, VA.** *Loudoun County, VA* Contract/Project Manager. On the current contract JMT has performed bathymetric surveys on 13 stormwater management ponds. On the first contract JMT provided land surveying services which included topographic and bathymetric survey as-builts for storm water ponds. JMT completed eight (8) task orders which included as-builts for one hundred nine (109) ponds, including eighty (80) dry ponds and twenty-nine (29) wet ponds. Surveys included the location of all control devices (with inverts), structures, ground breaks, ditches, from pond center to top of bank, including the breach point. Provided utility locations and designation services at the Parks, Recreation and Community Services Maintenance Facility, and utility location services (Test Holes).

**Open-End Survey and Engineering Services, Baltimore and Harford Counties, MD.** *MDSHA District 4.* Survey Project Manager. Assisted in highway and hydrographic surveys including electronic data collection, topographic surveys, metes and bounds surveys, profiles, spur lines, right-of-way stakeouts, interchange stakeouts, wetland identification, cross-sections, and miscellaneous surveys. Tasks also involved Subsurface Utility Exploration, both utility designation and vacuum based test holes.

**Survey of 3 Port Facilities, Poplar Island, Hart Miller Island and Cox Creek, Miscellaneous Engineering Services Contract, MD.** *Maryland Port Administration.* Project Manager. Under this open-end contract, JMT has performed engineering, topographic surveys, boundary surveys, right-of-way surveys, hydrographic surveys, metes and bounds descriptions, aerial photogrammetry, GPS Control Surveys, surveys to establish the mean high-water line, subsurface utility engineering, ground penetrating radar, surveys of submerged or filled lands. Task #24: Poplar Island, Hart Miller Island & Cox Creek: JMT was tasked with establishing survey control, both horizontal and vertical, tied to the Maryland State Plane Coordinate System on each facility using GPS and conventional methods. After establishment and observation, data would be post processed and submitted for inclusion to NGS's National Spatial Reference System (NSRS). After extensive research, aerial photogrammetry and ground surveys, JMT computed the new boundary land areas of each facility since large amounts of dredge spoils have been used to increase the size of each facility over the past 20 years. This took significant coordination with the US Army Corp of Engineers, Maryland Port Administration and several private contractors. A final boundary plan with area calculations from the filled land areas were calculated and reported. The final plans included all parts of the survey showing up to date mapping and boundary of the newly formed land masses, GPS Survey Control points found or established, and the average high-water line determination.



# Edward Stepaniak

## SURVEY

### Education

AutoCAD, Indian River Community College, Vero Beach, FL, 2006

Bayside High School, Virginia Beach, VA, 1984

### TIN #

S31523666

### Years of Experience

35

### Relevant Capabilities

- Asphalt Paving L1
- Earthwork L1
- ACI Field Testing Tech L1
- FDOT Concrete Field Tech L1
- Final Estimates L1
- Nuclear Radiation Safety
- Intermediate MOT
- Stormwater Erosion and Sedimentation Control Inspector
- Critical Structures
- Auger Cast Piles
- MSE Wall
- HAZMAT
- Silica Training
- OSHA 8-Hr. Permit-Required Confined Space Entry Course
- Introduction to Real Time Surveying Course
- CPR and First Aid
- AutoCAD
- CSX Roadway Worker Protection
- Airfield Driving
- Tower Communications
- Management Training Data Collectors
- Total Stations
- Gas Meters
- TDS, SMI, and Carlson Software
- Certified in GPS (Trimble, Thales and Topcon)
- FNGLA Landscape Technician (pending)

With 35 years of land and heavy construction surveying, roadway, and bridge CEI experience, Mr. Stepaniak is very knowledgeable of the principles, practices, and procedures of ALTA surveys, topographic and boundary surveys, field engineering, construction layout, and inspection. He is mindful of safety and security procedures including proper use of equipment and materials. During his 19 years as a Survey Party Chief, his capabilities include making and checking survey computations; supervising a survey party; problem-solving skills related to land surveying and roadway construction activities; collaboration and management skills and excellent communication skills in working with FDOT, local agencies and the private sector. He is also skilled in prioritizing and planning work activities, efficient time management and delineating goals and objectives for tasks at hand. His survey experience is a huge asset to the Team when performing Inspection duties.

**Jan. '22 – Present: CEI Services for the Reconstruction of Port St. Lucie Blvd. from Darwin to Alcantarra, St. Lucie County, FL** (Contract No. CAF67; FM No. 431752-6-62-01). FDOT District 4 (Johnson, Mirmiran & Thompson, Inc) Inspector. This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway on a critical north-south corridor of southern Port St. Lucie. The project includes full roadway reconstruction and widening, concrete (sidewalk, driveway, curb and gutter, and textured), earthwork construction for a new pond and ditch excavation, a new closed drainage system, extensive utility relocations including water/wastewater, lighting, new signalization, landscaping & irrigation, etc. Construction Value - \$11.5M; Duration – 709 days. Reference: Mark Freeman, Treasure Coast Operations Project Manager, (772) 429-4904.

**Jan. '22 – Present: CEI Services for St. Lucie West Blvd. at SR-9/I-95 from Champions Way to Peacock Blvd., St. Lucie County, FL** (Contract No. CAF67; FM No. 435337-1-52-01). FDOT District 4 (Johnson, Mirmiran & Thompson, Inc) Inspector. The project consists of widening St. Lucie West Blvd. at the I-95 interchange from Champions Way to Peacock Blvd. A new eastbound roadway and bridge over I-95 will be constructed, and the I-95 ramps will be reconstructed to increase capacity and alleviate traffic congestion. Additional work includes roadway reconstruction, milling, resurfacing and widening, earthwork, drainage, concrete sidewalk, curb and gutter, bridge construction, retaining walls, 7' buffered big lanes in each direction, lighting, signalization, landscaping, utility relocations, signage and pavement markings. Construction Value - \$15.5M; Duration – 588 days. Reference: Marla Hewson, Treasure Coast Operations Project Manager, (772) 349-6728.

**Aug. 2016 – Nov. '22: CEI Services for the Reconstruction of Midway Rd (CR-712) from west of 25<sup>th</sup> Street to east of US-1, St. Lucie County (C9P82, FM No. 23144026201), FDOT District 4 (Johnson, Mirmiran & Thompson, Inc.) Inspector's Aide.** This project entailed CEI services for congestion relief on a major St. Lucie County East-West evacuation corridor. This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway, realignment of the White City Park entrance, and numerous side street improvements. It also included full bridge replacement with Florida I-beams and cast-in-place bridge deck, retaining walls, new signalized intersections with drilled shafts, major utility improvements, new street lighting, landscaping, irrigation, etc. Mr. Stepaniak assisted in acquiring signed license agreements; meeting with property owners, performing reviews of miscellaneous commitments provided in project legal documents; continually providing FDOT with updated R/W maps noting procured license agreements; assisting with utility relocation inspections including survey verification of pole stake locations; performing plan reviews and attending design, R/W, and various other project meetings. He was also in charge of performing weekly site surveys to resolve design discrepancies, verify drainage features including ponds, ditches, control structures, etc., environmental inspections, and concrete flatwork. Approximate

*Construction Contract Value - \$31,000,000; Duration – 1,690 days. Reference: John Spivey, Treasure Coast Operations Project Manager, (772) 429-4868.*

**January 2008 – April 2016: Community Asphalt/OHL, Vero Beach, FL Survey Party Chief.** Mr. Stepaniak was involved in the road/highway construction layout. He was also responsible for the coordination of subcontractors and on-site construction activities, plan and field calculations and performed plans and constructability reviews. **Reference: Jim McGibbon (772) 316-1746**

***Mr. Stepaniak worked on the following projects as a Survey Party Chief:***

**I-95 - Indian River County, FL:** Project entailed: Roadway widening, replacement of the existing CR-512 interchange bridges, major and minor drainage installation, sound barrier walls, utility relocation including directional bores, signalization, lighting, ITS, landscaping, signing and pavement markings including cantilever signs and thermoplastic.

**U.S.-1 - Indian River County, FL:** Project entailed: Roadway widening with a new bridge over CSX Railway, installation of minor and major drainage, drainage swales, site retention ponds, sidewalks, sound barrier wall and signalization.

**U.S.-192 - Brevard County, FL:** Project entailed: Roadway milling and resurfacing including resurfacing of the existing bridge over the Indian River, utility relocation including lighting, ITS, signing and pavement markings, thermoplastic, sidewalks and driveway aprons.

**SR-520 - Brevard County, FL:** Project entailed: Roadway milling and resurfacing, minor drainage installation, utility relocation including signalization, lighting, ITS, landscaping, signing and pavement markings including cantilever signs and thermoplastic.

**Palm Bay Parkway - Brevard County, FL:** Project entailed new roadway development with bridge over C-1 Canal, installation of minor and major drainage, drainage swales, site retention ponds, signing, pavement markings and sidewalks.

**Florida Turnpike Service Plaza - Fort Drum, Canoe Creek and Turkey Lake, location:** Project entailed: Plaza redevelopment with new fuel storage facilities with fuel islands; truck parking with electrical connections; new restaurant facilities; installation of minor and major drainage, site retention ponds, new water and sewer installation with treatment facilities; ITS, lighting, signing and pavement markings and sidewalks.

**Patrick Air Force Base - Brevard County, FL:** Project entailed: Runway widening and milling and resurfacing of existing runway; installation of new pavement markings and lighting and Tower communication and airport safety.

**U.S.-1 at Pineda Causeway - Brevard County, FL:** Project entailed: Roadway milling and resurfacing, installation of minor drainage structures and pavement markings.

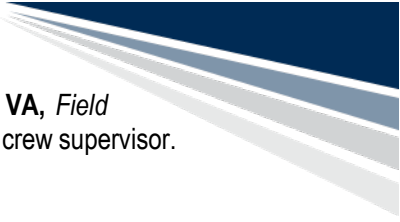
**I-95 - Brevard County, FL:** Project entailed: Roadway widening with replacement of the interchange bridges at US-192, Eau Gallie Blvd., Wickham Rd. and Bridge over Lake Washington Rd.; construction of a new interchange at Pineda Causeway; installation of major and minor drainage installation, sound barrier walls, utility relocation including directional bores, jack and bores, sound barrier wall, signalization, lighting, ITS, landscaping, signing and pavement markings including cantilever signs and thermoplastic.

**Palm Bay Road - Brevard County, FL:** Project entailed: Roadway widening, replacement of the existing US-192 interchange bridges, major and minor drainage installation, sound barrier walls, utility relocation including directional bores, signalization, lighting, ITS, landscaping, signing and pavement markings including cantilever signs and thermoplastic.

**Indian River Blvd. - Indian River County, FL:** Project entailed: Roadway widening with milling and resurfacing existing roadway, major and minor drainage installation, utility relocation including directional bores, signalization, lighting, ITS, landscaping, signing and pavement markings including cantilever signs and thermoplastic.

**May 2006 – December 2007: Indian River Survey, Inc., Vero Beach, FL, Survey Party Chief.** Mr. Stepaniak provided boundary and topographic surveys, and construction layout. **Reference: Aaron Bowels (772) 569-7880**

**February 2006 – May 2006: Burdette & Associates, Inc., Vero Beach, Survey Party Chief.** Mr. Stepaniak provided roadway topographic surveys and GPS.



**July 2005 – February 2006: E.V. Williams, Inc. Engineering, Inc., Virginia Beach, VA, Field Surveyor.** Mr. Stepaniak provided highway construction layout and performed as the road crew supervisor.  
**Reference: Dennis Miller (757) 420-1140**

**March 2005 – July 2005: Houston, Schulke, Bittle & Stoddard, Vero Beach, FL, Survey Party Chief.** Mr. Stepaniak provided boundary and topographic surveys, and GPS. **Reference: Stewart Houston (772) 794-1213**

**June 1997 – March 2005: Kimley-Horn & Associates, Inc., Vero Beach, FL, Survey Party Chief.** Mr. Stepaniak provided boundary and topographic surveys, construction layout, ALTA surveys, and GPS. **Reference: Chris Demeter (772) 794-4100**

**1986 – June 1997: Various, Florida and Virginia, Survey Party Chief, Survey Party Chief Jr., Instrument Operator, Rodman, Chainman.** Mr. Stepaniak's responsibilities in these various positions included: drainage and site development topographic surveys; mortgage surveys; boundary surveys; construction layout; state highway right-of-way locations; sanitary and storm sewer drainage studies; confined space entry; mechanical drafting and operation of total stations, transits, electronic distance meters and levels.

# Richard Dovey

DRONE TECHNOLOGY

## Education

St. Lucie West Centennial High School, Florida, 2005

## TIN #

D10074187

## Years of Experience

15

## Training & Certifications

- Final Estimates L1 & L2
- Earthwork L1 & L2
- Asphalt Paving L1 & L2
- FDOT Concrete Field Tech L1 & L2
- FDOT Drilled Shaft Inspection
- FDOT Pile Driving
- Nuclear Radiation Safety
- Stormwater Erosion and Sedimentation Control Inspector
- Intermediate MOT
- HAZMAT
- Critical Structures
- MSE Wall Inspector - CBT
- Auger Cast Piles - CBT
- CSX Worker Safety Course
- FEC Safety Certification
- TRACK Security Course
- IMSA Traffic Signal Inspector L1
- Site Manager
- OSHA 1 Hr. Fall Protection
- ACI Field Testing 1
- ACI Concrete Transportation Inspection (CTCI) L2
- Radiation Safety Certificate
- UAS Pilot (Drone Support)

Mr. Dovey is a qualified Senior Roadway and Bridge Inspector with more than 15 years of experience providing inspection duties for FDOT Treasure Coast Operations in District 4. He has proficient knowledge in MOT, Asphalt, Earthwork, Structures, Drilled Shaft, Pile Driving, Drainage, Guardrail, Signalization, Lighting, Pavement Markings, Signage, and Environmental inspection as well as Final Estimates and Materials Certification Preparation. He has prior experience in performing QC testing on various private, County and FDOT projects which helps to promote a unique rapport and a teamwork atmosphere with the Contractor's staff.

Mr. Dovey is well versed in FDOT Contract Documents and Plans and FDOT programs including, PrC, MAC, Virtual-In-Box, etc. He possesses strong communication skills, a great work ethic, goes above and beyond, takes ownership of the project and continually reviews upcoming Contractor's activities to ensure that all work will be covered. He enforces quality in the field, and addresses items of concern with the Contractor, Project Administrator, and Contract Support Specialist. Mr. Dovey is responsible, accountable, and enthusiastic in performing his tasks and takes ownership of the field. He continually exceeds JMT's expectations in his desire to learn and achieve professional knowledge and growth and has been key in the successful completion of the Team's projects.

**Mar. '22 – Present: CEI Services for the Reconstruction of Port St. Lucie Blvd. from Darwin to Alcantarra, St. Lucie County, FL (Contract No. CAF67; FM No. 431752-6-62-01).** FDOT District 4. Sr. Inspector. This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway on a critical north-south corridor of southern Port St. Lucie. The project includes full roadway reconstruction and widening, concrete (sidewalk, driveway, curb and gutter, and textured), earthwork construction for a new pond and ditch excavation, a new closed drainage system, extensive utility relocations including water/wastewater, lighting, new signalization, landscaping & irrigation, etc. *Construction Value - \$11.5M; Duration – 709 days.* **Reference: Mark Freeman, Treasure Coast Operations Project Manager, (772) 429-4904.**

**Aug. '20 – Mar. '22: Continuing Services for CEI with Treasure Coast Operations (CA850; FM No. 433735-1-62-01), Indian River, St. Lucie, and Martin County, FL, FDOT District 4.** Sr. Inspector. Mr. Dovey worked on numerous hybrid contracts with the Operations Center, including the Gatlin Park & Ride Improvements, Britt Rd. Improvements, Grey Twig, Regency Dunes, CR-512, Dixie Highway, etc. Project improvements included striping, signage, mast arms, interconnect improvements, asphalt paving operations, driveway reconstruction, sidewalk improvements, etc. *Approximate CEI Contract Value - \$5,000,000; Duration – 1,825 days.* **Reference: Kristy Keeler, FDOT PM (772) 429-4895.**

**Oct. '21 – Mar. '22: CEI Services for Glades Cut-off Rd., St. Lucie County, FL.** Sr. Inspector. The multiphase project consisted of milling and resurfacing of 1" asphalt, Cold-in-Place paving with 2" structural asphalt and the installation of various width safety edges over approximately 20+ lane miles. Project also included standard paint striping and miscellaneous grading. *Approximate Construction Value - \$3.0M; Duration – 150 Days.* **Reference: Shannon Mieras, St. Lucie County Project Manager, (772) 462-2813.**

**Feb. '21 – Apr. '21: CEI Services for North Bridge Aluminum Test Panel, St. Lucie County, FL.** Sr. Inspector. The project consisted of cut and removal of degraded steel grate on the

western portion of the bascule bridge on A1A over the Intercoastal Waterway in Ft. Pierce, FL. New connections were installed on the existing structure and an aluminum test panel with a skid resistant surface were installed to reduce saltwater degradation. *Approximate Construction Value- \$200K; Duration – 60 Days.* **Reference: Jose Kandarappallil, PE, Treasure Coast Operations Project Manager, (772) 519-2348.**

**Oct. '20 – Feb. '21: 17<sup>th</sup> Street Bridge Repair, Indian River County, FL. (C9M72; FM No. 443135-1-62-01) FDOT District 4.** Senior Inspector. This project includes building a temporary diversion along both EB and WB bridge approaches in multiple phases to jack bridge deck at spans 58 and 59 and repair beam spalls, delamination, and broken strands due to excessive corrosion. Mr. Dovey's responsibilities include inspection and tracking of all Contract work, quantity tracking, large multiple traffic shifts oversight and

documentation/reporting of all project activities. **Reference: Kris Kehres, PE, FDOT – Treasure Coast Operations Maintenance Engineer, (772) 519-8443.**

**Jun. '20 – Jul. '20: Emergency Roosevelt Bridge Repair (C9M72; FM No. 447687-1-61-01), Martin County, FL.**

*FDOT District 4.* Senior Inspector. This project required an immediate shift of traffic from dual bridges onto a single bridge in both directions as well as a diversion on NW Dixie HWY below the deficient Bridge Span. The project included removal of existing roadway and median to build a diversion along the Southern and Northern Approach of the Roosevelt bridge as well as hauling in fill to build a Diversion below the Roosevelt on NW Dixie HWY. Mr. Dovey's responsibilities included Monitoring and tracking all quantities for payment, tracking Embankment delivery (CY), communication with Utility owners for delivery/Pickup of temporary removed utilities to perform shift, Asphalt reports, progress photos and assisting in several design changes in a short time frame. **Reference: John Spivey, FDOT PM, (772) 429-4868.**

**Apr. '20 – Dec. '20: Hurricane Irma Lighting Replacement (C9M72; FM No(s). 443135-1-52-01 & 443223-1-52-01), Indian River, FL and Martin County, FL.** *FDOT District 4.* Senior Inspector. Mr. Dovey's responsibilities include monitoring the contractor's progress and quality of work. Check survey control baselines, inspect materials, perform sampling and testing of component materials and completed work. **Reference: David Brackin, FDOT PM, (772) 321-1351.**

**Jun. '19 – Apr. '20: SR-732/Jensen Beach Blvd. from US-1/SR-5 to Savannah Rd. (CA308; FM No. 432348-1-62-01), Martin County, FL.** *FDOT District 4.* Senior Inspector. This project included widening to accommodate new bike lanes as well as milling and resurfacing of all travel lanes and turn lanes. Other project improvements consisted of sidewalk and pedestrian ramp upgrades, upgrading signing and pavement markings, new signalization and intersection lighting, drainage, and pedestrian upgrades. Mr. Dovey performed as the Senior Inspector, responsible for oversight of mainly paving operations and nighttime activities. **Reference: Mark Freeman, FDOT PM, (772) 429-4904.**

**Nov. '16 – Jun. '19: CEI Services for the Reconstruction of Midway Rd (CR-712) from west of 25th Street to east of US-1 (C9P82; FM No. 231440-2-62-01), St. Lucie County, FL.** *FDOT District 4. FM No. 23144026201.* Senior Inspector. As Senior Inspector on the project, Mr. Dovey managed the field inspection staff, oversaw all Contractor operations, including drainage, earthwork, bridge construction, concrete flatwork, signalization, lighting, MOT shifts, materials tracking, and paving operations. **Reference: John Spivey, FDOT PM (772) 429-4868.**

**Mar. '13 – Nov. '16: I-95 from SR 60/Osceola Blvd. to Brevard County Line, Indian River County, FL (C9605).** *FDOT District 4 Sr.* Inspector. Mr. Dovey co-managed all field operations for this project. He oversaw the CEI field staff, scheduled their hours, reviewed upcoming activities with them and provided guidance as they performed their inspection duties. His support in managing CEI staff and coordination with the Contractor on project testing, documentation and quality construction expectations were integral to the overall field control of materials including excellent IA reviews of the Density Log Books, allowing efficient finalization of Asphalt Lot Packages, and effective LIMS maintenance. **Reference: Katherine Kehres, P.E., Treasure Coast Operations Construction Engineer, (772) 519-8277.**

**Jan.'12 – Mar. '13: Treasure Coast Operations General Assign (Multiple Projects), Martin County, FL (C9375; FM No. 229964-9-62-01).** *FDOT District 4 Sr.* Inspector. Mr. Dovey provided inspection services on a milling and resurfacing project along SR-A1A from east of St. Lucie River Bridge to west of Sewall's Point Bridge (FM No. 424639-1). Construction value of \$1.4M. **Reference: Katherine Kehres, PE, TCO PM (772) 519-8277 or (772) 429-4889.**

**Feb. '10 – Jan. '12: SR 70 Segment 3 from east of Summerlin Road to east of Bridge # 940113, St. Lucie County, FL (C8H20).** *FDOT District 4.* Inspector. This \$12.4M project consisted of the reconstruction of 4.3 miles of SR 70 from a 2-lane undivided to a 4-lane divided rural roadway from a point east of Summerlin Road westerly to a point east of bridge number 940113. Contract Amount: \$3.7M; Construction Cost: \$12.4M. **Reference: ChloAnn Lawrence, FDOT PM (772) 429-4866.**

**Feb. '10 – Apr. '10: SR 70 Segment 5, from West of Header Canal Road to McCarty Road, and Shared Use Path Construction to the Turnpike (approx. 7 miles), St. Lucie County, FL (C8H20).** *FDOT District 4.* Inspector. Duties included assisting in monitoring the contractors' activities such as drainage installation, asphalt operations, roadway reconstruction, bridge works, and pavement removal, concrete placement, structural concrete testing and placement, monitoring canal relocation activities, guardrail installation, handrail installation for sidewalk and pedestrian bridge, loop installation for traffic counters, striping operations, truncated domes installation and monitoring the placement of both temporary and permanent MOT devices. Construction Cost: \$29M. **Reference: ChloAnn Lawrence, FDOT PM (772) 429-4866.**

**Dec. '08 – Feb. '10: Various Quality Control Projects in Districts 4 & 6, FL. (C9W02).** Inspector's Aide. Mr. Dovey performed earthwork, asphalt and concrete inspections on various Quality Control projects throughout Districts 4 & 6. **References: Rick Sheltra, Sheltra & Son (722) 260-6961; Andy Gonzalez, Weekley Asphalt Paving, Inc. (954) 444-1057.**



## **Key Qualifications**

David P. Andre has more than 30 years of experience in the Geotechnical Engineering, Materials Testing and Environmental Consulting field. David gained extensive and varied experience during his employment with an international Geotechnical and Environmental Consulting firm (Ardaman & Associates, Inc.), where he was Branch Manager for operations in the St. Lucie County office from 2000 to 2006. In addition to managing a staff of 20 engineers, environmental scientists, field and laboratory technicians and administrative personnel, David was responsible for all regional environmental and geotechnical engineering projects as well as construction materials testing services, and oversaw all office operations, including proposal preparation, report review (signing and sealing), and the management of continuous service contracts. David then co-founded Andersen Andre Consulting Engineers, Inc. (AAACE) in 2006 and currently serves as President and Principal Engineer.

## **Project Experience**

David has served as Project Engineer for the development of recommendations for site preparation and foundation design for projects throughout Southeast Florida including numerous publicly and privately owned structures, bridges, utility installations, STAs and more. David has also been AAACE's Project Manager for hundreds of Construction Materials Testing projects, ranging from small commercial developments to complex transportation projects lasting 1-4 years. Throughout his career, including during periods of previous employment, he has served as senior geotechnical consultant on numerous roadways, utility installations governmental buildings and other projects, including the following:

- City of Port St. Lucie Master Contract for Geotechnical Engineering and Construction Materials Testing  
David has managed hundreds City of Port St. Lucie projects for the last 23 years, including being the Project Manager for AAACE's continuing service contract with the City (most recently awarded in 2019). As such, he routinely provides geotechnical engineering consulting services to numerous departments with the City, including Engineering, Utility Services and Public Works. Also, David is responsible for staffing all City projects with experienced and capable engineering and technical staff.
- Martin County Continuing Service Contract for Geotechnical Engineering and Materials Testing  
David is AAACE's Contract Manager for this ongoing contract with Martin County first awarded in 2012. As such, he routinely provides geotechnical engineering consulting services to numerous departments with the County, including Engineering, General Services and Public Works. Projects that David has managed for the County include the design and construction of STAs, roadways, governmental buildings and utility installations.
- Okeechobee County Continuing Service Contract for Geotechnical Engineering and Materials Testing  
David is AAACE's Contract Manager for this ongoing contract with Okeechobee County first awarded in 2008. He routinely provides geotechnical engineering consulting services to numerous departments with the County, including Engineering, Capital Improvement and Road & Bridge. Projects that David has managed for the County include the design and construction of STAs, roadways, parks, boat ramps, governmental buildings and utility installations.
- Indian River County Continuing Service Contract for Geotechnical Engineering and Materials Testing  
David is AAACE's Contract Manager for this ongoing contract with Indian River County awarded in 2014. As such, he routinely provides geotechnical engineering consulting services to numerous departments with the County, including Engineering and Public Works. Projects have included drainage retrofits and culverts, STAs, intersection improvements and minor bridges.
- St. Lucie County Continuing Service Contract for Geotechnical Engineering and Materials Testing  
David is AAACE's Contract Manager for this ongoing contract with St. Lucie County awarded in 2016. David has provided Geotechnical Engineering and testing services to St. Lucie County on numerous projects throughout his 23-year career on the Treasure Coast, including roadways, culvert replacement projects, drainage design projects, bridges, STAs and governmental buildings.

- Port St. Lucie Utility Service Department - City-Wide Water Main Replacement Project  
David was AACE's Project Manager relative to Geotechnical Engineering and consulting as well as density testing of the City of Port St. Lucie's replacement of 45 miles of water main. AACE representatives worked closely with the City's Utility Department, the City's EOR and the contractor, including a full-time presence during road crossings for a period of nearly 2 years, 2011 to 2013.
- Selvitz and Glades Cut-Off Roads Intersection Improvements, St. Lucie County, Florida  
AACE performed a subsurface soil exploration and geotechnical engineering analyses for this intersection improvement project in Fort Pierce, St. Lucie County. AACE performed SPT borings and provided Geotechnical Engineering recommendations relative to the installation of mast-arm signal foundations (drilled shafts), performed roadway coring to report existing pavement components and thicknesses, and conducted roadway auger borings to explore for the presence of deleterious soils in proposed shoulders and turn lanes.
- Community Boulevard Lake Explorations (Borrow/Fill Study), St. Lucie County  
David was the geotechnical Project Manager for subsurface explorations relative to the excavation of several lakes (ranging in size from 1 acre to 8 acres) along the proposed Community Boulevard alignment in Port St. Lucie. He coordinated the performance of 20+ SPT borings within the planned lakes to explore the suitability of the soil for use as roadway embankment. He also coordinated a comprehensive laboratory testing program of borrow soils, including LBRs, Atterberg Limits, percent-fines, Proctor testing, etc.
- S.R. 76 (Kanner Highway) and Interstate 94 Interchange, Martin County (2015-2017) - FIN 429786-1-58-01  
David was AACE's project manager (QC) during construction materials testing associated with interchange improvements at SR76 (Kanner Highway) and Interstate 95 from 2015 and through 2017. Services that AACE provided included density testing for roadway widening and drainage installations, sheet pile installation monitoring, paving and drilled shaft inspections, vibration monitoring and concrete testing.

## Education

- Bachelor of Science, Environmental Engineering, University of Florida, 1993
- Post Graduate Geotechnical Engineering Courses, University of Central Florida, 1997

## Professional Registrations

- Professional Engineer, State of Florida Registration No. 53969

## Professional Affiliations

- Health and Safety Training for Hazardous Waste Activities, 40-Hour OSHA Certified Training Course
- 3-Day Hydrogeology Conference: Field Techniques to Florida's Groundwater Investigations; University of Florida's TREEO Center (1995)
- Member - Florida Engineering Society (1995 to Present)
- Treasure Coast Chapter Young Engineer of the Year (2002)
- Treasure Coast Chapter Engineer of the Year (2006)
- Chapter Secretary (2002)
- Chapter Vice President (2003-2004)
- Chapter President (2005)
- Chapter State Director (2008-2011)
- Chapter Engineering Leadership Committee Chair (2008 to 2010)
- Member - National Society of Professional Engineers (1995 to Present)
- American Society of Civil Engineers (1995 to Present)
- Member - Florida Institute of Consulting Engineers - FICE - (1998 to Present)
- Membership Services Committee Member (2003 to 2005)
- Professional Practices Committee Chairman (2005 to 2008)
- FICE/FES Inaugural LEADERSHIP Class (2003-2004)



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## **Key Qualifications**

Peter G. Andersen has more than 27 years of experience in the Geotechnical Engineering and Materials Testing field, including more than 15 years with AACE. Peter worked at an international Geotechnical and Environmental Consulting firm from 1997 through 2006 (Ardaman & Associates, Inc.) where he served as Project Engineer for the development of recommendations for site preparation and foundation design for projects throughout South Florida and outside of the United States including numerous low- and high-rise structures, bridges, piers, buried structures, transmission towers, silos, roadways, drainage structures, off-shore mooring facilities, seawalls, retaining walls, anchoring systems, excavation bracings, underpinning measures, dams and levees. From 2002 through 2006, he served as Senior Project Engineer and Assistant Branch Manager where in addition to the above listed responsibilities, he was in charge of planning and supervision of field and laboratory geotechnical exploration programs for both public and private sector clients. Currently, Peter serves as the Vice President and Principal Geotechnical Engineer for Andersen Andre Consulting Engineers, Inc.

## **Project Experience**

Aside from traditional geotechnical projects, Peter has worked on several industrial projects, power-generating facilities, state mandated land condemnation projects on properties bordering the Everglades Stormwater Treatment Areas (STA's), performed quarry (ore) assessment studies, wetland mitigation projects, environmental assessments, and worked on forensic structural investigations using destructive and non-destructive testing techniques. Additionally, Peter has performed structural inspections of reinforcing steel and prestressed structural members (single/double keyway decks, piles, etc.). Below are summaries of a few representative projects.

- Village Parkway, from Becker Road to Tradition Parkway, St. Lucie County, Florida (Engineering Dept.)  
AACE was retained by the City of Port St. Lucie to perform subsurface explorations and inspection/materials testing services during the construction of this proposed 6-lane, 4-mile roadway and associated utility improvements. Peter coordinated the performance of over 100 hand auger borings for the proposed roadways, and numerous SPT borings for proposed mast arm signal poles and retention ponds. Due to the presence of shallow and variable, compressible clay soils combined with the significant quantity of embankment needed to raise the roadway to grade, settlement calculations revealed the potential for significant roadway settlements. Therefore, Peter designed and implemented a surcharge program for the project that was designed to address selected portions of the corridor. During the project, Peter coordinated significant laboratory testing of soil samples (Atterberg Limits, sieve analysis, hydrometer testing, etc.) to ensure the most practical and economical solution to potential settlements.
- Rosser Boulevard, from Aledo Lane to Gatlin Boulevard, St. Lucie County, Florida (Engineering Dept.)  
Peter was the Project Manager for the roadway soil survey performed for this 0.5+ mile roadway in Port St. Lucie. Peter's coordinated the performance of numerous auger borings as well as SPT borings relative to the design of mast arm signal pole foundations and retention areas. Additionally, due to the reported presence of buried debris beneath the existing roadway, Peter coordinated a roadway coring program to explore for deleterious materials that may have been buried during original roadway construction. Peter coordinated laboratory testing of the roadway soils, including LBRs for pavement design, sieve analyses, organic content testing and Atterberg Limits testing of clayey soils.
- Tradition Medical Center (9-Story Hospital), Port St. Lucie, Florida  
Peter is AACE's Project Manger for the Geotechnical Engineering evaluation of this proposed hospital site in Port St. Lucie. Peter coordinated the performance of numerous SPT borings to evaluate the suitability of the site's soils to support the 9-story hospital structure, 4-story parking garage and numerous ancillary site features. Due to the presence of very loose silty soils and the associated risk of excessive settlements, a recommendation of Vibro Replacement Technique (VRT, or "stone columns") was made. Peter assisted the Owner in interviewing VRT contractors and is currently monitoring the VRT for adherence to the projects specifications and the relative effectiveness of the treatment.



- Eastern Watershed Improvement Project (EWIP), Port St. Lucie, Florida (Engineering Dept.)  
Peter was AACE's Project Manager relative to this project intended to relieve flooding in eastern Port St. Lucie. He coordinated subsurface soil explorations within 17 areas in eastern PSL and explored soil and groundwater conditions at each location. He also performed test pits relative to buried debris, coordinated clearing for drill rig access, installed piezometers to determine localized hydraulic gradients and sampled soil for the presence of heavy metals and other contaminants. Once AACE field explorations were performed, Peter prepared a comprehensive geotechnical engineering evaluation of soils and groundwater conditions for use by the City and their drainage consultant.
- Rangeline Water Main Installation (Utility Services Dept.):  
Peter was the Project Manager for Geotechnical Engineering services during the City's in-house design of the 26,000 l.f. water main project, from the Tradition Re-Use Plant to the Martin County Corrections Facility. As such, Peter had over 50 soil borings performed to explore water levels and the relative suitability of the soils for use as pipe bedding and trench backfill. He also performed SPT borings at the C-23 Canal to explore the depth of cap-rock as it relates to the directional drilling installation of the water main. Lastly, he coordinated a laboratory testing program of the soils relative to their corrosion potential for the pipe.
- Sunset Beach PUD Access Bridge, St. Lucie County, Florida  
This project consisted of designing a vehicular bridge leading from Highway A1A to the east over Middle Cove. Peter served as the Geotechnical Engineer of Record during the design of the replacement bridge, and coordinated a field and laboratory testing program that included the performance of SPT borings, after which multiple pile driving scenarios were provided for design consideration.
- Melody Lane Fishing Pier, City of Fort Pierce, Florida  
Peter was the Geotechnical Engineer of Record for this project, which included the performance of barge-mounted SPT drilling for the design of a 400-foot fishing pier leading into the Indian River in Fort Pierce.

### Education

- Master of Engineering in Geotechnical Engineering, University of Florida, 1997
- Bachelor of Science in Civil/Structural Engineering, Technical University of Denmark, 1995

### Professional Registrations

- Professional Engineer, State of Florida Registration No. 57956

### Professional Affiliations

- Florida Engineering Society
- Danish Engineering Society
- National Society of Professional Engineers
- Florida Institute of Consulting Engineers
- Geotechnical and Materials Engineering Council, Past Chair 2007-2008

### City of Residence

- Jupiter, Palm Beach County, Florida



### 3 | Methodology / Approach



## Tab 3 | Methodology / Approach

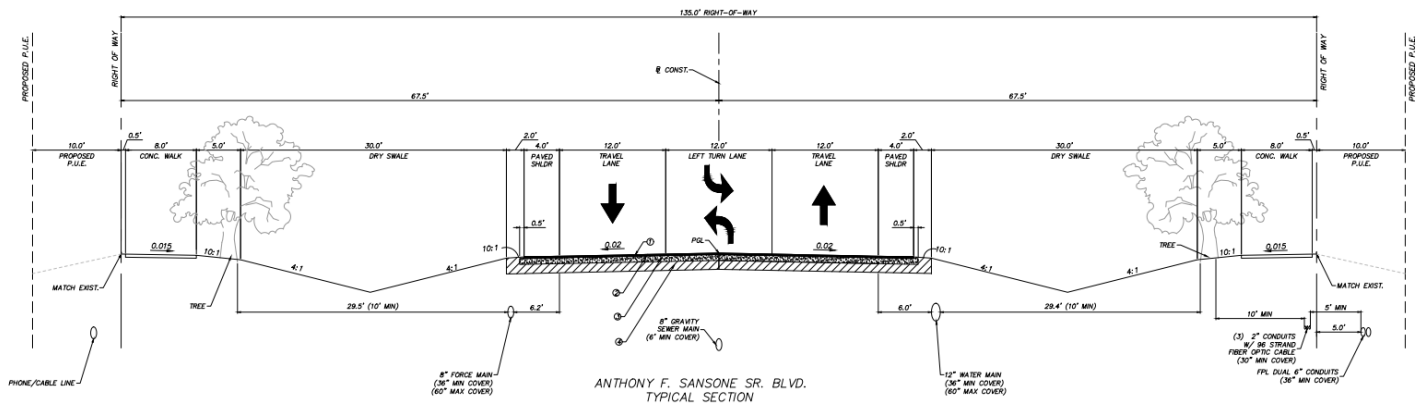
**3.1 INTENT AND SCOPE** | Having a firm understanding of project intent and scope and establishing a plan to ensure success is the critical first step when starting a project like the extension of Anthony F. Sansone Sr. Boulevard in the Tradition Park corridor. The JMT Team has the experience to properly approach and manage the project to complete the scope and receive funding reimbursement from the Department of Economic Opportunity (DEO) as required by the Florida Job Growth Infrastructure Grant Agreement (G0072).

**HISTORY AND INTENT OF PROJECT:** The intent of this project is to construct an extension of the existing Anthony F. Sansone Sr. Blvd. from the existing northern termination point at SW Parr Dr. (Sta. 150+11) northerly to the proposed SW St. Louis Dr. (Sta. 178+94) along with constructing SW St. Louis Dr. from Village Parkway to Anthony F. Sansone Sr. Blvd. Per the current plans, this section of road is part of Phase 3 of Anthony F. Sansone Sr. Blvd. and is broken into two separate sub-phases that adjoin just north of the SW St. Louis Dr. intersection. The DEO has provided funding through an Infrastructure Grant Agreement (G0072) in the amount of \$3.5M to help expand the commercial development within this corridor (Southern Grove). The construction of this roadway extension will provide access to over 120 acres of industrial property for future warehouse distribution and commercial development. This portion of Southern Grove is referred to as Legacy Distribution Park and already has nationally recognized tenants in the form of FedEx, Cheney Brothers, Amazon, Project Apron, and Project Green. The expansion of Anthony F. Sansone Sr. Blvd. is critical in generating additional jobs and opportunities within the most valuable manufacturing, logistics, and retail development areas of Port St. Lucie. Legacy Park is part of the overall Tradition Commerce Park development. The roadway is named Anthony F. Sansone Sr. to carry on the legacy of the Sansone Group's original founder, a full-service commercial real estate firm from St. Louis.

**SCOPE OF PROJECT:** The scope is considered full construction of this roadway extension from SW Parr Dr. to just north of the proposed SW St. Louis Dr. The typical section will be a two-lane, two-way roadway with a continuous bi-directional turn lane in the middle. The right of way is approximately 135' and is bordered on each side by proposed Utility Easements (PUE) for communication and buried electric. The corridor is primarily an open swale drainage system that flows into ditch bottom inlet structures (DBI's) and ultimately into four separate pond locations with an outfall into the Southern Grove CDD's stormwater infrastructure (Duda Canal) and, finally, SFWMD's C-23 Canal. The pavement section will consist of 12" of stabilized Type B subgrade, including shoulders, and Optional Base Group (OBG) 9. Asphalt will be 3" of SP-12.5 structural mix and 1.5" of FC-9.5 (Traffic Level C) friction course. This pavement section will be replicated for the SW St. Louis Dr. improvements.



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The project consists of standard clearing & grubbing, as well as extensive excavation (proposed lakes) and embankment for the new roadway section. The project is governed by SFWMD Permit No. 56-103157-P as the Southern Grove Conceptual Master Permit. The drainage consists of open swales, DBI's, partial gutter inlets, endwalls, mitered end sections, and various drainage culverts, ranging from 18" to 72" in diameter, and including Reinforced Concrete Pipe (RCP), Corrugated Aluminum Pipe (CAP), etc.

In addition to the stormwater system for the project, the water and wastewater improvements extend throughout the corridor and include a new 8" sanitary gravity main, 6" and 12" potable water mains, an 8" forcemain, and a new lift station with 15 Horsepower (HP) Flygt pumps (Model NP 3153). Additional valves, blow-offs, fittings, fire hydrants, and sanitary manholes complete the utility system. There are also (3) 2" Schedule 40 PVC conduits and 13" x24" pull/splice boxes that contain 96-strand fiber optic cable (FOC) running along the right of way for the length of the corridor as well as traversing the southern limits of SW St. Louis Drive and tying into existing FOC at Village Parkway, while also providing a connection point at the lift station.

Additional items to complete the project include the 4" thick concrete sidewalks with detectable warnings, concrete curbs (Type F and Header), rip rap rubble at the endwall/outfall locations, performance sod, root barriers, trees and mulch, an irrigation system, single post signs, thermoplastic paint, reflective pavement markings (RPM's), etc. This extension will closely resemble the previous phase projects to the south, aesthetically and functionally.

**ERFP SERVICES:** The services required under this eRFP are standard Construction Engineering Inspection and Geotechnical services. They include Constructability and Cost Savings Initiative (CSI) reviews; Pre-construction, Progress, and Coordination Meetings; Schedule and submittals review; coordination of testing, sampling, and materials acceptance; on-site inspection for conformance with contract documents, including photos, videos, and reports; tracking of pay items and payment processing; coordination with City Staff, PIO, landowners, etc.; direct field adjustments (not requiring EOR authorizations) and respond to RFI's; analyze Change Orders and prepare recommendations; perform substantial and final walk-throughs; review as-builts for completeness; review claims; coordinate with DEO regarding the grant agreement, and additional services to successfully deliver the project. JMT has the Team that is more than prepared to handle these services and provide any additional that the City requests.

**GRANT COMPLIANCE:** Grant compliance is a critical aspect of this project and one of the major reasons it's moving forward to construction at this juncture. Based on the Department of Economic Opportunity Florida Job Growth Infrastructure Grant Agreement (G0072), the City is receiving reimbursement funding of \$3.5M for work completed before June 2024. Our Team will work closely with the DEO Agreement Manager, Beth Frost, FCCM, to ensure the City remains in compliance throughout the life of the project, including the funding reimbursement phase. Any funds not obligated by June 30, 2024, shall be forfeited and shall revert back to DEO. This is a critical date that we will discuss below in our Scheduling section as it relates to anticipated invoice amounts through the 2<sup>nd</sup> Quarter of 2024. Prior to commencing construction, we will ensure Beth has a copy of the final signed and sealed design plans, signed and sealed specifications, and final bid documents. We will also work closely with the City to ensure the project commences within 60 days of the Notice to Proceed (NTP) as required by the agreement. Upon the City's 2023 Fiscal Year, we will coordinate with the City on the preparation of the Audit

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Compliance Certification as needed to support this project as well as the preparation of Quarterly reports and Minority and Service-Disabled Veteran Business Enterprise Reports. Our Team recently completed the Phase 4 McCarty Ranch Water Quality Restoration project, where we worked with the City to prepare similar submittals to satisfy the DEP grant requirements. We will also follow the strict guidelines upon Project Completion to ensure the DEO has all evidence required to comply with the grant agreement, including Notice of Completion and Engineer's Certification of Compliance, completed AIA Forms G702 and G703, project photographs, and a completed Invoice package. Our Team is also well aware of the \$55M in private investment capital that has been committed at the project location, and the certification of at least 1,800 new jobs that have/will be created as a result of the project. We fully understand the impacts of these grant requirements and will work closely with the DEO to ensure full reimbursement is made.

**UTILITY IMPROVEMENTS:** As mentioned above, utility improvements are a critical piece of this project. The construction of the lift station, gravity sewer main, force main, and water main will be a primary focus of the project and one of the first items to be constructed once clearing and grubbing occur and proper finish grades are established. We will work closely with the City and their designated inspector to ensure the proper testing and sampling occurs so the certification process isn't delayed. Having worked on this exact type of procedure with the City previously and on current projects will make those coordination efforts seamless. Our Team will be mindful of the Contractor's operations to not permit contamination into the system upon clearance, as well as to try and prevent re-testing by tracking Bacteriological sampling results and expiration thresholds. We will spearhead the lift station pump testing and wet well inspections to ensure all parts of the system are running as designed. We have developed a great working relationship with PSLUSD and will continue to do the same on this project, keeping them apprised of project progress every step of the way.

**3.2 MANAGEMENT PLAN** | A detailed Management Plan is essential for planning, organizing, scheduling, coordinating, and administering an infrastructure improvement project. At JMT, we have successfully delivered numerous projects to our clients over the years in the Treasure Coast region and have some proven tools for doing just that on this project.

**PROJECT COMMITMENTS:** An important aspect of a Management Plan is ensuring everyone has a common goal. In this case, it is completing the extension of Anthony F. Sansone Sr. Blvd. safely, on time, under budget, and in compliance with the DEO grant while still allowing the Contractor to be profitable and continue delivering high-quality projects to the tax-paying public. Once everyone understands the goal of the project, then delving into the details and understanding important project commitments is next. What may be important to one stakeholder may not mean anything to the next. Our Team does an excellent job of tracking these commitments and getting to know the stakeholders so we can balance project decisions and execute the deliverables, such as the Construction Completion Package as required by our contract with the City.

**COMMUNICATION & RESPONSIVENESS:** As simple as it sounds, having open and honest communication is the number one factor in successfully delivering a project of this magnitude. It takes all Team members in unison to handle project adversity and develop real-world solutions. The term Team is not just the CEI Staff, but it also includes the City, Contractor, and local stakeholders, including permitting agencies, business owners, and the traveling public. Our Team understands how to communicate and when and by what method. Sometimes it is important to pick up the phone and make a call to address an immediate concern, while other issues can be handled via email or text messaging. Understanding your audience is also critical in delivering the message. Fortunately for our staff, we have worked closely with the City on various projects, and we also have an excellent relationship with the local contractor firms that we anticipate bidding on the project. Those relationships help us reduce the learning curve of communication on a new project and move right into project details and issues.

**ENVIRONMENTAL PROTECTION & PUBLIC PRESERVATION:** One area that is extremely important to JMT is the preservation of the environment, especially turbidity and sediment control. This project traverses across "vacant", besides the current cattle herds, grove and cattle land and includes an extensive amount of excavation and embankment. These earthwork operations, in addition to the dewatering required for the drainage improvements and lift station installation, will undoubtedly require water discharges through the existing terrain and into the Duda Canal, which flows offsite to SFWMD's C-23 Canal. All efforts will be enforced to ensure that no unlawful offsite discharges are permitted. We will walk the corridor prior to construction and determine if any private impediments are evident within the discharge path that will affect proper and clean discharge. We like to perform this field investigation early on in the process to give our Team as much time as possible to find a satisfactory resolution. We will recommend splitting any pond construction in half so the Contractor has the ability to use half of a newly constructed pond for water storage, allowing the sediment to settle before discharging offsite. Our Team is also very



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experienced in permit review and close-out and has close relationships with the City of Port St. Lucie Utility Systems Department, South Florida Water Management District, and the Florida Department of Environmental Protection (FDEP). During construction, we will enforce turbidity monitoring requirements as well as record rain events and document potential weather days. We will request the Contractor's FDEP Notice of Intent (NOI) at the Pre-construction Meeting and will ensure the Notice of Termination (NOT) is filed by Final Acceptance. Coordination efforts with these agencies are critical in making sure everyone is aware of the project status and that all loose ends are resolved by Final Acceptance. We have already started reviewing the SFWMD Conceptual Permit 56-103157-P for project commitments and permit criteria.

**SAFETY:** Another area of extreme importance is the safety of the traveling public and workers involved with the project, including City staff, CEI staff, and visitors. We are very familiar with OSHA requirements and are not afraid to shut a project down for serious violations that could result in a fatality. We perform daily Maintenance of Traffic (MOT) "runs" checking device locations, condition, and effectiveness for both vehicular and pedestrian traffic. For this extension project, there shouldn't be any public traffic as the project will be constructed through the grove land with no access for non-project-related personnel. We enforce all forms of Personal Protection Equipment (PPE) while on-site to minimize liability and follow strict guidelines of the Contractor's Safety Team. Conditions can change quickly on a project site, and we educate and equip our staff to handle serious situations. We will ensure safety is discussed at every Progress Meeting and that the Contractor is proactive in informing the local community of upcoming traffic shifts and detours/shutdowns.

**SCHEDULE:** A big item that can lead to the success of a reconstruction project like this is a thorough and detailed baseline Critical Path Method (CPM) Schedule. We work very closely with the Contractor to create a realistic schedule at the onset of the project to use as a "Road Map" to completion. We coordinate with our field staff to track activity dates and ensure the schedule is updated accurately throughout the life of the job. This is where experience on these types of projects and having a Team with local knowledge of the area is a huge asset to successfully completing the project. The JMT Team was established to provide the guidance needed to assist the Contractor in getting off on the right foot for this project. We created a preliminary CPM Schedule (see Section 3.7) for the project based on our review of the plans, rough quantity calculations, logic sequencing, etc., to ensure the job could be completed within the 365 calendar days provided in the RFP. In addition, we also broke down a rough cost estimate per quarter (assuming a start date of September 2023), to ensure the grant spending requirements of \$3.50M by June 2024 could be achieved. It appears that the Contractor should be able to surpass that amount of project billing, leaving some flexibility in their operations without jeopardizing the funding reimbursement. We expect approximately \$8.68M to be invoiced by the end of June 2024.



**ISO STANDARD:** Our commitment to quality is evidenced by JMT meeting the rigid, internationally recognized **ISO 9001:2015 Standard** for quality management excellence. This endeavor by our Corporate Office involved numerous reviews and submittals, and JMT is extremely proud to have met the standards required. We are one of a select few local Engineering firms that maintain this ISO standard.

**QUALITY ASSURANCE / QUALITY CONTROL:** JMT has an extensive Statewide Quality Assurance (QA) Program and will develop a project-specific Project Management Plan (PMP) with internal project reviews conducted semi-annually. Our QA Review Team (QART), led by Lee Watts, PE, and Luke Brolmann, PE, will review all contract commitments, unique contract challenges, and stakeholder interests. During more rigorous reviews, they will scrutinize project records, including financials, materials, Contractor's progress, and will also perform field reviews to monitor MOT and safety. Specialty reviews will also be conducted for activities such as utility and asphalt operations. Upon completion of the reviews, a report will be generated with the findings and corrective actions/timelines within 5 business days. The QART will ensure the project Team effectively coordinates and communicates project activities, maintains complete, accurate records of all activities, resolves/negotiates contract changes, and enforces contract provisions while following the applicable policies and procedures. Also, Steven and Wes will maintain a project's Lessons Learned database to ensure valuable learning experiences are recorded and transferred back to the City during the Project Close-Out.

**3.3 COORDINATION & COMMUNICATION** | Coordination between the Project Team, including the CEI Team, City staff, the Contractor, and all involved stakeholders is critical in delivering a high-quality project. Our Team maintains open lines of communication via phone calls, text strings, emails, letters, etc., to constantly and consistently manage our projects. A few critical aspects to our approach & methodology for coordination efforts are detailed further below.



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**JMT TEAM LOCATION:** With offices strategically located throughout Florida, including our **local office in St. Lucie County, under 10 miles from City Hall**, JMT has built an outstanding reputation for providing quality innovative engineering solutions that bring value to the clients and the communities we serve. Client satisfaction is the cornerstone of JMT's management philosophy and is integral to our client-focused philosophy. To that end, we ensure that all CEI contracts are completed within budget and schedule, to the satisfaction of our clients and the communities involved by incorporating the following essential elements:

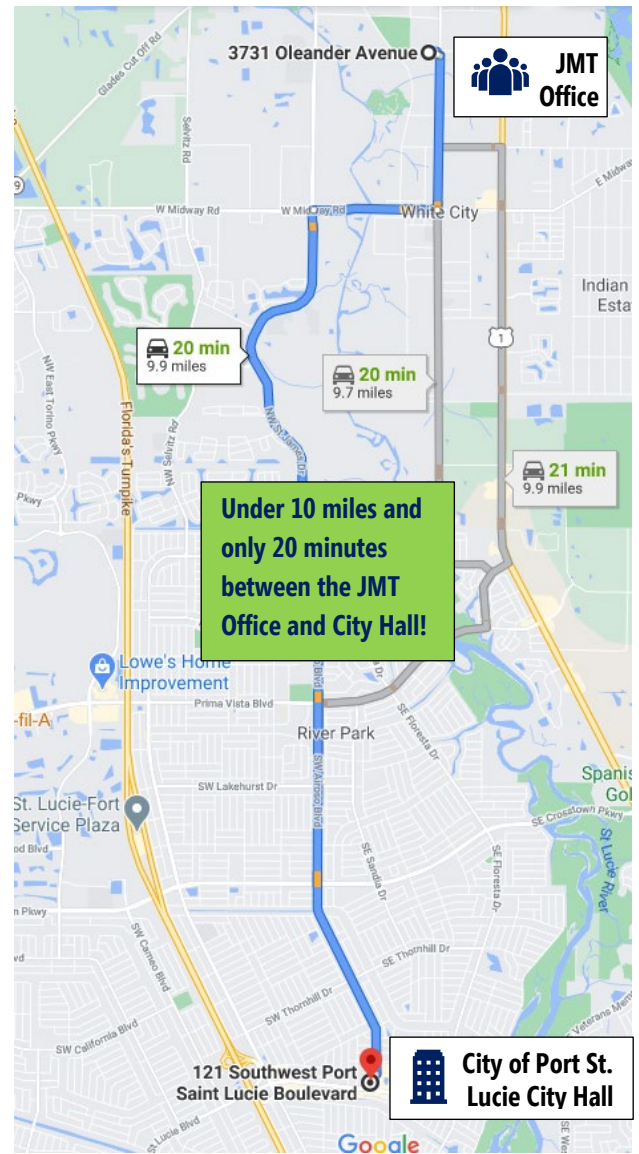
- Assemble a **local** Team with relevant expertise and experience with CEI management and inspection.
- Provide a **proven staff** that consistently delivers quality construction projects on time and under budget.
- **Commit** to partnering, claim avoidance, and issue resolution with all stakeholders.
- **Maintain coordination** with the City, Contractor(s), business owners, residents, and the traveling public.

This contract will be administered out of our office in St. Lucie County next to FDOT – Treasure Coast Operations. The address is 3731 Oleander Avenue, Fort Pierce, FL 34982, and JMT has occupied the space since November 2016. JMT has substantial CEI staff throughout the Treasure Coast region, including 12 alone in St. Lucie County, of which 6 Inspectors live within 10 minutes of this project. JMT's Team is a continuation of past and current successful working relationships, not only with each other but also with the City. JMT is supported by Andersen Andre Consulting Engineers, Inc. (AACE), who also has intimate knowledge of this corridor and local, dedicated staff to provide superior Geotechnical services on this project. Their Corporate office is located less than 4 miles from City Hall.

**6P MEETINGS:** We set the tone early by initiating all critical 6P Meetings: Pre-Services, Partnering, Pre-Construction, Pre-Activity, Progress, and Post-Construction. In addition to these meetings, we will schedule a "Design Hand-Off" meeting with the City and Stefan K. Matthes, PE, to discuss design challenges. We will sit down as a Team prior to Notice to Proceed (NTP) to discuss individual project components and ensure our QA/QC Inspection Guidelists are current. We will review the corridor with the Contractor to document existing project conditions. We will hold Pre-Activity Meetings to discuss methodology, schedule, equipment, and submittals for specialty project components like utility improvements, landscaping, and irrigation. We will also schedule a Post Construction Meeting with the City and EOR to ensure a full transfer of Lessons Learned is discussed, and any open-ended issues are fully closed and resolved, such as receipt of maintenance manuals for project components (lift station).

**PUBLIC INFORMATION OUTREACH:** JMT has a history of working with Beth Zsoka on numerous projects, dating back over 10 years when she assisted the JMT Team in completing a \$56M I-95 Design-Build reconstruction/widening project in Indian River County. We know the importance of her role in City projects and helping address and resolve issues before they escalate to City Council. Even though this project is different than what we are currently working on with Beth, we still understand what type of deliverables she requires from the CEI and the Contractor, and we genuinely look forward to continuing the successful partnership on this project. We will assist the City with sponsoring any events, including "Coffee with the Contractor," as requested for this project.

**SUBCONTRACTOR CONTROL:** An important aspect of contract/project management is the control of subcontractor activities by the Prime Contractor. Control doesn't necessarily mean telling them how to perform their job. It includes scheduling their activities so they don't



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create conflicts or cause rework. It includes ensuring all of their submittals are timely and meet the contract's requirements. It includes ensuring a safe working environment and professional representation at all times. Subcontractor control is extremely important in executing a project as they are valuable assets to the Prime Contractor in completing their portion of work.

**PERMIT ASSISTANCE:** Our Team is fully prepared to assist the Contractor with permitting activities. Based on our close relationship with the permitting agencies, we can help minimize resubmittal by providing the right content the first time around. We engage in open dialogue during the permit submittals and, more importantly, throughout the life of the permits on the project. We have found that having open communication with the agencies is important in keeping them in the loop and the project in compliance. Of critical importance for this project will be the preparation of an Earthwork Management Plan (EMP) and Dewatering Plan due to the amount of excavation and drainage/utility work. As mentioned previously, detailed Erosion Control Inspections will be performed by our staff to ensure continuous compliance and monitoring.

**PARTNERING:** Our Team thrives on creating valuable partnerships on projects and throughout the industry. The first step we take is to hold an **Internal Partnering Meeting**. This is important for many reasons. It allows us to update any of our project forms and inspection guidelists to make sure we are working off the most recent versions. It clearly defines our staff roles and responsibilities on the project to not miss anything during construction. It helps set our internal Escalation Matrix for decision-making protocols. We also set up a **Buddy System** with checks and balances, reviewing paperwork, and completing action item tasks. Additionally, we initiate our **Daily Email Recap** system (like what we're doing on Floresta Phase II) and schedule our own Weekly Team Update schedule to discuss safety and upcoming activities and prioritize project items. Next, we like to hold an **External Partnering Meeting**, even if it's informal in the field to ensure all stakeholders are on the same page prior to starting the project. We feel that this meeting accomplishes that by creating a healthy Team dynamic.

**ESCALATION:** We feel allowing the decision-making process to start at the lowest level possible is imperative. Minor items in the field can be addressed by the inspection staff and documented as such. However, more serious infractions may need to be addressed by the Project Manager. At the onset of the project, we establish an **Escalation Matrix**, including Contractor and City staff, so that the proper notifications can be processed up the chain of command. If an adequate response isn't provided based on the severity of the issue, the appropriate staff is notified. Regardless of the concern, we always keep our City Project Manager informed so questions from City Management staff don't blindsides them.





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**3.4 SCHEDULING & STAFFING** | Our Team understands that well-organized CPM baseline schedules are critical to the success of these types of projects. Our Management staff will analyze the baseline and monthly updates to ensure they meet all contract requirements, including all contract activities, and clearly delineate activities while maintaining realistic and concise durations. They will identify plan errors, anticipated issues and determine areas where production rates can increase while reducing the budget. They will consult with field staff to verify the activity's Actual Dates when Final Acceptance is granted, and the as-built schedule is done! Our Team uses numerous scheduling tools and software for projects, including Primavera P6, Bluebeam, and Ron Winters Schedule Analyzer.

**CPM ANALYSIS AND LOOK AHEAD SCHEDULES:** Two critical tools in successfully managing this project will be the CPM Schedule Updates and Look Ahead Schedules prepared by the Contractor. Our Team will use these for a multitude of purposes: scheduling staff, coordinating with stakeholders, planning work activities and equipment needs, organizing files for certifications and payment, etc. The CPM Updates will be expected monthly with the Contractor's invoice, while the Look Ahead Schedules will be provided weekly or biweekly, depending on Progress Meeting schedules. Either way, the activities will be forecasted well in advance so that proper administration can occur.

**SCHEDULE MANAGEMENT:** As discussed above, our Team understands the importance of a detailed and inclusive baseline Critical Path Method (CPM) Schedule. We have extensive experience analyzing and refining schedule submittals for complex reconstruction projects. JMT recently worked directly with FDOT District 4 to provide Plans Review, Schedule Creation, and Construction Time Estimating services for future projects. Based on this experience, our SPE, Steven Haines, PE, LEED AP, worked diligently to break down the Anthony F. Sansone Sr. Blvd. Phase 3 extension project and create the following schedule analysis as well as the Primavera Work Breakdown Structure (WBS) and Gantt Chart for the major project activities. Logic, durations, and project requirements were closely analyzed to ensure the work activities fit within the contract duration established in the current plans and the funding requirements outlined in the grant agreement. JMT is also fully supported by a Project Controls Department that focuses on schedule construction and analysis for Construction Management, led by Prad Maraj, PE, PSP, CCM, if the need arises to bring in additional resources.

**CORPORATE & STAFF SUPPORT:** Our Team is a healthy balance of seasoned veterans and youthful experience! The Team was developed with proactive Corporate Support from JMT and our subconsultant partner. Our Regional Manager, Sergio Quevedo, PE, and our Corporate Deputy CEI Lead, Jason Hahn, PE, will provide the necessary corporate support to ensure the project is a success. They have unique insight into the relevant transportation industry procedures, processes, and current local industry trends. We take pride in our work, emphasizing

<b>St. Lucie County (*live within 10 minutes of the project; Proposed on this project)</b>	
<b>Steven Haines, PE, LEED AP</b>	Senior Project Engineer / Project Manager
<b>Luke Brolmann, PE</b>	Project Administrator / Quality Assurance
<b>Keith Kummer*</b>	Senior Inspector
<b>Richard Dovey*</b>	Senior Inspector / Drone Support
<b>Joseph Knowlton*</b>	Senior Inspector
<b>James Ashburn*</b>	Senior Inspector
<b>Felix Roman*</b>	Senior Inspector
<b>Tyler Harvey</b>	Inspector / Lighting & ITS Specialist
<b>Ed Stepaniak</b>	Inspector / Survey Support
<b>Nicholas Miller*</b>	Inspector's Aide
<b>Theresa Stern</b>	Contract Support Specialist / Training Coordinator
<b>Lauren Paquette</b>	Assistant Contract Support Specialist / Admin.
<b>Indian River County</b>	
<b>Wesley Kraft, EI</b>	Deputy Project Manager
<b>Steve Lecher, Jr</b>	Senior Inspector
<b>Tearle Hitchcox</b>	Inspector
<b>James Bowyer</b>	Inspector / Survey Support
<b>Brent Stone</b>	Inspector's Aide
<b>Martin County</b>	
<b>Jason Hahn, PE</b>	Corporate Deputy CEI Lead



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openness and honesty while striving to deliver the best product to the City and the end-user – the traveling, tax-paying public, and local businesses. We will work with the City and Contractor to proactively, responsively, and professionally accomplish contract objectives!

A critical component of the JMT Team is the redundancy of our staff. We have a full complement of *local* backup staff for each position on this contract. Not only is our personnel adept at functioning in various capacities during a project, but we also have numerous support staff who can assist the Team. Additionally, our resources live within close proximity to the project corridor. Our teaming partners are also local to the project and have backup staffing to assist during emergencies. Our local St. Lucie County office manages all of our FL CEI requirements for Density Gauge storage, and all field inspection equipment ordering and servicing gets routed through that office. Additionally, Luke Brolmann, PE, is our FL Resident Safety Office (RSO) and ensures strict compliance with state and federal health and safety guidelines.

**SITE INSPECTION:** The "**boots on the ground**" staff are critical to the success of any project as they become the eyes and ears in the field. Our staff has an excellent reputation for being very detailed and proactive with site inspections. They understand the importance of contract documents, Specifications, and strict adherence to all contract notes and requirements. They are adept at bringing things to the Contractor's attention well in advance of that activity to ensure they are prepared. Our excellent mix of field staff with extensive local knowledge is perfect for this project. Our Team is exceptionally well cross-trained to support all aspects of the project. These attributes have been a huge advantage to our successful administration of recent FDOT projects, including Midway Rd. Reconstruction. Our Team was assembled to handle any challenges this project has. Our Team

understands that our site source documents become the written record of all project activities and are often referenced later for funding reimbursement, litigation, or claims analysis. We have a field-tested system of documenting daily activities and also providing an email recap to all pertinent stakeholders. This gives everyone a quick snapshot of project progress and also documents any delays or impacts that may not otherwise be captured. Our Team will document pay item quantities and will work with the Contractor's Superintendent on a weekly basis to reconcile work to date so that monthly payment can be processed seamlessly. Upon contract completion, we will turn over a digital file to the City with all project records, including our daily site source documents, photos, and project-related correspondence. With our proposed Team, we are providing a Senior Project Engineer/Project Manager within 20 minutes of the project, a Deputy Project Manager within 30 minutes, and a Senior Inspector within 10 minutes from the project site. Our ability to respond to issues and be present on-site is extremely valuable to the successful completion of this project.

**3.5 TRACKING & MANAGEMENT SYSTEMS** | JMT has an excellent reputation for document control and project tracking protocols. Our Team is a cohesive combination of management and inspection staff that adapts well to their project roles and responsibilities. We have proven methods of retaining project information, processing and administering contract paperwork, and overall project delivery. A few key highlights of JMT's Approach & Methodology for tracking and management are below.

**DAILY WORK REPORTING:** We pride ourselves on ensuring detailed and accurate project documentation. That starts with our reports for daily work activities. It is imperative for our Team to document project activities and visitors. This includes when they occurred, who was involved, what equipment was used, any issues encountered, the resolution of the issue, weather impacts, etc. These documents are used as references for future claims and analysis of project delays and Contractor mitigation efforts. We also are "photo happy" when documenting the project site. As the saying goes, "A picture is worth a thousand words!" Not only do we document non-compliance, but we also capture compliant work practices and exceptional progress on challenging activities, like deep drainage runs and utility improvements. Our client references can attest to the accuracy and completeness of our project documentation. We recently represented FDOT on Dispute Review Board (DRB) hearings for a past project where the Contractor sought over \$1M. Our site source documents, coordination correspondence, etc. resulted in the DRB making a determination of No Entitlement in favor of the FDOT's position.

**DOCUMENTATION:** Our entire Team is cognizant of the importance of **site source documentation** to review an incident or concern and document the condition with written reports and photographs/videos. As mentioned above, these items are often used in a court or hearing later on to protect the liability of the Contractor and City. In conjunction with the City's Public Information Office, we will maintain an **Incident Log** that documents the concern along with assigning responsible parties and deadlines for resolution. This is a document that we will reference at every Progress Meeting to ensure nothing slips through the cracks and ensure we "**close the loop**" on all concerns. One way to elicit a response from a contractor if they're not handling a situation is withholding payment for violation of the contract. We



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are well-versed in reviewing and understanding contract language and specific project requirements, which enable us to point to factual information to motivate a Contractor to address an issue.

**AERIAL DRONES:** JMT has extensive experience performing fly-overs and fly-throughs of infrastructure projects to document construction activity and progress. These detailed photos and videos assess overall project impacts and provide future marketing opportunities to prospective business ventures. This is an inexpensive way to document projects from altitude and capture the full scope of work which will be necessary for some of the grant compliance. **Our local FAA-licensed drone operator has already flown the corridor** to give our Team an excellent understanding of the project scope and potential impacts.



**QUANTITY TRACKING & MATERIAL TESTING:** Detailed record keeping/retention is key to successful quantity tracking, especially on projects with various scope activities and DEO grant funding. Project-specific ledgers documenting progress per project component will be used for real-time quantity/payment tracking. We will work closely with the Contractor and their subcontractors to reconcile quantities monthly so that we recommend accurate Pay Estimate processing. Our Team is also very thorough when reviewing material submissions, including shop drawings, cut sheets, certifications, etc. We utilize the FDOT Approved Products List (APL) cross-referenced with the Specifications, Plans, and City requirements to ensure all materials incorporated into the contract will function as intended and that no sub-standard components are allowed. We stress to the Contractor at the Pre-construction Meeting to submit all of the required material before delivering components if one doesn't meet the requirements. Our recent site visits indicate existing ground elevations in proximity to the water table resulting in wet conditions throughout the corridor and lake excavation areas. Our Team will recommend that the Contractor excavate and stockpile wet soils as early as possible to ensure optimum properties of materials are used for embankment construction. Densities and probing of existing ground will be performed to ensure a stable foundation to build on. **We have included our close partner, AACE, on this contract to perform Geotechnical Testing.** Their knowledge of this exact corridor and City requirements is paramount to the project's success. If numerous activities occur at once and AACE needs our assistance taking densities, our staff has the equipment and capabilities to do so and include the results for certification.

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**DEFICIENCY ITEMS AND AS-BUILTS:** At JMT, we have found it is critical to create a running list of deficiency items and a living document of as-builts from the start of a project. On challenging construction projects, it can be difficult to remember minor details a year into the project if they are not well documented and tracked. We create a deficiency item list that we share with the Contractor monthly so they can address items, particularly if they are subcontractor items, prior to demobilizing from the site. It also opens up a dialogue about the deficiency if the Contractor feels that it meets the intent of the plans. This way, we discuss the items early enough in the contract that there is a plan for resolution or they are accepted before Final Acceptance. We create a "redline" set of as-builts for our office so our field staff can make notes and sketch out field adjustments. Although the Contractor is responsible for submitting the Final As-Builts, we like to reference our redlines when reviewing their submittal and help clarify areas where their surveyor may not have been available to collect the information or their staff doesn't recollect the changes. This method has proven to be a successful partnering effort.

**PROJECT CLOSE-OUT:** With the experience and expertise of our staff, we will focus from Day 1 on the Project Close-Out Process. It's imperative not to get behind in close-out documents and formal approvals, as it can create a snowball effect. Our Team has successfully completed numerous contracts, many with complicated funding and project components. We will carry our Lessons Learned throughout the project to continue building on our project databases for sharing information.

**WARRANTIES AND CLAIMS:** Part of the project close-out is oftentimes addressing outstanding warranty issues and analyzing project claims. As mentioned above, our detailed documentation efforts provide us with the best opportunity to perform a full and fair analysis of the issue at hand. We typically provide a very detailed explanation and comparison of contract requirements with actual field performance to determine entitlement. We will develop detailed cost breakdowns to recommend payment should entitlement be granted. This level of supporting documentation is critical to ensure the appropriate funding is allocated to any contract change. We also request a Warranty File from the Contractor, so the City knows who the responsible parties are for the components incorporated into a project. Should something fail prematurely, the City will have all of the information necessary to pursue the liable party and coordinate replacement/reimbursement.

**COMMUNICATION AND DOCUMENT MANAGEMENT METHODS:** Our entire Team is equipped with MiFi's, laptops/tablets, mobile scanning (Genius Scan) & printing, and **FaceTime/Skype/Microsoft Team/Zoom** video capabilities to **"bring the field into the office."** We utilize vehicle-mounted GoPros to capture high-definition videos for pre-construction, project progress, MOT shifts, etc. We resolve project issues at the lowest level possible with a clear plan for escalation through the **Communication Matrix**. Our staff location, particularly our **"boots on the ground"** inspection, allows us to respond and resolve issues without delay or financial impact to the City. Our Team has developed a continuity and routine that includes daily text message threads and email recaps of activities to properly process contractor/subcontractor activities. The daily notifications are sent to all Team members, including the City PM, to keep everyone apprised of daily activities, site visitors, etc. We will work closely with our Public Information Officer to apprise her of project activities and assist with public outreach. Our Team is also not afraid to pick up the phone and have **"difficult discussions"** with the Contractor so that expectations are not lost in written communication. Our Team is well versed in document management systems such as Project Suite Sharepoint (PSSP), Laserfische, SiteManager, and numerous other platforms from FDOT to municipal project administrations. Our staff all have certified electronic signatures to make document execution and transmission seamless and expeditious. We also utilize **project and scope-specific spreadsheets** to track field installations, material delivery, RFI/RFM/RFC submittals, shop drawings, pay applications, Notice of Intents (NOI's), public comments, etc. These are **tried and true methods** that we've refined through years of implementation on various types of projects throughout the Treasure Coast.

**PROJECT ORGANIZATION AND VIRTUAL PLATFORMS:** JMT's philosophy is to be proactive rather than reactive to resolve project issues. We will leverage our industry experience and local expertise to identify issues prior to impact. We will create color-coded **"War Maps"** in the office, highlighting and differentiating project components. By **"Building the Job in the Office"** and then updating work complete, we create/maintain visual tools to gauge project progress and identify upcoming critical activities. To complement this, we specialize in **BlueBeam Studio Session**, a unique virtual platform that includes **real-time PDF manipulation**. We have utilized this technology successfully on our current Central Florida Expressway (CFX) contracts. We draw on past experiences to **"think outside the box"** to solve problems. We also prefer to provide the City Staff with monthly updates so they have a quick snapshot of the project status and budget for both the CEI and the Contractor. This snapshot also gives details of what was completed the previous month, what's upcoming, and what the anticipated completion date may be for the project. This monthly document helps the Team identify any potential issues with funding or delays to the contract. We also have the resources to deliver critical project information through virtual platforms, including project



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material, 3D flyovers, project boards, comment cards, etc. In today's climate, any type of virtual option is critical to ensuring the right message gets delivered to all stakeholders involved with the project.

**3.6 VALUE ADDED SERVICES AND INNOVATION** | JMT is well-known in the industry for coming up with innovative solutions to project issues. This always begins with our company mentality to be proactive rather than reactive. We find that if issues are identified early and communicated effectively, often a solution can be implemented before project cost or time is impacted. The following are a few areas we put extra focus on to provide cost-savings to our client while still ensuring a high-quality project.

**CONSTRUCTABILITY REVIEWS:** An important advantage that JMT brings is our ability to assign senior staff from all project disciplines to perform constructability reviews of the project prior to NTP; and more importantly, our field inspection staff as they are our "boots on the ground" that are the first line of defense against project delays. Our local staff, and complete JMT Team, has an intimate knowledge of this corridor and the technical capabilities to identify potential constructability issues that could be detrimental to the project. After a thorough review of construction plans, we will immediately bring our concerns to the attention of the City, and C&T, if requested. However, not only will we identify the concerns, but we will also develop real-world solutions to eliminate project impacts. Our close working relationships with the Contracting industry will help determine the most cost-effective solutions to any of the project challenges.

We implemented this approach successfully via addendum (prior to Letting) on our previous Midway Rd. Reconstruction project by adding a Channel Excavation pay item to **establish a competitive bid price** in the event the existing conditions changed prior to construction. Anything that can't be implemented will be addressed by field directive and discussed at the Pre-construction Meeting to ensure all stakeholders clearly understand the expectations and impacts.

**PROACTIVE REVIEWS:** One area that our JMT Team excels at is performing in-depth field and plan reviews prior to construction. Being proactive is extremely important in finding and addressing a conflict before it costs more money and time. Our knowledge of this area, this type of construction, and our understanding of the City's needs put us one step ahead. We are able to draw on past experiences to understand how future work may impact the final product. Based on 80% Construction Plans dated December 7, 2022, we have already started compiling comments to discuss with the EOR. It will reduce impacts during construction by seeking clarification and addressing all issues now. As mentioned above, we have an excellent working relationship with Stefan K. Matthes, PE, as Steven Haines, PE, LEED AP used to work for Stef while he was at C&T earlier in his career. This relationship will be carried over to this project, making issue identification and resolution much simpler. Once again, proactive reviews are a way to avoid conflicts during construction.

**ISSUE IDENTIFICATION:** First, we find it extremely important to identify if the issue at hand is truly a conflict or just a difference of interpretation between the CEI, Contractor, EOR, City, etc. We are comfortable reviewing the contract documents with the Contractor and discussing a reasonable resolution to items that are deemed conflicts. We always involve all of the stakeholders so that we aren't making a decision that may impact them in ways we didn't consider. We log all conflicts through the formal **RFI Process** along with an **Action Item Tracking log** to identify responsible parties and critical deadlines to avoid project delays. We cross-reference the **CPM Schedule updates** and **Contractor Look Ahead schedules** to identify which critical activities could be impacted by the conflict. Equally important, we work with the Contractor to identify activities that can be started to mitigate delays while the conflict is being resolved. This allows us to prioritize conflicts and seek assistance from the EOR as needed without wasting valuable time. We also have survey experience with our Inspection staff to collect data on existing conditions and prepare solutions.

**FIELD DIRECTIVES & PLAN REVISIONS:** Once we have a comfort level with the resolution of an issue, we provide a field directive or have a Plan Revision drafted by the EOR depending on the complexity of the conflict. **Our relationship with the local contractors gives us a comfort level to direct the work while we negotiate a fair and equitable price.** This is extremely critical so as not to delay the project's progress. We utilize numerous industry tools to assist in coming up with a fair value for added/adjusted work: Equipment Watch, time & material tracking, historic cost databases, past project estimating, local vendor pricing, etc. Conflicts that are resolved by field directive are noted in our Daily Work Reports and field books, as well as redlined on our as-built set of plans for comparison with the Contractor's final set. This helps substantiate quantity backup for payments made to the Contractor and supports funding requirements.

**MAINTENANCE:** We are extremely familiar with the stringent requirements of FDOT's Maintenance Rating Program (MRP) based on our multiple D5 Maintenance Contracts. This type of program is extremely important for any maintaining agency, including the City of Port St. Lucie, as the expectation is for the project to be not only be functional but it needs to be highly maintainable. From our experience, ensuring



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low-cost, long-term maintenance starts with the quality of material installed in the field. Our document review, coupled with an added emphasis on meeting all of the requirements of the FDOT Specifications and Standard Plans, down to the minor details, in the field are essential to delivering a highly maintainable product. We thoroughly consult with the Maintenance Personnel and solicit feedback to ensure the new construction meets their approval. We prefer to engage in roundtable discussions with our entire Team, including City staff and stakeholders, to vet ideas and agree to a course of action that ultimately enhances the value and quality of the project.

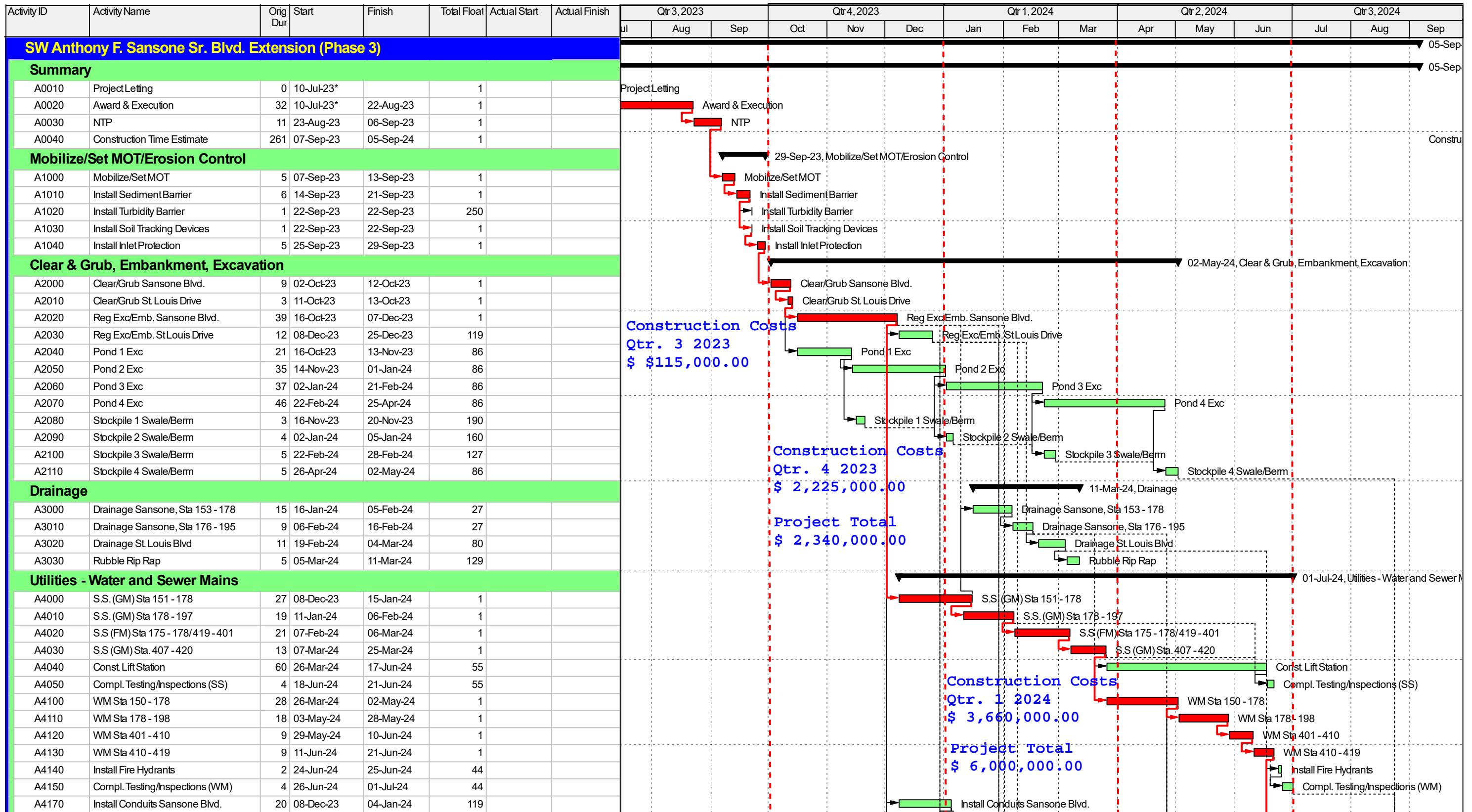
**PILOT PROGRAMS:** As the industry evolves and technology is further enhanced, it creates endless opportunities to improve construction safety. As such, we are currently participating in a Pilot Program with Florida's Turnpike to implement iCone and iPin MOT devices. This program is cutting-edge technology that informs drivers traveling through work zones of Temporary Traffic Control Device location, type, etc., by reporting data directly to navigation Apps. By putting information in the hands of drivers as early as possible, we are hoping to create a much safer driving experience for the traveling public and field staff. This may not be applicable to this project; however, it shows JMT's commitment to growing with the industry and offering safer and better solutions to issues that consistently impact project progress.

**3.7 SUMMARY** | The JMT Team was explicitly established with the expertise to handle this challenging project on behalf of the City. The following bullets are what separates us from other firms.

- **Local** – The JMT Team is extremely local to the project site. We have compiled a staff from top to bottom that are local residents of the Treasure Coast and have a vested interest in ensuring this project is completed with high quality. We have a full backup Team, also from the Treasure Coast, in the event we need additional support or emergency coverage.
- **Relationships** – Our Team has excellent relationships with the major stakeholders of this project, including the City Staff, the Utility Systems Department, Permitting Agencies, and the Contracting industry. With all of the stakeholders mentioned above, we have active CEI contracts currently, i.e., Floresta Dr. Phase 2, McCarty Ranch Area 5&6, Port St. Lucie Blvd. Reconstruction, SW Bayshore and SW Thornhill Signalization, East Torino Parkway Improvements, etc. **We also currently hold a CEI Continuing Services Contract with the City, as does our subconsultant partner!**
- **Knowledge** – Our proposed staff has diverse experience in construction management and construction inspection services. We have staff that have been clients before as government employees so we understand the needs from both a client and consultant perspective. We have successfully delivered these types of projects for previous clients, including the City of Port St. Lucie. Our Team has relevant experience in this area of the City from previously delivering the Village Parkway construction project to the City!
- **Support Services** – We have compiled a Team that includes highly professional subconsultant services in Geotechnical (AACE). They have proven their dedication to the City and residents on numerous past projects of this magnitude. They are the local, trusted consultants in their field.
- **Full Service** – Between JMT and our teaming partner, we have the resources and staff to provide full engineering services on this project. If something arises related to Environmental investigation or roadway design, etc. we have staff available to provide those services to the City.
- **References** – One area that JMT takes a lot of pride in is the references that current and past clients provide. Below is a chart of references, assignments, and contact information for our proposed staff on their recent assignments.

Staff (Firm)	Recent Assignments	Reference (contact information)
Steven E. Haines, PE, LEED AP (JMT)	Floresta Dr. Phase 1 and 2	Frank Knott, 772.618.5440
Wesley Kraft, EI (JMT)	Floresta Dr. Phase 1 and 2	Frank Knott, 772.618.5440
Keith Kummer (JMT)	St. Lucie West Interchange	Marla Hewson, 772.349.6728
Tearle Hitchcox (JMT)	SR-A1A Resurfacing & Turn lanes	Donald Larson, 772.828.1789
James Bowyer (JMT)	Alcantarra Blvd. Sidewalk	David Epperson, 772.418.6886





Finish Date = 05-Sep-24  
 Data Date = 07-Jul-23  
 Run Date = 11-Apr-23  
 Page Number = 1

Steven Haines & Patrick Hayes  
 W.D. = Work Days  
 C.D. = Calendar Days

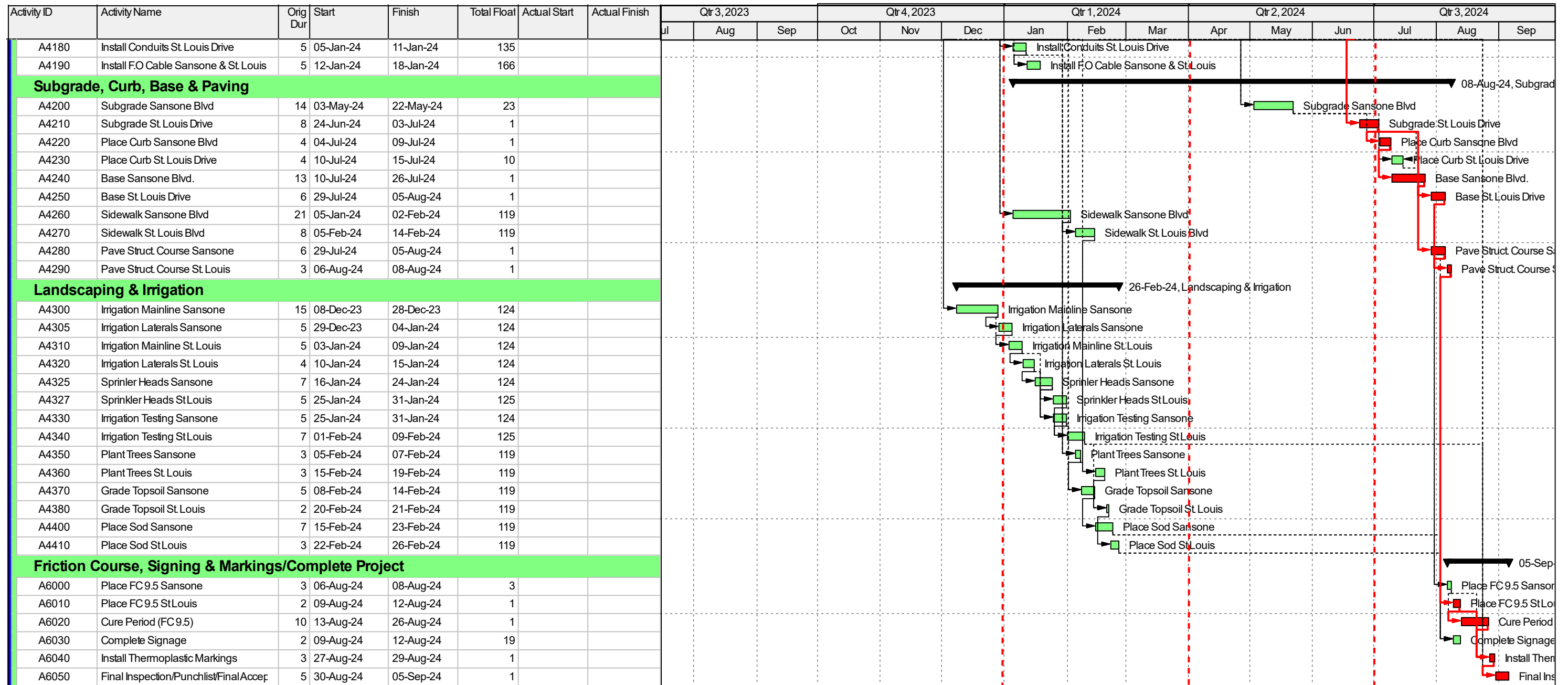
SW Anthony F. Sansone Sr. Blvd. Extension Phase 3

Contract Time 261 W.D. X 1.4  
 = 365 C.D.

**Construction Costs**  
 Qtr. 2 2024  
 \$ 2,680,000.00

**Project Total**  
 \$ 8,680,000.00





Finish Date = 05-Sep-24  
 Data Date = 07-Jul-23  
 Run Date = 11-Apr-23  
 Page Number = 2

Steven Haines & Patrick Hayes  
 W.D. = Work Days  
 C.D. = Calendar Days

SW Anthony F. Sansone Sr. Blvd. Extension Phase 3

Contract Time 261 W.D. X 1.4  
 = 365 C.D.







## 4 | Certified Minority Business Enterprise



## Tab 4 | Certified Minority Business Enterprise

JMT, nor its subconsultant, Andersen Andre Consultant Engineers, Inc., is a Certified Minority Business Enterprise.





# 5 | Additional Required Proposal Submittal Forms



**CONTRACTOR'S GENERAL INFORMATION WORK SHEET**  
**eRFP #20230030**

It is understood and agreed that the following information is to be used by the City to determine the qualifications of prospective Contractor to perform the work required. The Contractor waives any claim against the City that might arise with respect to any decision concerning the qualifications of the Contractor.

The undersigned attests to the truth and accuracy of all statements made on this questionnaire. Also, the undersigned hereby authorizes any public official, Engineer, Surety, bank, material or equipment manufacturer, or distributor, or any person, firm or corporation to furnish the City any pertinent information requested by the City deemed necessary to verify the information on this questionnaire.

Dated at Fort Pierce, FL, this 13th day of April, 2023  
(Location)

Name of Organization/Contractor: Johnson, Mirmiran & Thompson, Inc.

By: Sergio Quevedo, PE, Senior Vice President  
Name and Title

1. Corporation, Partnership, Joint Venture, Individual or other? Corporation

2. Firm's name and main office address, telephone and fax numbers

Name: Johnson, Mirmiran & Thompson, Inc.

Address: 40 Wight Avenue  
Hunt Valley, MD 21030

Telephone Number: 410-329-3100

Fax Number: N/A

3. Contact person: Sergio Quevedo, PE Email: SQuevedo@jmt.com

4. Firm's previous names (if any). Johnson, McCordic & Thompson, PA

5. How many years has your organization been in business? 52 years

6. Total number of staff at this location: 25 Total number of staff on the Treasure Coast: 25

7. Is the Firm a minority business: YES /  NO  
If no, is your company planning to implement such a program? no

8. List the license(s) that qualifies your firm to construct this project: n/a

9. **ADDENDUM ACKNOWLEDGMENT** - Bidder acknowledges that the following addenda have been received and are included in its proposal/bid:

Addendum Number	Date Issued	Addendum Number	Date Issued
1	04/06/2023		

10. Has the Contractor or any of its principals ever been declared bankrupt or reorganized under Chapter 11 or put into receivership?

Yes ( ) No (X)

If yes, please explain:

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11. List any lawsuits pending or completed within the past five (5) years involving the corporation, partnership or individuals with more than ten percent (10 %) interest:  
None - please see attached litigation history.

(N/A is not an acceptable answer - insert lines if needed)

12. List any judgments from lawsuits in the last five (5) years:  
Please see attached litigation history.

(N/A is not an acceptable answer - insert lines if needed)

13. List any criminal violations and/or convictions of the Proposer and/or any of its principals:  
None.

(N/A is not an acceptable answer - insert lines if needed)

  
Signature

Senior Vice President  
Title

# Litigation History



## Summary of Litigation and Arbitration

From time to time, JMT has been involved in various litigation and arbitration claims arising from the normal course of its business as an A/E consulting firm. While such claims arise from or generally relate to projects, it should be noted that JMT carries a comprehensive insurance program, and none of the claims are expected to exceed available insurance nor to materially impair or adversely affect the firm's business or ability to perform its contractual obligations. Pending litigation and claims history for the past five (5) years includes the following matters:

## Active/Pending Matters

**Traffic Accident:** In February 2023, the estates of a driver involved in a fatal automobile accident on I-85 filed suit against the South Carolina Dept. of Transportation (SCDOT) and multiple other parties, including JMT and other SCDOT contractors, as the accident occurred in the vicinity of a construction zone. The accident occurred in March 2021 and involved a tractor trailer which collided with a passenger vehicle. JMT performed highway design services as a subconsultant on the project where the accident occurred. JMT was not responsible for installation of traffic barriers, means and methods of construction, or overall project site safety. This claim is in the early pleadings phase. *Alexander v. Blythe Construction, et. al* Ct. of Common Pleas Cherokee Co. SC., Case No. 2023CP1100072.

**Traffic Accident:** In January 2023, the driver of a passenger vehicle involved in an accident on I-85 filed suit against the at-fault driver of a commercial livestock transport truck and multiple other parties, including the South Carolina Dept. of Transportation (SCDOT), JMT and other contractors, as the accident occurred in the vicinity of a construction zone. The accident occurred in March 2021 and involved a tractor trailer which collided with a passenger vehicle. JMT performed highway design services as a subconsultant on the project where the accident occurred. JMT was not responsible for installation of traffic barriers, means and methods of construction, or overall project site safety. This claim is in the early pleadings phase. *Pinckney v. Welch, et. al* Ct. of Common Pleas 7<sup>th</sup> Judicial Cir. Ct., Spartanburg Co., SC Case No. 2023CP1100031.

**Bicycle Accident:** In September 2022, a bicyclist injured on a roadway filed a complaint against the Florida Dept. of Transportation (FDOT) and multiple other parties, including JMT and other FDOT consultants/contractors alleging tort liability as the accident occurred in the vicinity of a construction work zone. The accident occurred in September 2018, and the bicyclist was allegedly injured when the mirror of a passing motor vehicle struck her from behind while driving on a roadway in St. Lucie County, Florida. JMT was a consultant performing Construction Engineering Inspection (CEI) services for FDOT. As the CEI consultant, JMT was not responsible for means and methods of construction or overall project site safety. This case is in the early pleadings stages. *Curell v Florida Dept. of Transp., et al*, 19<sup>th</sup> Judicial Cir. Ct. St. Lucie Co, FL, Case No. 562022CA001297AXXXHC.

**Pedestrian Trip and Fall:** In January 2021, a pedestrian tripped and fell on the sidewalk at a supermarket in Elizabeth NJ, and has since filed suit against the Supermarket, the City as well as multiple other parties. The City has joined its contractor and consultants, including JMT as third-party defendants to the suit. The complaint alleges that incident occurred due to the negligent upkeep, maintenance, repair or inspection of the sidewalk. JMT provided professional engineering services for the City; but was not responsible for the means and methods of construction, nor the maintenance of the premises. *Guzman v. Mega Supermarket, Inc. et al*, Super. Ct. of NJ, No. UNN-L-003006-21

**Traffic Accident:** In September 2021, the driver and estate of a passenger involved in a multi-vehicle fatal automobile accident involving a tractor trailer in a construction work zone on I-85 filed suit against the truck driver, owner, construction contractors and JMT. Several other suits have been filed by other motorists involved. The truck driver entered a "no truck"/ "car only" restricted travel lane which was designated for cars only, and lost control of the truck crashing into several vehicles that were stopped in traffic ahead within the work zone. JMT performed highway design services as a subconsultant on the roadway project where the accident occurred; but JMT was not responsible for the installation of traffic barriers, means and methods of construction, or overall project site safety. These suits are in discovery stages. *Goggin v. Blythe Construction, et. Al, US District Ct. (D.S.C.) Case Nos. 7:21-cv-03157-DCC / 7:21-cv-03158-DCC; Hester v. Blythe, et al, 7:22-cv-01190-TMC; Crowder v Blythe et. al, Case No. 7:22-cv-02605-DCC*

**Pedestrian Trip and Fall:** In May 2019, a pedestrian fell and sprained her ankle in a crosswalk in Philadelphia, and has since filed suit against the City as well as multiple other parties, including JMT. The incident location is in the same general area, but across the intersection from a subway station project that JMT was working as a consultant for the local transit agency, and none of the project activities disturbed



# Litigation History

or affected the crosswalk. There were allegedly roadway depressions and patchwork in the sidewalk from certain unrelated repairs and previous construction which the plaintiff contends caused/contributed to her injuries. JMT is one of multiple consultants/contractors named as defendants, likely due to periodic excavation activities in the general vicinity; but expects to be dismissed from this matter having had no involvement at the actual location of the accident. *Jackson v. City of Philadelphia, et. al et al*, Ct. of Common Pleas Philadelphia Co., Case No. 210402429.

**Pedestrian Trip and Fall:** In August 2019, a pedestrian tripped and fell on a sidewalk in Philadelphia, and has since filed suit against the property owner, as well as multiple construction contractors and other parties, including JMT. The complaint alleges that plaintiff tripped on sandbags left on the sidewalk in connection with nearby construction activities. JMT is one of multiple consultants/contractors named as defendants, likely due to its role as a design and construction management / inspection consultant with the Pennsylvania DOT; but JMT did not place and was not responsible for the means and methods of construction, nor the placement of sandbags or other devices on the Project. *Chibundu v. Branch Banking et al*, Ct. of Common Pleas Philadelphia Co., Case No. 210801470.

**Traffic Accident:** In January 2020, the estates of a passenger involved in a fatal automobile accident on I-85 filed suit against the vehicle manufacturer, South Carolina Dept. of Transportation (SCDOT) and multiple other parties, including JMT and other SCDOT contractors, as the accident occurred in the vicinity of a construction zone. The vehicle lost power on the highway in an area of the work zone with limited shoulder, and another vehicle collided into it. JMT performed highway design services as a subconsultant on the project where the accident occurred. JMT was not responsible for installation of traffic barriers, means and methods of construction, or overall project site safety. This claim is in the discovery stage. *Caples v. FCA US LLC, et al*, 7<sup>th</sup> Judicial Cir. Ct., Spartanburg Co., SC Case No. 2020CP424200014.

**Contractor Claim.** A design build contractor has submitted a claim against the design team for costs associated with the construction of a highway project in South Carolina. A pre-award phase preliminary design was prepared and used by the contractor to estimate construction and material quantities. No allegations have been made regarding deficiencies in the final design, but rather Contractor's pricing was based on preliminary plans, and certain drainage components increased in the post award design development process. JMT performed drainage design services as a subconsultant to the lead design firm. The claim is in arbitration. *Blythe / Zachary Construction Joint Venture v. Parrish and Partners, et. al* AAA Case No. 01-19-000-7902

## History/Closed Matters

**Contractor Claim.** A design build contractor filed suit against JMT alleging claims and backcharges arising from costs incurred in connection with the construction of a highway design-build project in South Carolina. JMT served as the lead designer, as a subcontractor to the design-build contractor, but disputed liability for the alleged backcharges as the claimed costs were the result of contractor's own estimates, means and methods of construction, which were not within JMT's scope or responsibility as the design engineer. This case was settled and resolved by mutual agreement of the parties, since settlement was more efficient and economical and a better result than funding the cost of continued litigation and appeals. *Fluor-Lane South Carolina, LLC v. JMT*, 5<sup>th</sup> Judicial Cir. Ct., Richland Co., SC Case No. 2021CP4002104.

**Vehicle Accident:** In October 2019, the owner and driver of a vehicle filed suit against several parties, including a highway contractor and JMT for injuries and damage sustained in a 2018 motor vehicle accident that occurred in during snow and ice conditions in Howard County, Maryland. Plaintiffs alleged that the accident occurred due to slippery conditions created by an improper mixture of anti-icing materials applied to the roadway as part of storm pre-treatments by the highway contractors and JMT. JMT was retained as a consultant in connection with roadway maintenance and inspection services, but was not responsible for specifying the mix or applying anti-icing materials to the highway This case was settled, since settlement was more efficient and economical and a better result than funding the cost of continued litigation and appeals. *Thomas Best v. Alfredo Trucking, et.al*, Circuit Ct. of Howard Co, MD, Case No. C13CV19001057

**Traffic Accident:** In January 2018, the estates of a driver and passenger involved in a fatal automobile accident on I-95 filed suit against the Florida Dept. of Transportation (FDOT) and multiple other parties, including JMT and other FDOT consultants/contractors, as the accident occurred in the vicinity of a construction zone. A truck crossed the median into the opposite directional lanes, and struck two oncoming vehicles resulting in multiple fatalities. JMT was a consultant performing Construction Engineering Inspection for FDOT. As the CEI, JMT was not responsible for means and methods of construction or overall project site safety. This case was resolved and settled, since settlement was more efficient and economical and a better result than funding the cost of continued litigation and appeals. *Estate of Odom v. Florida Dept. of Transp., et al*, 19<sup>th</sup> Judicial Cir. Ct. Indian River Co, FL, Case No. 312017CA000881.



# Litigation History



**Traffic Accident:** In April 2020, an injured passenger and the estate of a driver involved in a fatal automobile accident each filed suit against the City of Philadelphia and multiple other parties, including JMT and other City consultants/contractors arising from their involvement in the design, inspection and construction of the subject intersection. JMT had performed construction inspection services for the City in connection with a streetscape project along the roadway several years prior to the accident. JMT was not responsible for design, means and methods of construction or overall project site safety and has been dismissed from this matter without contribution. *Glenn v. Ford Motor Co., et al*, Court of Common Pleas Philadelphia Co., Case No. 200401479 / *Wheeler v. Ford Motor Co., et al*, Case No. 200500902

**Pedestrian Trip and Fall:** In June 2018, a pedestrian fell and fractured her ankle in a depression after stepping off the sidewalk into the street. There was some roadway patchwork from some type of construction/repairs, which the plaintiff contends caused/contributed to her injuries. The incident location is in the same general area, but a far distance from a bridge reconstruction project that JMT was working as a consultant for Camden County. It was determined that roadway work/repairs where plaintiff fell were connected to another utility repair work, and unrelated to the bridge project. JMT was dismissed from this matter without contribution. *Brody-Carney v. PSE&G., et al*, Superior Ct. of NJ, Camden Co, Case No. CAML00121920.

**Traffic Accident:** In June 2018, a driver of a vehicle brought suit against JMT for injuries sustained in a 2016 motor vehicle accident that occurred in the vicinity of a water-main replacement construction project in the city of Tampa, Florida. Plaintiffs allege that a pile of dirt and construction materials on the project obstructed her view of oncoming traffic at the roadway intersection. JMT was a consultant performing Construction Engineering Inspection (CEI) for the City. As the CEI, JMT was not responsible for means and methods of construction or overall project site safety, and JMT played no role in placing the dirt pile or staging any construction materials or equipment which would have been the responsibility of the construction contractor. Upon further discovery to indicate JMT's role, JMT was dismissed from this matter without contribution. *Herbrina Johnson, et. al v. Johnson, Mirmiran & Thompson, Inc.*, 13<sup>th</sup> Judicial Cir. Ct. Hillsborough Co, FL, Case No. 18-CA-00582.

**Contractor Accident:** In February 2016, the estate of a construction worker who was fatally struck by a sweeper truck while working in a construction zone on the New Jersey Turnpike. The suit named multiple parties including the NJ Turnpike Authority, NJ Dept. of Transportation, NJ State Police, the driver, owner and manufacturer of the sweeper truck, as well as multiple other parties having a role in the project, seeking unspecified damages. JMT was a subcontractor providing inspection services on the project, but had no responsibility for the contractor's means, methods or safety. JMT has been granted summary judgment and dismissed from this claim without any contribution. *Estate of Mike Alexander v. Northeast Sweepers, et.al.*, Super. Ct. of NJ, No. ESX-L-7229-14.

**Contractor Accident:** A construction worker was killed when an excavator knocked a concrete barrier into the lower area he was working on a highway construction project along MD-24 in 2015. The estates filed a wrongful death action in January 2018 against multiple parties, including JMT, the State of Maryland, engineering consultants, and other individuals working on the project. JMT was under contract with the state and provided engineering design services, and had no responsibility for construction site safety or the contractor's operations, means, methods or employees. JMT was dismissed from this matter without contribution. *Royston, et al. v. Rummell, Klepper, & Kahl, LLP, et al.*, Cir. Ct. of Baltimore City, MD, Case No. 24-C-18-000110.

**Property boundary/Tree claim:** In July 2017, a property owner filed suit against a public school system and its contractor as the result of a dispute involving several trees along the adjacent property boundary, which were removed in connection with a school construction project. In January of 2018 the school system filed cross claims against the general contractor who removed the trees, as well as a third-party complaint against the project architect, Rubeling & Associates, a division of JMT, seeking indemnification and contribution. As the architect, JMT was not asked to review, did not participate in the decision or direction to remove the trees. The case was referred to mediation and effectively settled by the parties to avoid further expense of litigation and appeals. *The Gaino IV, LLC v. Baltimore Co., et al*, Cir. Ct of Balt. Co., MD. Case No. 03C17006754

**Contractor Claim:** In May 2017, a construction contractor filed a claim against several consultants, including JMT, related to a design-build project for the Ohio Department of Transportation (ODOT) alleging that certain components of the project, including signage, failed to meet ODOT requirements and had to be reinstalled. The design and signage were approved and accepted prior to construction. This case was resolved through mediation and settled, since settlement was more efficient and economical and a better result than funding the cost of continued litigation and appeals. *Complete General Construction Co. v. Barr & Prevost Inc, et al.*, Franklin Co. Common Pleas Ct., OH, Case No. 17CV054176.





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### **NOTICE TO ALL PROPOSERS:**

**To ensure fair consideration is given for all Proposers, it must be clearly understood that upon release of the proposal and during the proposal process, firms and their employees of related companies as well as paid or unpaid personnel acting on their behalf shall not contact or participate in any type of contact with City employees, department heads or elected officials, up to and including the Mayor and City Council. The "Cone of Silence" is in effect for this solicitation from the date the solicitation is advertised on DemandStar, until the time an award decision has been approved by City Council and fully executed by all parties. Information about the Cone of Silence can be found under the [City of Port St. Lucie Ordinance 20-15, Section 35.13](#). Contact with anyone other than the Issuing Officer may result in the vendor being disqualified. All contact must be coordinated through Michelle Fentress, Issuing Officer, for the procurement of these services.**

All questions regarding this Solicitation are to be submitted in writing to Michelle Fentress, Procurement Agent I with the Procurement Management Department via e-mail [mfentress@cityofpsl.com](mailto:mfentress@cityofpsl.com), or by phone 772-8715222. Please reference the Solicitation number on all correspondence to the City.

All questions, comments and requests for clarification must reference the Solicitation number on all correspondence to the City. Any oral communications shall be considered unofficial and non-binding.

Only written responses to written communication shall be considered official and binding upon the City. The City reserves the right, at its sole discretion, to determine appropriate and adequate responses to the written comments, questions, and requests for clarification.

\*NOTE: All addendums and/or any other correspondence before bid close date (general information, question and responses) to this solicitation will be made available exclusively through the [DemandStar's Website](#) for retrieval. All notice of intent to award documentation will be published on the [City Clerk's Website](#). Proposers are solely responsible for frequently checking these websites for updates to this solicitation.

**I understand and shall fully comply with all requirements of City of Port. St. Lucie Ordinance 20-15, Section 35.13.**

Typed Name: Sergio Quevedo, PE

Signed: 

Company and Job Title: Johnson, Mirmiran & Thompson, Inc. -Senior Vice President

Date: April 13, 2023



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**eRFP #20230030**  
**CONTRACTOR'S CODE OF ETHICS**


The City of Port St Lucie ("City), through its Procurement Management Department ("Procurement Management Department") is committed to a procurement process that fosters fair and open competition, is conducted under the highest ethical standards and enjoys the complete confidence of the public. To achieve these purposes, Procurement Management Department requires each vendor who seeks to do business with the City to subscribe to this Contractor's Code of Ethics.

- ◆ A Contractor's bid or proposal will be competitive, consistent and appropriate to the bid documents.
- ◆ A Contractor will not discuss or consult with other Vendors intending to bid on the same contract or similar City contract for the purpose of limiting competition. A Vendor will not make any attempt to induce any individual or entity to submit or not submit a bid or proposal.
- ◆ Contractor will not disclose the terms of its bids or proposal, directly or indirectly, to any other competing Vendor prior to the bid or proposal closing date.
- ◆ Contractor will completely perform any contract awarded to it at the contracted price pursuant to the terms set forth in the contract.
- ◆ Contractor will submit timely, accurate and appropriate invoices for goods and/or services actually performed under the contract.
- ◆ Contractor will not offer or give any gift, item or service of value, directly or indirectly, to a City employee, City official, employee family member or other vendor contracted by the City.
- ◆ Contractor will not cause, influence or attempt to cause or influence, any City employee or City Official, which might tend to impair his/her objectivity or independence of judgment; or to use, or attempt to use, his/her official position to secure any unwarranted privileges or advantages for that Vendor or for any other person.
- ◆ Contractor will disclose to the City any direct or indirect personal interests a City employee or City official holds as it relates to a Vendor contracted by the City.
- ◆ Contractor must comply with all applicable laws, codes or regulations of the countries, states and localities in which they operate. This includes, but is not limited to, laws and regulations relating to environmental, occupational health and safety, and labor practices. In addition, Contractor must require their suppliers (including temporary labor agencies) to do the same. Contractor must conform their practices to any

published standards for their industry. Compliance with laws, regulations and practices include, but are not limited to the following:

- Obtaining and maintaining all required environmental permits. Further, Contractor will endeavor to minimize natural resource consumption through conservation, recycling and substitution methods.
- Providing workers with a safe working environment, which includes identifying and evaluating workplace risks and establishing processes for which employee can report health and safety incidents, as well as providing adequate safety training.
- Providing workers with an environment free of discrimination, harassment and abuse, which includes establishing a written antidiscrimination and anti-bullying/harassment policy, as well as clearly noticed policies pertaining to forced labor, child labor, wage and hours, and freedom of association.

Name of Organization/Proposer Johnson, Mirmiran & Thompson, Inc.

Signature  \_\_\_\_\_

Printed Name and Title Sergio Quevedo, PE, Senior Vice President

Date April 13, 2023

DISCLAIMER: This Code of Ethics is intended as a reference and procedural guide to contractors. The information it contains should not be interpreted to supersede any law or regulation, nor does it supersede the applicable contractor contract. In the case of any discrepancies between it and the law, regulation(s) and/or contractor contract, the law, regulatory provision(s) and/or vendor contract shall prevail.



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E-Verify Form

Supplier/Consultant acknowledges and agrees to the following:

- 1. Shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Supplier/Consultant during the term of the contract; and
2. Shall expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.

E-Verify Company Identification Number 65719
Date of Authorization April 13, 2023
Name of Contractor Johnson, Mirmiran & Thompson, Inc.
Name of Project CEI & GEO Services for Anthony F. Sansone Sr. Boulevard Extension
Solicitation Number (If Applicable) 20230030

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on April 13, 2023 in Ft. Pierce (city), FL (state).

[Handwritten signature]

Signature of Authorized Officer

Sergio Quevedo, PE, Senior Vice President

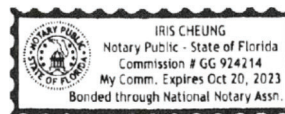
Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME

ON THIS THE 13th DAY OF April, 2023.

NOTARY PUBLIC Iris Cheung [Handwritten signature]

My Commission Expires: 10/20/203





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**NON-COLLUSION AFFIDAVIT**

**Solicitation#20230030**

**CEI & GEO Services for Anthony F. Sansone  
Sr. Boulevard Extension**

State of Florida }

County of St. Lucie }

**Sergio Quevedo, PE**

\_\_\_\_\_, being first duly sworn, disposes and says that:  
(Name/s)

1. They are Senior Vice President of Johnson, Mirmiran & Thompson, Inc. the Proposer that  
(Title) (Name of Company)

has submitted the attached PROPOSAL;

2. He is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such PROPOSAL;

3. Such Proposal is genuine and is not a collusive or sham Proposal;

4. Neither the said Proposer nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Proposer, firm or person to submit a collusive or sham Proposal in connection with the contract for which the attached proposal has been submitted or to refrain from proposing in connection with such Contract or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer, firm or person to fix the price or prices in the attached Proposal or of any other Proposer, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the City of Port St. Lucie or any person interested in the proposed Contract; and

5. The price or prices quoted in the attached Proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

(Signed) 

(Title) Senior Vice President



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STATE OF FLORIDA }  
COUNTY OF ST. LUCIE} SS:

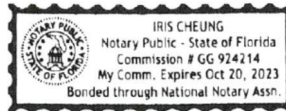
The foregoing instrument was acknowledged before me this (Date) April 13, 2023

by: Sergio Quevedo, PE who is  personally known to me or who has produced  
\_\_\_\_\_ as identification and  who did  (did not) take an oath.

Commission No. GG924214

Notary Print: Iris Cheung

Notary Signature: *[Signature]*





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**DRUG-FREE WORKPLACE FORM**  
**e-RFP #20230030**

**CEI & GEO Services for Anthony F. Sansone Sr. Boulevard Extension**

The undersigned vendor in accordance with Florida Statute 287.087 hereby certifies that

Johnson, Mirmiran & Thompson, Inc. does:  
(Name of Business)

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under proposal a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 Florida Statutes or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

  
\_\_\_\_\_  
Consultant's Signature  
**April 13, 2023**  
\_\_\_\_\_  
Date

**VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES' LISTS**

Vendor Name: Johnson, Mirmiran & Thompson, Inc.  
 Vendor FEIN: 52-0963531  
 Authorized Representative's Name: Sergio Quevedo, PE  
 Authorized Representative's Title: Senior Vice President  
 Address: 3731 Oleander Ave. Suite 108  
 City, State and Zip Code: Fort Pierce, FL 32982  
 Phone Number: 772--370-7865  
 Email Address: SQuevedo@jmt.com

Sections 287.135 and 215.473, Florida Statutes, prohibit Florida municipalities from contracting with companies, for goods or services over \$1,000,000 that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or to engage in any Business operations with Cuba or Syria. Sections 287.135 and 215.4725 also prohibit Florida municipalities from contracting with companies, for goods or services in any amount that are on the list of Scrutinized Companies that Boycott Israel.

The list of "Scrutinized Companies" is created pursuant to Section 215.473, Florida Statutes. A copy of the current list of "Scrutinized Companies" can be found at the following link:  
<https://www.sbafla.com/fsb/FundsWeManage/FRSPensionPlan/GlobalGovernanceMandates/QuarterlyReports.aspx>

As the person authorized to sign on behalf of the Respondent Vendor, I hereby certify that the company identified above in the section entitled "Respondent Vendor Name" is not listed on either the Scrutinized Companies with Activities in Sudan List; or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; is not participating in a boycott of Israel; and does not have any business operations with Cuba or Syria. I understand that pursuant to Sections 287.135 and 215.473, Florida Statutes, the submission of a false certification may subject the Respondent Vendor to civil penalties, attorney's fees, and/or costs.

I understand and agree that the City may immediately terminate any contract resulting from this solicitation upon written notice if the company referenced above are found to have submitted a false certification or any of the following occur with respect to the company or a related entity: (i) for any contract for goods or services in any amount of monies, it has been placed on the Scrutinized Companies that Boycott Israel List, or is engaged in a boycott of Israel, or (ii) for any contract for goods or services of one million dollars (\$1,000,000) or more, it has been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or it is found to have been engaged in business operations in Cuba or Syria.

Authorized Signature

**Sergio Quevedo, PE, Senior Vice President**

Print Name

Signature



**TRUTH-IN-NEGOTIATION CERTIFICATE AND AFFIDAVIT**

STATE OF FLORIDA       §  
COUNTY OF ST. LUCIE   §

Before me, the undersigned authority, personally appeared affiant Sergio Quevedo, PE, who being first duly sworn, deposes and says:

1. That the undersigned firm is furnishing this Truth in Negotiation Certificate pursuant to Section 287.055(5)(a) of the Florida Statutes for the undersigned firm to receive an agreement for professional services with the City of Port St. Lucie, St. Lucie County, Florida.

2. That the undersigned firm is a corporation which engages in furnishing professional engineering services and is entering into an agreement with the City of Port St. Lucie, St. Lucie County, Florida to provide professional services for a project known as CEI & GEO Services for Anthony F. Sansone Sr. Boulevard Extension, Contract #20230030.

3. That the undersigned firm has furnished the City of Port St. Lucie, St. Lucie County, Florida a detailed analysis of the cost of the professional services required for the project.

4. That the wage rate information and other factual unit cost, which the undersigned firm furnished, were accurate, complete and current at the time the undersigned firm and the City of Port St. Lucie entered into the agreement for professional services on the project.

5. That the agreement which the undersigned firm and the City of Port St. Lucie entered into on this job contained a provision that the original agreement price and any additions thereto shall be adjusted to include any significant sums by which the City of Port St. Lucie determines the agreement price was increased due to inaccurate, incomplete or non-current wage rates or other factual unit cost and that all such agreement adjustments shall be made within one (1) year following the end of the agreement.

FURTHER AFFIANT SAYETH NAUGHT

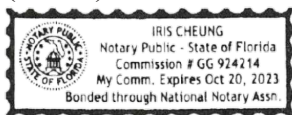
Johnson, Mirmiran & Thompson, Inc.  
Name of Firm

By:   
Sr. Vice President

The foregoing instrument was acknowledged before me by Sergio Quevedo, PE who has produced \_\_\_\_\_ as identification or is **personally known to me.**

WITNESS my hand and official seal in the State of County last aforesaid this 13th day of April, 2023.

(SEAL)



  
Signature

Iris Cheung  
Notary Name (typed or printed)

Marketing Assistant  
Title or Rank



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## Solicitation Addendum Form

<b>Solicitation Number: 20230030</b>	<b>Solicitation Title: CEI &amp; GEO Services for Anthony F. Sansone Sr. Boulevard Extension</b>
Issuing Officer: Michelle Fentress, Procurement Agent I	Solicitation Initially Posted to Internet: See DemandStar
eMail Address: mfentress@cityofpsl.com	Telephone: 772-871-5222
Addendum Number: 1	Date: 04/06/2023

Note: In the event of a conflict between previously released information and the information contained herein, the latter shall control.

### QUESTIONS:

- 1.) Question: Are there any points awarded for having a minority business on the team or if the 50 points are just for a minority firm bidding prime only?

**Response: The points will be awarded to the prime firm only.**

**NOTE: The bid opening date has not been changed.**

Received by JMT - 4/6/23

# ARCHITECT – ENGINEER QUALIFICATIONS

## PART I – CONTRACT SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

1. TITLE AND LOCATION <i>(City and State)</i> CEI & GEO Services for Anthony F. Sansone Sr. Boulevard Extension		
2. PUBLIC NOTICE DATE March 16, 2023	3. SOLICITATION OR PROJECT NUMBER eRFP Number: 20230030	

### B. ARCHITECT – ENGINEER POINT OF CONTACT

4. NAME AND TITLE Steven Haines, PE, LEED AP®   Vice President		
5. NAME OF FIRM Johnson, Mirmiran & Thompson, Inc. (JMT)		
6. TELEPHONE NUMBER (772) 370-7865	7. FAX NUMBER (772) 448-4459	8. E-MAIL ADDRESS shaines@jmt.com

### C. PROPOSED TEAM

*(Complete this section for the prime contractor and all key subcontractors.)*

<i>(Check)</i>				9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
PRIME	J-V PARTNER	SUBCON-TRACTOR				
a.	●			Johnson, Mirmiran & Thompson, Inc. (JMT)  <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	3731 Oleander Ave., Suite 108 Fort Pierce, FL 34982	Construction Engineering & Inspection
b.		●		Andersen Andre Consulting Engineers, Inc. (AACE)  <input type="checkbox"/> CHECK IF BRANCH OFFICE	834 SW Swan Avenue Port St. Lucie, FL 34983	Geotechnical Engineering
c.		●		  <input type="checkbox"/> CHECK IF BRANCH OFFICE		
d.		●		  <input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.				  <input type="checkbox"/> CHECK IF BRANCH OFFICE		L
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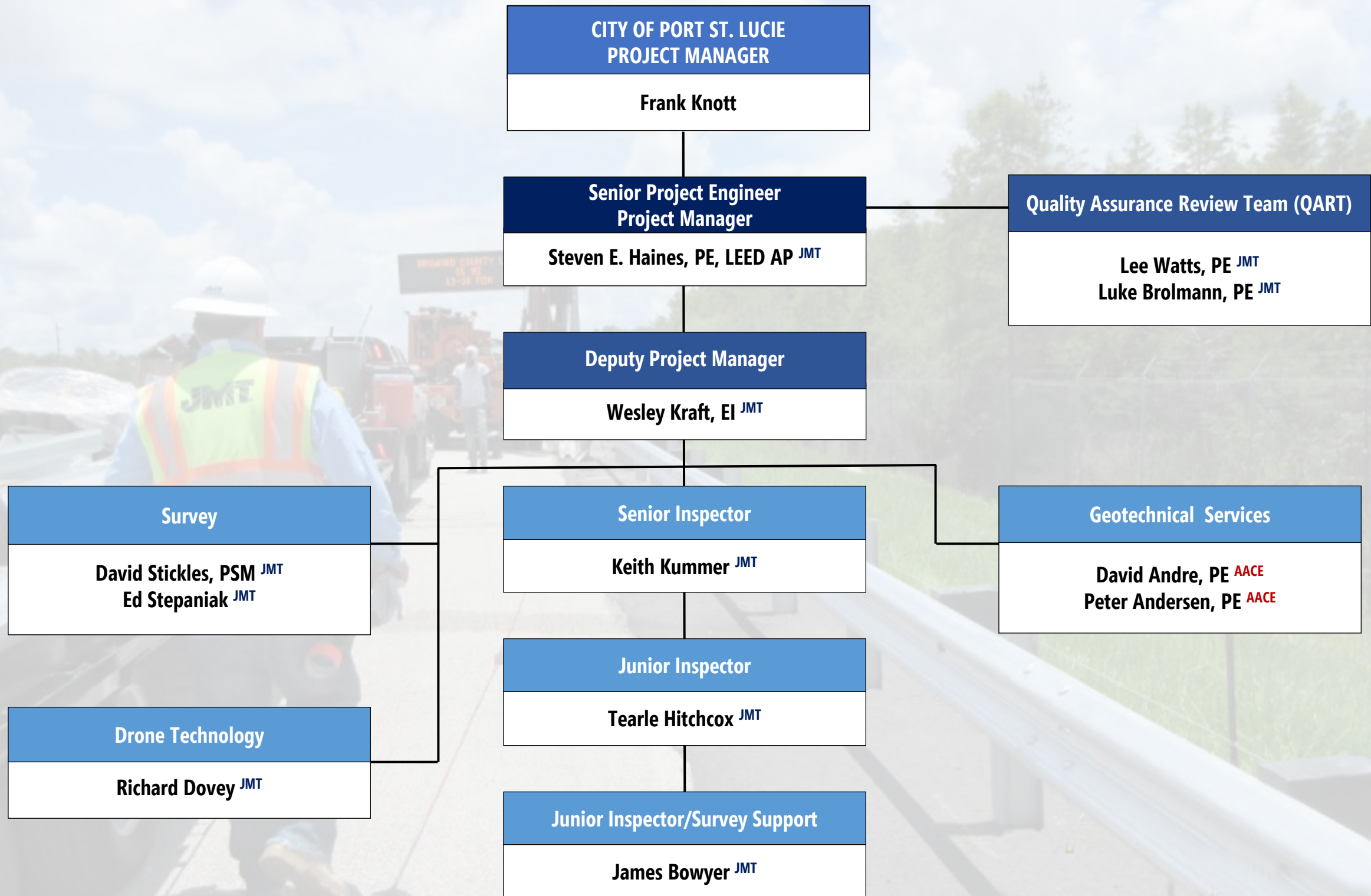
### D. ORGANIZATIONAL CHART OF PROPOSED TEAM

[X] *(Attached)*



# CEI & GEO Services for Anthony F. Sansone Sr. Boulevard Extension

City of Port St. Lucie | eRFP No. 20230030



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Steven Haines, PE, LEED AP</b>	13. ROLE IN THIS CONTRACT <b>Senior Project Engineer/ Project Manager</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>17</b>	b. WITH CURRENT FIRM <b>10</b>

15. FIRM NAME AND LOCATION FIRM NAME AND LOCATION *(City and State)*  
**Johnson, Mirmiran & Thompson, Inc. (Fort Pierce, Florida)**

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> M.S. / Civil Coastal Engineering, University of Florida, 2006 B.S. / Mechanical Engineering, University of Florida, 2005 B.S. / Aerospace Engineering, University of Florida, 2005	17. CURRENT PROFESSIONAL REGISTRATION CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Engineer: FL 71522 LEED AP (BD+C) 10232666
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
Mr. Haines has over 17 years of Construction Engineering & Inspection (CEI) and personnel management and development experience. He has worked for the Florida Department of Transportation, District 4 as Area Engineer in the Treasure Coast area as well as the private sector. His experience includes CEI services on a variety of FDOT roadway projects and municipal/LAP projects, including roadway reconstruction and resurfacing, bridge rehabilitation and replacement, utility installation, commercial and residential site development. He manages staff, projects, and contracts in the Treasure Coast region. Mr. Haines' extensive management and project experience from FDOT and the consultant side brings significant value to his role as Sr. Project Engineer. Training/CTQPs include: Advanced MOT; Quality Control Manager; Asphalt Paving Levels 1 & 2; Final Estimates Levels 1 & 2; Critical Structures Issues; FL Stormwater, Erosion & Sediment Control; ACEC/FES – 2019 FELI Class Member; JMT – 2015 Project Management Class; FDOT – Manager's Academy; FDOT – Supervisor's Academy; FDOT – Certified Public Manager Training; FDOT – EEO, DBE and Payroll Compliance Training; OSHA 10 Hour Training – Construction Safety & Health; HAZMAT Certification; Nuclear Safety Certification. (TIN #H520785823220)

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	<b>CEI Services for Header Canal Rd. Resurfacing Project, St. Lucie County, FL. St. Lucie County, FL</b>	<b>Jan. '23 – Ongoing</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Sr. Project Engineer.</b> JMT is providing CEI services to St. Lucie County for full depth reclamation and Cold In-Place Recycling of 5.1 miles of Header Canal Rd. from SR-70 (Okeechobee Rd.) to SR-68 (Orange Ave.). Other projects items include milling and resurfacing with Hot Mix Asphalt, minor widening, shoulder stabilization, and new pavement markings. Construction Value - \$3.2M; Duration – 42 days. <b>Reference: Shannon Mieras, Project Manager, (772) 462-1813</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	<b>CEI Services for the Alcantarra Blvd. Sidewalk Project, Port St. Lucie, FL</b>	<b>2023</b>	<b>2023</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Sr. Project Engineer.</b> JMT is providing CEI services to the City of Port St. Lucie to install a 6 ft. wide concrete sidewalk on the south side of SW Alcantarra Blvd. from SW Savona Blvd. to SW Port St. Lucie Blvd. Other project items include new detectable warning surfaces at side street intersections, new signage and existing sign relocations, curb and gutter at the outside right-hand turn lane near SW PSL Blvd., swale liner installation, drainage improvements, and sodding. Approximate Construction Contract Value – \$463,225; Duration – 150 Days. <b>Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	<b>CEI Services for Floresta Dr. Phase II Reconstruction, St. Lucie County, FL</b>	<b>Sep. '22 – Ongoing</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Sr. Project Engineer.</b> This project includes improvements along a critical corridor from the Elkhart Waterway to Crosstown Parkway. Improvements include full reconstruction of the roadway, including medians, bike lanes, sidewalks, extensive underground drainage, major utility relocations, lighting, landscaping, pond excavation, bridge replacement, etc. Construction Value – \$30.0M; Duration – 730 days. <b>Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	<b>CEI Services for the Reconstruction of Port St. Lucie Blvd. from Darwin to Alcantarra, St. Lucie County, FL (Contract No. CAF67; FM No. 431752-6-62-01)</b>	<b>Jan. '22 – Ongoing</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Sr. Project Engineer.</b> This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway on a critical north-south corridor of southern Port St. Lucie. The project includes full roadway reconstruction and widening, concrete (sidewalk, driveway, curb and gutter, and textured), earthwork construction for a new pond and ditch excavation, a new closed drainage system, extensive utility relocations including water/wastewater, lighting, new signalization, landscaping & irrigation, etc. Construction Value - \$11.5M; Duration – 709 days. <b>Reference: Mark Freeman, Treasure Coast Operations Project Manager, (772) 429-4904.</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	<b>CEI Services for St. Lucie County Bridge Repairs (Project 18501 PH II, 11 Mile Rd over 10-Mile Creek), St. Lucie County, FL</b>	<b>2022</b>	<b>2022</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Sr. Project Engineer.</b> JMT provided CEI services to St. Lucie County to repair the 11 Mile Rd. bridge over 10-Mile Creek. Project items included pile jackets, joint and spall repair on deck, expansion joint replacement, riprap rubble, milling and resurfacing, and bridge mounted conduit repairs. Approximate Construction Contract Value – \$540,763; Duration – 155 Days. <b>Reference: Michael Harvey, El, St. Lucie County Project Manager, (772) 216-2586.</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	

f.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for the SW Import Drive Sidewalk Phase I, Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2022</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Sr. Project Engineer.</i> JMT provided CEI services to the City of Port St. Lucie to install a 6 ft. wide concrete sidewalk on the west side of Import Dr. from Oakwood Rd. to Inca Terrace. Other project items included driveway and culvert replacement, swale realignment, cross drain replacement, updated signage, and striping of crosswalks. Approximate Construction Contract Value – \$644,923; Duration – 180 Days. <b>Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.</b>			
g.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for Indian River Dr. Traffic Calming Project, St. Lucie County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2022</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Sr. Project Engineer.</i> This was the first phase of the locally funded project consisting of rehabilitating the existing pavement and installation of traffic calming features along S. Indian River Drive from Walton Rd. to Midway Rd. The project was constructed in three stages with three different prime Contractors, completing roadway edge repairs and shoulder treatments in various locations, resurfacing the entire roadway utilizing micro-surfacing and chip seal, installing new thermoplastic pavement markings and speed reduction markings within locations of tight curves, and installing 12 Dynamic Speed Feedback signs, 6 along NB and 6 along SB. Construction Value - \$1.0M; Duration – 65 days. <b>Reference: Shannon Mieras, Project Manager, (772) 462-1813.</b>			
h.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for the Reconstruction of Midway Rd (CR-712) from west of 25th Street to east of US-1, St. Lucie County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2021</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2021</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Sr. Project Engineer.</i> This project provided congestion relief on a major St. Lucie County evacuation corridor. This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway, White City Park realignment, and numerous side street improvements. It also includes full bridge replacement with Florida I-beams and cast-in-place bridge deck, retaining walls, new signalized intersections with drilled shafts, major drainage and utility improvements, street lighting, landscaping, irrigation, etc. Mr. Haines also provided extensive post construction claims analysis and resolution through the Dispute Review Board (DRB) process in settling \$4.0M. Construction Value - \$31.0M; Duration – 1,714 days. <b>Reference: John Spivey, Treasure Coast Operations Project Manager, (772) 429-4868.</b>			
i.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for Sanibel Causeway Shoreline Stabilization, Lee County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2022</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Sr. Project Engineer.</i> The project consisted of shoreline renourishment (placement of sand), the construction of (9) shoreline groins, two (2) terminal groins and minor drainage improvements along Island B of the Sanibel Causeway, which provides the online access connecting mainland Lee County to Sanibel Island. The island is bordered by the Pine Island Sound to the west and San Carlos Bay to the east. The project intent is to primarily address erosion caused by coastal forces including wind, wave, tidal forces, and stormwater runoff from the roadway. All shoreline stabilization activities were developed to avoid impacts to seagrass as well as sea turtles and other protected species. Approximate Construction Value - \$1.7M; Duration – 225 Days. <b>Reference: Elaine Capps, PE, Lee County Facilities Senior Project Manager, (239) 823-4618.</b>			
j.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for North Bridge Aluminum Test Panel, St. Lucie County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2021</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2021</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Sr. Project Engineer.</i> The project consisted of cut and removal of degraded steel grate on the western portion of the bascule bridge on A1A over the Intercoastal Waterway in Ft. Pierce, FL. New connections were installed on the existing structure and an aluminum test panel with a skid resistant surface were installed to reduce saltwater degradation. Approximate Construction Value - \$200K; Duration – 60 Days. <b>Reference: Jose Kandarappallil, PE, Treasure Coast Operations Project Manager, (772) 519-2348.</b>			
k.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for Floresta Dr. Phase I Reconstruction, St. Lucie County, FL, City of Port St. Lucie</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2022</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Sr. Project Engineer.</i> This project includes improvements along a critical corridor of Port St. Lucie from Southbend Blvd. to the Elkhart Waterway. Improvements include full reconstruction of the roadway, including medians, bike lanes, sidewalks, extensive underground drainage, major utility relocations, lighting, landscaping, pond excavation, etc. The project includes close coordination with the public and City staff to minimize disruptions from Traffic Control to utility transfers. <i>Construction Contract Value – \$11.1M; Duration – 365 days.</i> <b>Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.</b>			

i.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for Edwards Rd. Reconstruction, St. Lucie County, FL. St. Lucie County</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>Dec. '20 – Ongoing</b>	CONSTRUCTION <i>(If Applicable)</i> <b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Sr. Project Engineer.</i> This project is a low bid, design-build, off-system Local Agency Project that includes replacing the drainage system damaged due to Hurricane Irma, utility relocations, full roadway reconstruction, signalization at the Oleander Ave. intersection to replace the existing span wire system with mast arms, and milling & resurfacing of Oleander Ave. south to the railroad tracks. The project includes close coordination with local utility companies, railroad representatives, and FDOT's adjacent ATMS project. <i>Construction Value - \$6.7M; Duration – 422 days. Reference: Michael Harvey, EI, Project Manager, (772) 216-2586.</i>			
m.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for Import Dr. Phase I Reconstruction, St. Lucie County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2022</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Sr. Project Engineer.</i> This project included improvements along a critical corridor from Southbend Blvd. to the Elkhart Waterway. Improvements include full reconstruction of the roadway, including medians, bike lanes, sidewalks, extensive underground drainage, major utility relocations, lighting, landscaping, pond excavation, etc. Construction Value – \$12.0M; Duration – 538 days. <b>Reference: Heath Stocton, PE, Assistant Public Works Director, (772) 370-8203.</b>			
n.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Treasure Coast Operations Center General Assigned Contract (CA850)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>Nov.'19 – Ongoing</b>	CONSTRUCTION <i>(If Applicable)</i> <b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Consultant Engineer.</i> Mr. Haines is responsible for the management of the Hybrid Contract. He coordinates with the FDOT Project Manager and Operation's Center staff to provide qualified personnel for each assigned task work order (TWO) and monitors the performance of all assigned personnel. He also develops budgets, and tracks funds and time on each TWO while ensuring regular QA/QC reviews are performed. Approximate CEI Contract Value - \$5,000,000; Duration – 1,825 days. <b>Reference: Kristy Keeler, FDOT PM (772) 429-4895.</b>			
o.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for McCarty Ranch Water Quality Restoration Project (Area 2, 3, and 4), City of Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2023</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2023</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Sr. Project Engineer.</i> The McCarty Ranch Extension Water Quality Projects with the City of Port St. Lucie are water farms in the west part of St. Lucie County. Construction includes clearing of exotics within the impoundment, seepage canals, a 7' tall perimeter berm to retain water pumped in by the proposed pump station, and water elevation control structures. Additionally, unique sand diaphragms are installed at select locations to control soil pressures from damaging the new berm. These projects improve water quality in the adjacent C-23 canal and the discharge into the St. Lucie River. Approximate Construction Value \$1.9M & 210 Days; \$2.1M & 222 Days; and \$2.5M & 210 Days, respectively. <b>Reference: John Eason, PE, City of Port St. Lucie Utility Engineer, (772) 873-6487.</b>			
p.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for St. Lucie County Bridge Repairs (Bridge No. 940037 – Keen Rd. and Bridge No. 940043 – Taylor Dairy Rd.), St. Lucie County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2019</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2019</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Sr. Project Engineer.</i> JMT provided CEI services to St. Lucie County to repair the Keen Rd. bridge over Taylor Creek and Taylor Dairy Rd. bridge over the Ft. Pierce Farms Water Control District (FPFWCD) Canal C-1. Other project items included drainage, joint and spall repair, guardrail replacement, and rip-rap rubble. Approximate Construction Contract Value – \$515,422.33; Duration – 152 Days. <b>Reference: Michael Harvey, EI, St. Lucie County Project Manager, (772) 216-2586.</b>			
q.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for the Southbend Boulevard Sidewalk (Contract #20190049), City of Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2020</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2020</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Sr. Project Engineer.</i> JMT provided CEI services to the City of Port St. Lucie to install a 6 ft. wide concrete sidewalk on the west side of Southbend Blvd. from Eagle Dr. to the Southbend Blvd. Roundabout. Other project items included drainage upgrades, guardrail replacement, and milling & resurfacing. Approximate Construction Contract Value – \$233,671; Duration – 90 Days. <b>Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.</b>			
r.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>SR-732/Jensen Beach Blvd. from U.S.-1/SR-5 to Savannah Road and SR A1A from East of Lyons Bridge to SR-732/Jensen Beach Blvd., Martin County, FL. FDOT District 4 (FM No. 43234816201 and FM No. 43686915201)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2019</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2019</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Sr. Project Engineer.</i> These projects included widening to accommodate new bike lanes as well as milling and resurfacing of all travel lanes and turn lanes. Other project improvements consisted of sidewalk and pedestrian ramp upgrades, upgrading signing and pavement markings, new signalization and intersection lighting, drainage, and pedestrian upgrades. The sidewalk project completed the connection of sidewalk along the west side of SR A1A and included sidewalk, curb & gutter, pedestrian handrails, selective mangrove trimming, riprap, crosswalk striping, and new signs. Mr. Haines was responsible for management of all staff and review of all project documentation. <i>Approximate Construction Contract Values - \$5,400,000; Duration – 374 days and \$480,000; Duration – 120 Days, respectively.</i> <b>Reference: Mark Freeman, Treasure Coast Operations Project Manager, (772) 429-4904.</b>			

s.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for Northlake Blvd. and Military Trail Intersection Improvements (Project No. 2013519), Palm Beach County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2020</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2020</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p><i>Sr. Project Engineer.</i> The purpose of this project is to complete intersection improvements by widening westbound Northlake Blvd. to add a new right turn lane onto Military Trail. Project includes the construction of eight new mast arms, new traffic controller cabinets, new pedestrian signals, and the addition of new signal technologies such as Adaptive Signal Control Systems. Other project improvements include new French Drains, signing and pavement markings, and milling and resurfacing. This project also entails extensive utility coordination to ensure relocation of multiple facilities from UAOs. Mr. Haines' duties include the review of all project documentation, plan revisions, contractor submittals, as-builts, etc., and management of field personnel. Approximate Construction Contract Value - \$1,400,000; Duration - 504 days. <b>Reference: Stephen O'Neil, Chief Construction Coordinator, (561) 684-4180.</b></p>			
t.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for SR 15 (US 441) from S. of NE 304th St. to Osceola County Line (FM No. 43806316201), Okeechobee County, FL. FDOT District 1</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2019</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2019</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p><i>Sr. Project Engineer.</i> This project entailed CEI services for milling and resurfacing 9.445 miles of SR 15 in Okeechobee County. This project included shoulder treatments, drainage improvements, new signing and pavement markings, etc. As the Sr. Project Engineer, Mr. Haines was responsible for the review of all project documentation, plan revisions, contractor submittals, shop drawings, as-builts, etc., and management of project personnel. Approximate Construction Contract Value - \$3,700,000; Duration - 185 days. <b>Reference: Stacy Hill, Heartland Operations Project Manager, (863) 991-4130.</b></p>			
u.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for SR 9/I-95 over Gatlin Boulevard and SR 9/I-95 over CR-712 Midway Road, St. Lucie County, FL. FDOT District 4 (FM No. 43664616201)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2017</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p><i>Sr. Project Engineer.</i> This project entailed replacing four existing concrete slab bridge decks along I-95 and traffic railings over two different intersections. The cast-in-place bridge deck replacement occurred in two phases, outside replacement and inside replacement, while maintaining traffic at all times. Mr. Haines was responsible for the review of all project documentation, plan revisions, contractor submittals, shop drawings, as-builts, etc., and management of project personnel. <i>Approximate Construction Contract Value - \$8,200,000; Duration - 412 days.</i> <b>Reference: Marla Hewson, Treasure Coast Operations Project Manager, (772) 349-6728.</b></p>			
v.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Treasure Coast Operations Center General Assigned Contract (C9M72)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2020</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2020</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p><i>Consultant Engineer.</i> Mr. Haines was responsible for the management of the Hybrid Contract. He coordinates with the FDOT Project Manager and Operation's Center staff to provide qualified personnel for each assigned task work order (TWO) and monitors the performance of all assigned personnel. He also develops budgets, and tracks funds and time on each TWO while ensuring regular QA/QC reviews are performed. Approximate CEI Contract Value - \$5,000,000; Duration - 1,825 days. <b>Reference: Kristy Keeler, FDOT PM (772) 429-4895.</b></p>			
w.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>SR 710 (Beeline Highway), Indiantown, FL. FDOT District 4 (FM No. 43270716201)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2016</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p><i>Sr. Project Engineer / Project Administrator.</i> This project provided passing lane improvements along SR 710 from the FEC RR crossing east of Okeechobee County Line to just west of SW Fox Brown Road. The widening occurred in two segments to provide passing lanes in each direction of travel, milling and resurfacing of the existing lanes, new shoulders, guardrail replacement, drainage modifications, new signing and pavement markings and other minor improvements. Mr. Haines was responsible for full project administration, including reviewing project documentation, plan revisions, contractor submittals, shop drawings, as-builts, etc., and management of project personnel. Approximate Construction Contract Value - \$6,900,000; Duration - 778 days. <b>Reference: Chad Rucks, PE, Treasure Coast Operations Project Manager, (772) 429-4938.</b></p>			
x.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Treasure Coast Operations Center General Assigned Contract (C9375)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2016</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p><i>Consultant Engineer.</i> Mr. Haines was responsible for the management of the Hybrid Contract. He coordinated with the FDOT Project Manager and Operation's Center staff to provide qualified personnel for each assigned task work order (TWO) and monitors the performance of all assigned personnel. He also develops budgets, and tracks funds and time on each TWO while ensuring regular QA/QC reviews are performed. Approximate CEI Contract Value - \$1,300,000; Duration - 1,095 days. <b>Reference: Alice Custis, FDOT PM (772) 429-4824.</b></p>			



y.	(1) TITLE AND LOCATION (City and State) <b>SR-5 (US-1) Resurfacing, Martin County, FL. FDOT District 4 (FM No. 42702316201)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2014</b>	CONSTRUCTION (If Applicable) <b>2014</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Sr. Project Engineer</i> on this RRR contract which entailed milling and resurfacing (M&R) US-1 from just south of the intersection at County Line Rd. to the pavement seams at approximate MP 5.05. This project also included cross slope corrections and widening in various areas. On the west side of US-1, a 10-foot-wide Shared Use Path (SUP) will be constructed from County Line Rd. to Jonathan Dickinson State Park (JDSP). Other project improvements included the construction of ADA ramps, signalization improvements, ITS upgrades, installation of a traffic monitoring site, count station, guardrail, signage, pavement markings and utility adjustments. Approximate Construction Contract Value - \$4,400,000; Duration – 382 days. <b>Reference: Kristopher Kehres, PE, Treasure Coast Operations Project Manager, (772) 489-7127.</b>		
z.	(1) TITLE AND LOCATION (City and State) <b>I-95 from SR 60 (Osceola Blvd.) to Brevard County Line, Indian River County, FL. FDOT District 4 (FM No. 41304926201)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2014</b>	CONSTRUCTION (If Applicable) <b>2014</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Project Engineer.</i> This project entailed widening from 4 to 6 lanes from SR 60 to the Brevard County line and the replacement of both bridges over Fellsmere Road/CR- 512 to provide three lanes with widened shoulders in each direction. Additional improvements included drainage, guardrail, signalization, ITS, signage, landscaping, and sound wall construction. Mr. Haines assisted in plan submittal reviews prior to Release for Construction and field management of early work activities. Approximate Construction Contract Value - \$56,000,000; Duration – 1,600 days. <b>Reference: Katherine Kehres, PE, Treasure Coast Operations Construction Engineer, (772) 519-8277.</b>		
aa.	(1) TITLE AND LOCATION (City and State) <b>Florida Department of Transportation, District 4, Treasure Coast Operations, Fort Pierce, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2013</b>	CONSTRUCTION (If Applicable) <b>2013</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
	<i>Area Engineer.</i> Mr. Haines' responsibilities included supervision and management of direct reports and General Assign staff, member on various review committees including CEI selection, design-build projects, Pond Siting Analysis, etc. Reviewed proposed changes to policies, procedures, directives, standards and specifications, particularly related to final estimates and materials. Mr. Haines was also the Construction Project Manager on the following key projects. <b>Reference: Daniel Hiden, PE, Treasure Coast Operations Engineer, (772) 380-5221.</b> Projects included: <ul style="list-style-type: none"> <li>Nov. '12 – May '13: SR-615 (25<sup>th</sup> St.), Fort Pierce, FL (FDOT) Resurfacing improvements on 25<sup>th</sup> St. Work also included pedestrian signal upgrades, bus bay widening and pavement cross-slope correction. <i>Approximate Construction Contract Value - \$1,000,000; Duration – 178 days.</i></li> <li>Jan. '12 – Aug. '12: SR-713 (Kings Highway), Fort Pierce, FL (FDOT) Milling and resurfacing improvements on Kings Highway. Work also included pedestrian signal and ADA upgrades. <i>Approximate Construction Contract Value - \$1,400,000; Duration – 195 days.</i></li> <li>May '11 – Jul. '12: Sunrise Blvd./Oleander Ave./N. 29th St., Fort Pierce, FL (FDOT) Design Build project which entailed resurfacing improvements on N. 29th St. and bike lane widening, sidewalk improvements, drainage improvements and resurfacing on Oleander Ave. and Sunrise Blvd. <i>Approximate Construction Contract Value - \$1,300,000; Duration – 443 days.</i></li> <li>Sept. '11 – Jan. '12: SR-5 (US-1/Port St. Lucie Blvd.) Intersection Improvement, Port St. Lucie, FL (FDOT) Safety upgrades to the intersection of Port St. Lucie Blvd. and US 1. Project included new mast arms for signalization, widening and resurfacing. <i>Approximate Construction Contract Value - \$630,000; Duration – 119 days.</i></li> </ul>		
ab.	(1) TITLE AND LOCATION (City and State) <b>Culpepper &amp; Terpening, Inc., Fort Pierce, FL. Culpepper &amp; Terpening (C&amp;T). Assistant Construction Engineer</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2011</b>	CONSTRUCTION (If Applicable) <b>2011</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
	<i>Assistant Construction Engineer.</i> Mr. Haines worked on numerous public and private development projects, including site development, roadway construction, utility improvements, etc. Mr. Haines was responsible for plan review, shop drawing review and processing, invoice processing, utility coordination, certification to regulatory agencies, including water management districts, utility providers, etc. Mr. Haines also managed field inspection staff and coordinated closely with design and survey to resolve constructability issues. As an Assistant Construction Engineer, Mr. Haines was involved with the following key projects with the local municipalities. <b>C&amp;T Reference: Marcelo Dimitriou, PE, CEI Director, (772) 979-0082.</b> <ul style="list-style-type: none"> <li>Jul. '10 – May '11: N. 13th Street Improvements Phase II, Fort Pierce, FL (C&amp;T) Reconstruction project of North 13th St. from Orange Ave. to Avenue D. This project was a stimulus project funded by the FHWA. Included extensive maintenance of traffic adjustments and utility coordination with FPUA. Approximate Construction Contract Value - \$670,000; Duration – 240 days. Reference: Ed Seissiger, Project Coordinator, City of Fort Pierce, (772) 467-3780.</li> <li>Aug. '09 – Apr. '10: Walton Road Reconstruction, Port St. Lucie, FL (C&amp;T) Assistant Construction Engineer for construction project that included 4-laning of an existing 2-lane roadway, including construction of a closed drainage system and installation of mast arm signalization. Components of the project included numerous water main &amp; force main relocations, sidewalks, drainage, ponds, street &amp; pedestrian lighting, landscaping, signals, fiber interconnect, roadway widening and reconstruction. Approximate Construction Contract Value - \$1,000,000; Duration – 178 days. Reference: John Frank, PE, Assistant Road and Bridge Manager, St. Lucie County, (772) 462-2097.</li> <li>Aug. '07 – Feb. '11: Village Parkway Phases I &amp; II, Port St. Lucie, FL (C&amp;T) Construction project that included approximately 4 miles of new roadway and associated utilities through an undeveloped portion of grove land and an above ground impoundment connecting Tradition Parkway to Becker Rd. Construction included full clear &amp; grubbing, surcharging, water main &amp; force main installation, roadway construction, installation of a closed drainage system, sidewalk installation, new signalized intersections, street lighting, landscaping, irrigation, etc. Approximate Construction Contract Value - \$42,700,000; Duration – 1,398 days. Reference: Heath Stocton, PE, Assistant Public Works Director, (772) 370-8203.</li> </ul>		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Wesley Kraft, EI</b>	13. ROLE IN THIS CONTRACT <b>Deputy Project Manager</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>9</b>	b. WITH CURRENT FIRM <b>9</b>

15. FIRM NAME AND LOCATION FIRM NAME AND LOCATION (City and State) <b>Johnson, Mirmiran &amp; Thompson, Inc. (Fort Pierce, Florida)</b>
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16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. / Civil Engineering, University of South Florida, 2013 A.A. / Indian River State College, 2012	17. CURRENT PROFESSIONAL REGISTRATION CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Engineering Intern: FL 100017836
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
Mr. Kraft has over 9 years of experience working on Florida Department of Transportation projects in Districts 1, 4, and 5 providing CEI services. He has experience in many aspects of roadway construction, including earthwork, asphalt, drainage, CIP box culverts, drilled shafts, pile driving, overhead sign structures, MSE walls, and concrete Class I bridges. He is ambitious and demonstrates proficiency in his understanding of department expectations and procedural requirements to bring a project to successful completion. He's managed team members as a senior inspector and is now managing teams as a project administrator. Mr. Kraft is experienced with the various department utilized systems such as Citrix, Materials Acceptance System, Project Solve Sharepoint System, and others used to input, process, and store department and project-specific information. Mr. Kraft understands client expectations for quality and always strives to ensure the contractor is informed and familiar with the most up-to-date information prior to and during construction. Training/CTQPs include: QC Manager, Asphalt Paving L1 & L2, Final Estimates L1 & L2, Earthwork L1 & L2, ACI Field Testing Tech 1, FDOT Concrete Field Tech 1, Intermediate MOT, MSA Traffic Signal Inspector L1, Fiber Optics Technician, Drilled Shaft, Pile Driving, Stormwater Erosion and Sedimentation Control Inspector, Nuclear Radiation Safety, Auger Cast Pile, MSE Wall, Critical Structures, Silica Training, MRP Specialist Training, and HAZMAT. (TIN # K61388184)

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
<b>CEI Services for Floresta Dr. Phase II Reconstruction, St. Lucie County, FL</b>	<b>Sept. '22 – Ongoing</b>	<b>N/A</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>a.</b> <i>Assistant Project Manager.</i> This project includes improvements along a critical corridor of Port St. Lucie from the Elkham Waterway to Crosstown Parkway. Improvements include full reconstruction of the roadway and replacement of the bridge at Elkham Waterway, including medians, bike lanes, sidewalks, extensive underground drainage and utility relocations, lighting, landscaping, pond excavation, etc. The project includes close coordination with the public and City staff to minimize disruptions to the traveling public as this corridor includes an elementary school. Construction Contract Value – \$29.9 M; Duration – 730 days. <b>Reference: Heath Stocton, PE, Assistant Public Works Director, (772) 370-8203</b>		
<b>CEI Services for Edwards Rd. Reconstruction, St. Lucie County, FL</b>	<b>Aug. '22 – Ongoing</b>	<b>N/A</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>b.</b> <i>Assistant Project Manager.</i> This project is a low bid, design-build, off-system Local Agency Project that includes replacement of the drainage system damaged due to Hurricane Irma, utility relocations, full roadway reconstruction, signalization at the Oleander Ave. intersection to replace the existing span wire system with mast arms and milling & resurfacing of Oleander Ave. south to the railroad tracks. The project includes close coordination with local utility companies, railroad representatives, and FDOT's adjacent ATMS project. Construction Value - \$6.7M; Duration – 422 days. <b>Reference: Michael Harvey, EI, Project Manager, (772) 216-2586</b>		
<b>CEI Services for St. Lucie County Bridge Repairs (Project 18501 PH II, 11 Mile Rd over 10-Mile Creek), St. Lucie County, FL</b>	<b>2022</b>	<b>2022</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>c.</b> <i>Project Manager.</i> JMT provided CEI services to St. Lucie County to repair the 11 Mile Rd. bridge over 10-Mile Creek. Project items included pile jackets, joint and spall repair on deck, expansion joint replacement, riprap rubble, milling and resurfacing, and bridge mounted conduit repairs. Approximate Construction Contract Value – \$540,763; Duration – 155 Days. <b>Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.</b>		
<b>CEI Services for McCarty Ranch Water Quality Restoration Project (Area 2, Area 3, and Area 4), City of Port St. Lucie, FL</b>	<b>2023</b>	<b>2023</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>d.</b> <i>Project Manager.</i> The McCarty Ranch Extension Water Quality Projects with the City of Port St. Lucie are water farms in the west part of St. Lucie County. Construction includes clearing of exotics within the impoundment, seepage canals, a 7' tall perimeter berm to retain water pumped in by the proposed pump station, and water elevation control structures. Area 4 requires connection to an existing pump station with over 900' of 36" pipe above and below ground with multiple valves for servicing other compounds within the McCarty Ranch property. Additionally, unique sand filter diaphragms are installed at select locations to control soil pressures from damaging the new berm. These projects improve water quality in the adjacent C-23 canal and the discharge into the St. Lucie River. Approximate Construction Value \$1,912,815; Duration – 210 Days, \$2,093,804; Duration – 222 Days, \$2,520,824 – Duration 210 Days; respectively. <b>Reference: John Eason, PE, Utility Engineer, (772) 873-6487.</b>		

e.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for the SW Import Drive Sidewalk Phase I, Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2022</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Project Manager.</i> JMT is providing CEI services to the City of Port St. Lucie to install a 6 ft. wide concrete sidewalk on the west side of Import Dr. from Oakwood Rd. to Inca Terrace. Other project items included driveway and culvert replacement, swale realignment, cross drain replacement, updated signage, and striping of crosswalks. Approximate Construction Contract Value – \$644,923; Duration – 180 Days. <b>Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.</b>			
f.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for Floresta Dr. Phase I Reconstruction, St. Lucie County, FL.</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2022</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Assistant Project Manager.</i> This project includes improvements along a critical corridor of Port St. Lucie from Southbend Blvd. to the Elkham Waterway. Improvements include full reconstruction of the roadway, including medians, bike lanes, sidewalks, extensive underground drainage, major utility relocations, lighting, landscaping, pond excavation, etc. The project includes close coordination with the public and City staff to minimize disruptions from Traffic Control to utility transfers. Construction Contract Value – \$12M; Duration – 717 days. <b>Reference: Heath Stocton, PE, Assistant Public Works Director, (772) 370-8203.</b>			
g.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for St. Lucie County Bridge Repairs (Bridge No. 940037 – Keen Rd. and Bridge No. 940043 – Taylor Dairy Rd.), St. Lucie County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2020</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2020</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Project Manager.</i> JMT provided CEI services to St. Lucie County to repair the Keen Rd. bridge over Taylor Creek and Taylor Dairy Rd. bridge over the Ft. Pierce Farms Water Control District (FPFWD) Canal C-1. Other project items included drainage, joint and spall repair, guardrail replacement, and rip-rap rubble. Approximate Construction Contract Value – \$515,422.33; Duration – 152 days. <b>Reference: Michael Harvey, El, Project Manager, (772) 216-2586.</b>			
h.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for Darwin Bridge Rehabilitation, City of Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2019</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2019</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Project Administrator.</i> Darwin Bridge Rehab project improvements consist of rehabilitation of Darwin Bridge to include removing existing deck joints and replacing with joint nosing and poured joint material, repairing spalls on substructure bents, and coating underdeck spalls with corrosion inhibitor. Mr. Kraft's responsibilities include project management and inspection duties. <b>Reference: Thomas Salvador, City of Port St. Lucie PM (772) 871-5187</b>			
i.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for the Southbend Boulevard Sidewalk (Contract #20190049), City of Port St. Lucie, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2019</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2019</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Project Manager.</i> JMT is providing CEI services to the City of Port St. Lucie to install a 6 ft. wide concrete sidewalk on the west side of Southbend Boulevard from south of Eagle Drive to the Southbend Boulevard Roundabout. Other project items include drainage upgrades, guardrail replacement, and milling & resurfacing. Mr. Kraft is providing project management services. Approximate Construction Contract Value – \$233,671; Duration – 90 days. <b>Reference: Frank Knott, PM, City of Port St. Lucie (772) 344-4290.</b>			
j.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>SR A1A from East of Lyons Bridge to SR-732/Jensen Beach Blvd. (CA308, FM No. 43686915201), Martin County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2019</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2019</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Project Administrator.</i> This project was to complete the connection of sidewalk along the west side of SR A1A. Construction included concrete sidewalk and curb & gutter, pedestrian handrails, selective mangrove trimming, riprap, cross walk striping, and new signs. Approximate Construction Contract Value \$480,000 <b>Reference: Mark Freeman, FDOT PM (772) 429-4904</b>			
k.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for SR 15 (US 441) from S. of NE 304th St. to Osceola County Line, Okeechobee County (FM No. 438063-1-62-01; CA011)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2019</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2019</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Senior Inspector.</i> Monitored all paving operations including milling and tacking operations, and asphalt placement as well as coordinate with the contractor and quality control on daily activities, monitoring of MOT, and review of all field data. Upon completion this project had no straightedge or laser profiler deficiencies through the 19 lane miles for structural and friction courses. Approximate Construction Contract Value - \$3,730,005; Duration – 185 days. <b>Reference: Stacy Hill, PM, Heartland Operations (863) 991-4130.</b>			
l.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>FDOT Brevard Operations Permit Inspections, Brevard County (FM No. 435504-1-72-01; CR5310)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2018</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Inspector.</i> Mr. Kraft's duties included performing permit and drainage inspections for the FDOT Brevard Operations office at various construction projects throughout Brevard County. <b>Reference: Mark Harper, FDOT Operations Project Manager (321) 634-6076</b>			

<b>m.</b>	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for the Reconstruction of Midway Rd (CR-712) from west of 25th Street to east of US-1, St. Lucie County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2019</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2019</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Senior Inspector.</i> This project entails CEI services for congestion relief on a major St. Lucie County East-West evacuation corridor. This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway, realignment of the White City Park entrance, and numerous side street improvements. <b>Reference: John Spivey, TCOPs PM (772) 429-4868</b>			

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>R. Keith Kummer</b>	13. ROLE IN THIS CONTRACT <b>Senior Inspector</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>23</b>	b. WITH CURRENT FIRM <b>2</b>

15. FIRM NAME AND LOCATION FIRM NAME AND LOCATION *(City and State)*  
**Johnson, Mirmiran & Thompson, Inc. (Fort Pierce, Florida)**

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> High School Diploma	17. CURRENT PROFESSIONAL REGISTRATION CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> N/A
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
 Mr. Kummer has 23 years of construction inspection experience. His responsibilities include highly complex technical assignments in field surveying, construction layout, producing and verifying engineering computations, and inspecting and documenting all construction activities and progress. Training/CTQPs include: Asphalt Paving L1 & L2, Nuclear Gauge Safety, Earthwork L1 & L2, Intermediate MOT, ACI Field Testing 1, ACI CTCl Inspector 2, FDOT Drilled Shaft, FDOT Pile Driving, FDOT Concrete Field Tech 1, Final Estimates L1 & L2, IMSA Traffic Signal Inspector L1, Stormwater Erosion and Sedimentation Control Inspector, QC Manager, Post Tensioning L1, HAZWOPER 40 HR Certified, Critical Structures (TIN# K56073176)

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	<b>CEI Services for St. Lucie West Blvd. at SR-9/I-95 from Champions Way to Peacock Blvd., St. Lucie County, FL</b>	<b>May '22 – Ongoing</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Senior Inspector.</i> The project consists of widening St. Lucie West Blvd. at the I-95 interchange from Champions Way to Peacock Blvd. A new eastbound roadway and bridge over I-95 will be constructed, and the I-95 ramps will be reconstructed to increase capacity and alleviate traffic congestion. Additional work includes roadway reconstruction, milling, resurfacing and widening, earthwork, drainage, concrete sidewalk, curb and gutter, bridge construction, retaining walls, 7' buffered big lanes in each direction, lighting, signalization, landscaping, utility relocations, signage and pavement markings. Construction Value - \$15.5M; Duration – 588 days. <b>Reference: Marla Hewson, Treasure Coast Operations Project Manager, (772) 349-6728.</b>		
b.	<b>Treasure Coast Operations Center Continuing CEI Consultant Maintenance Support, SR 656 Bridge Beam Repairs (CA850, FM: 443223-1-62-01)</b>	<b>2022</b>	<b>2022</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Senior Inspector.</i> Lifting girders from caps for two spans of both east and west-bound lanes of 17th St. Bridge #880077 in order to repair spalls and broken strands is the main component of work. Also included are curb, gutter and traffic separator reconstruction, asphalt and MOT traffic shifts. \$1,500,000.00 <b>Reference: Kris Kehres FDOT Maintenance Engineer 772 429-4927</b>		
c.	<b>Treasure Coast Operations Center Continuing CEI Consultant Construction Support (C9M72; FM No. 43373226201), FL</b>	<b>Sept. '20 – Ongoing</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Senior Inspector.</i> Mr. Kummer is assisting Treasure Coast Operations with all Push Button projects under this contract. His responsibilities on the various Push Button projects include the oversight of roadway reconstruction, widening, signage upgrades, sidewalk, curb & gutter, signalization, lighting, milling, paving, and striping. \$2,000,000.00 <b>Reference: Kristy Keeler, CPM, FDOT Project Manager (772) 429-4895</b>		
d.	<b>SR 713 between SR 70 and north of SR 9 Overpass, FM No. 230256-6(&amp;7)-52-02</b>	<b>2020</b>	<b>2020</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Senior Inspector.</i> Senior Inspector for reconstruction of SR713 between SR70 and north of SR9 overpass including widening, milling and resurfacing of asphalt and concrete, sidewalks, shared use paths, drainage improvements including box culvert construction over column stabilized embankment, canal improvements including rip-rap and revetment systems, fencing, signing and pavement markings, signalization, ITS, lighting, landscaping and multiple semi-permanent MOT phases. \$45,000,000.00 <b>Reference: John Spivey, PM 772 465-7396.</b>		
e.	<b>Treasure Coast Operations Construction Office LAP, FM No. 410844-5-88-01</b>	<b>2019</b>	<b>2019</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Senior LAP Oversight Inspector.</i> Senior LAP Oversight Inspector for Crosstown Parkway Extension consisting of roadway and bridge construction, US1 and Village Green Parkway reconstruction. Signage and upgrades, sidewalk, curb & gutter, full signalization installations at new intersections as well as upgrades at existing, lighting, milling, paving, striping, drainage, segmental block wall, architectural towers, utility adjustments and new construction. \$111,000,000.00. <b>Reference: ChloAnn Lawrence, PM 772 201-7907, Diego Valesquez, LAP Coordinator 772 321-662</b>		

f.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Treasure Coast Operations Construction Office Push Button Contracts (FM No.'s 230431-9-52-01, 230458-7-52-01, 230431-8-52-01, &amp; 230438-8-52-01)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2018</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Senior Inspector.</i> Senior Inspector for the oversight inspector of roadway reconstruction, widening, signage upgrades, sidewalk, curb & gutter, signalization, lighting, milling, paving, striping, TMS site construction, utility adjustments, guardrail installations, MOT operations and plan reviews. \$3,600,000.00 Annually. <b>Reference: ChloAnn Lawrence, PM 772 201-7907, Diego Valesquez, PA 772 321-662, Michael Jacobs, PA 772 579-3276, Marla Hewson, PA 772 349-6728</b>			
g.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>SR 9 over Gatlin Blvd. and Midway Rd (FM No. 436646-1-52-01)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2017</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Senior Inspector.</i> Senior Inspector for four cast in place concrete bridge deck demolition and replacements on SR9 over Gatlin Blvd. and Midway Rd. Includes restoration of the existing asphalt beyond the bridge limits, replacement of guardrail and thrie-beam bridge connections, shoulder gutter and inlet grate replacements, pavement markings and signing; including overhead bridge mount sign panel replacements and multiple phases of semi-permanent MOT operations. Daily responsibilities include aren't limited to; coordinating and conducting all onsite inspections with a sr. bridge inspector and one junior inspector. Testing and acceptance of bridge deck and barrier wall demolition, forming, steel tying, concrete placement, curing and grooving. Asphalt milling and paving of temporary MOT works as well as friction course. Sign panel and structure acceptance, guardrail removal and installation and primary oversight of multiple MOT phases. Candidate responsible for authoring and editing the project long punch list as well as pre-construction field condition survey's, quantity tracking, as-builds, daily field reports, accident reports, and extra work reports. \$8,200,000.00 <b>Reference: Marla Hewson, PM 772 349-6728.</b>			
h.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Treasure Coast Operations Construction Office push button, SIGP, SCOP, and LAP Contracts</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2016</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Senior Inspector.</i> Senior Inspector for the oversight inspector of wetland mitigation, pedestrian & roadway bridge construction, visitor center erection, turn lane additions, roadway reconstruction, roadway widening, signage upgrades, sidewalk, curb & gutter signalization including drilled shafts, lighting, bike lane additions, guardrail, striping, utility adjustments, sheet pile wall, gravity wall, cantilever wall, and drainage construction. Daily (oversight) responsibilities include inspection compliance of FDOT, county, and city CEI inspector's procedures and protocol as called out by the project documents with emphasis on all above field operations, materials tracking, and work acceptance. Daily reporting to FDOT project coordinators of scope of work and quantities changes, time issues, procedural deficiencies, and unforeseen circumstances. Daily (push button) responsibilities include coordinating and conducting all onsite inspections, testing and acceptance of all earthwork courses from pipe backfill through finished base rock, directional bore monitoring, misc. drilled shaft installation verification, lighting system installation and acceptance from foundations to luminaires, signalization acceptance including pull box, conduit, and directional bore installation, asphalt paving including base courses, structural and friction, roadway striping layout per plan, sidewalk, and curb & gutter compliance with ADA, quantity tracking, as-builds, daily field reports, accident reports, and extra work reports. Also conducting formal pre-construction plans reviews including entry into FDOT ERC system on projects listed above. ~\$86,600,000.00 Annually. <b>Reference: ChloAnn Lawrence, PM 772 201-7907, Diego Valesquez, LAP Coordinator 772 321-662, Michael Jacobs, PA 772 579-3276, Marla Hewson, PA 772 349-6728.</b>			
i.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>SR 805 Intersection Improvements (FM No. 42978-1-52-10)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2015</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Lead Senior Inspector.</i> Senior Inspector for the FHWA funded SR805 intersection improvements with 12th Ave. S. including 2 new signalization structures, signal head upgrades, full intersection rewire, traffic signal camera installs including preemption with railroad, new cabinet and full contents replacement, asphalt milling and resurfacing, striping including re-configuration of intersection, street lighting additions, ADA curb ramp and sidewalk corrections, curb & gutter, and street signage updates. Daily responsibilities included but weren't limited to; coordinating and conducting all onsite inspections and work with one junior inspector, testing and acceptance of all earthwork courses from embankment through finished base rock, directional bore monitoring, misc. drilled shaft installation verification, lighting system installation and acceptance from foundations to luminaires, signalization acceptance including pull box, conduit, and directional bore installation, asphalt paving including base courses, structural and friction, roadway striping layout per plan, sidewalk, curb & gutter compliance with ADA. \$550,000.00. <b>Reference: Khosrow Ghandji, PA 561 531-3877, Matthew Carlock, PM 561 432-4966, Melanie Straub, PE 561 370-1125.</b>			

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Tearle "Terry" Hitchcox</b>	13. ROLE IN THIS CONTRACT <b>Junior Inspector</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>17</b>	b. WITH CURRENT FIRM <b>8</b>

15. FIRM NAME AND LOCATION FIRM NAME AND LOCATION *(City and State)*  
**Johnson, Mirmiran & Thompson, Inc. (Fort Pierce, Florida)**

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> High School Diploma	17. CURRENT PROFESSIONAL REGISTRATION CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Engineering Intern: FL 100017836
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Mr. Hitchcox has over 17 years of QC and CEI Inspection experience with numerous projects involving earthwork activities, including: base rock inspection, drainage pipe installation, subgrade inspection, embankment testing, etc. He also has extensive experience on asphalt projects including milling & resurfacing, widening, temporary diversions, etc. Mr. Hitchcox is well versed in concrete activities (flat work, bridge decks, super structure, mass concrete, cast in place structures, etc.), drilled shafts, asphalt and auger cast piles. Given his experience on FDOT roadway projects, he has a thorough understanding of the Department's requirements for producing quality projects and has a track record for providing quality inspection services. His experience on the Contractor side has allowed him to fully understand the transportation industry and intrinsic challenges that are faced on a daily basis in the field. Training/CTQPs include: Asphalt Paving L1 & L2, ACI Concrete Field Tech L1, Earthwork L1 & L2, Final Estimates L1 & L2, Auger Cast Piles, FDOT Drilled Shaft Inspection, Critical Structures, Intermediate MOT, FDOT Concrete Field Tech 1, HAZMAT, Stormwater Erosion and Sedimentation Control Inspector, MSE Wall, Nuclear Safety, IMSA Traffic Signal Inspector L1. (TIN# H32281675)

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	<b>FDOT Treasure Coast Operations CEI Services for A1A Widening and Turning Lanes Project, Vero Beach, FL</b>	<b>Sep. '22 – Ongoing</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>CEI Inspector.</i> This project includes widening for bike lanes, sidewalk and drainage modifications as well as widening for new turning lanes. Mr. Hitchcox is responsible for field inspections and oversight of all field operations. <b>Reference: Don Larson, FDOT PM, (772)828-1789</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	<b>CEI Services for the SW Import Drive Sidewalk Construction Project, St. Lucie, FL</b>	<b>Jan. '22 – Ongoing</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Senior Inspector.</i> This project includes construction for a new sidewalk, adjusting culverts, and replacing cross drains. Along with minor milling and resurfacing. Mr. Hitchcox is responsible for field inspections and oversight of all field operations. <b>Reference: Frank Knott, City Project Manager, (772)344-4290</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	<b>FDOT Orlando Operations, Orange County (\$5M; FM No. 435504-1-72-04; C9V91), FL</b>	<b>2021</b>	<b>2021</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Inspector.</i> Mr. Hitchcox's duties included performing permit, and drainage inspections for the FDOT Brevard Operations office on various construction projects throughout Brevard County. In addition, Mr. Hitchcox's duties also include inspection of various maintenance contract projects such as desilting, striping, and paving operations. Mr. Hitchcox monitored and reported the contractor's work assuring the proper documentation was produced and submitted to FDOT during and after inspections have been performed. In addition, he performed field inspections various roadway characteristics on State roads within the county in an effort to develop work needs for maintenance division. <b>Reference: Hector Matos, FDOT Maintenance Contract Manager (321) 634-6065</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	<b>SR-732/Jensen Beach Blvd. from US-1/SR-5 to Savannah Rd. (CA308; FM No. 43234816201), Martin County, FL</b>	<b>2020</b>	<b>2020</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Senior Inspector.</i> This project includes widening to accommodate new bike lanes as well as milling and resurfacing of all travel lanes and turn lanes. Other project improvements consist of sidewalk and pedestrian ramp upgrades, upgrading signing and pavement markings, new signalization and intersection lighting, drainage, and pedestrian upgrades. Mr. Hitchcox is performing as the Senior Inspector, responsible for oversight of all project activities and field operations. <b>Reference: Mark Freeman, FDOT PM (772) 429-4904</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	<b>District 5 Maintenance Personnel Support Services Contract, Brevard Operations (FM No. 435504-1-72-04; C9V91)</b>	<b>2019</b>	<b>2019</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Inspector.</i> Assisted the Brevard Operations Office with field inspection services on various contracts for city and county landscape maintenance, rest area landscape maintenance, sidewalk inspections, striping contracts, and mowing contracts. Mr. Hitchcox was responsible of performing Drainage and Driveway inspections for various roadways throughout Brevard County. <b>Reference: Barry Hallman, FDOT Brevard Operations (321) 634-6075</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	

f.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for SR 15 (US 441) from S. of NE 304th St. to Osceola County Line, Okeechobee County (CA011; FM No. 438063-1-62-01)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2019</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2019</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Inspector.</i> This project entailed CEI services for milling and resurfacing 9.445 miles of SR 15 in Okeechobee County. This project included shoulder treatments, drainage improvements as well as new signing and pavement markings. As Inspector, Mr. Hitchcox was responsible for managing Contractor operations, including milling, paving, drainage, MOT, signage, striping, vibration monitoring, etc. Approximate Construction Contract Value - \$3,700,000; Duration – 185 days. <b>Reference: Stacy Hill, Heartland Operations Project Manager, (863) 991-4130.</b>			
g.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for the Reconstruction of Midway Rd (CR-712) from west of 25th Street to east of US-1, St. Lucie County (C9P82; FM No. 231440-2-62-01)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2018</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Inspector.</i> This project entails CEI services for congestion relief on a major St. Lucie County East-West evacuation corridor. This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway, realignment of the White City Park entrance, and numerous side street improvements. The project also includes full bridge replacement, new signalized intersections, major drainage and utility improvements, pipe lining, street and pedestrian lighting, landscaping, irrigation, pond construction, etc. As an Inspector, Terry has been responsible for monitoring drainage and pond construction, temporary pavement installation for Special Detours and MOT shifts, and roadway reconstruction including subgrade and base rock placement. Approximate Construction Contract Value - \$26,800,000; Duration – 1,200 days. <b>Reference: John Spivey, PM (772) 429-4868.</b>			
h.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>I-95 from SR 60/Osceola Blvd. to Brevard County Line (Design Build), Indian River County (C9605; FM No. 413049-2-62-01)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2017</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Inspector.</i> This \$55M Design-Build project entailed widening of 12.5 miles of I-95 from 4 to 6 lanes from north of the SR 60/Osceola Blvd. Interchange to the Indian River/Brevard County line, and the replacement of bridges over CR- 512 with a new bridge to provide three lanes with widened shoulders in each direction. Other improvements included new drainage, rehabilitation of existing drainage by installing cured in place pipe liners, 16 new cast in place and precast box culverts, lighting, signalization, ITS, signage, landscaping, and sound wall construction. <b>Reference: Dale Walker, FDOT Project Manager (772) 429-4879 or (772) 201-8518.</b>			



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>James Bowyer</b>	13. ROLE IN THIS CONTRACT <b>Junior Inspector/Survey</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>17</b>	b. WITH CURRENT FIRM <b>&lt;1</b>

15. FIRM NAME AND LOCATION FIRM NAME AND LOCATION *(City and State)*  
**Johnson, Mirmiran & Thompson, Inc. (Fort Pierce, Florida)**

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> High School Diploma	17. CURRENT PROFESSIONAL REGISTRATION CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> N/A
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
 Mr. Bowyer has more than 17 years of experience in years' experience with roadway construction including surveying, construction and CEI services. Training/CTQPs include: Intermediate MOT, Earthwork L1, Final Estimates L1, Nuclear Radiation and HAZMAT (TIN# B600441742840)

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	<b>CEI Services for the Alcantarra Blvd. Sidewalk Project, Port St. Lucie, FL</b>	<b>Oct. '22 – Ongoing</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Inspector.</i> JMT is providing CEI services to the City of Port St. Lucie to install a 6 ft. wide concrete sidewalk on the south side of SW Alcantarra Blvd. from SW Savona Blvd. to SW Port St. Lucie Blvd. Other project items include new detectable warning surfaces at side street intersections, new signage and existing sign relocations, curb and gutter at the outside right-hand turn lane near SW PSL Blvd., swale liner installation, drainage improvements, and sodding. Approximate Construction Contract Value – \$448,862; Duration – 150 Days. <b>Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.</b>		
b.	<b>Community Asphalt OHL</b>	<b>2022</b>	<b>2022</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
	<i>Survey Party Chief.</i> As a Survey Party Chief which included: Completed complex technical surveys for the development of roadway, intersection and bridge construction plans. Analyzed survey reports, maps, blueprints and other topographical and geologic data to effectively plan projects. Facilitated construction by mapping out installations and establishing reference points, grades and elevations. Set up and application of Vogele robotic paver. Operated Trimble robotic survey instruments. Layout of job structures.		
c.	<b>Morrison Cobalt JV</b>	<b>2021</b>	<b>2021</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
	<i>Surveyor.</i> As a surveyor Mr. Bowyer's responsibilities included: Set control and layout for job structures. Operated equipment. Conducted routine quality audits and addressed needed revisions. Pile driver duties.		
d.	<b>Geotechnical Foundations, Inc.</b>	<b>2017</b>	<b>2017</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
	<i>Surveyor.</i> As a Survey Supervisor which included: Sets control and layout for job structures, H beams, and sound walls. Supervise pile driving crew. Operates equipment including loaders and backhoes. Conducts routine quality audits and initiates necessary corrective action plan.		
e.	<b>Archer Western Contractors, Inc</b>	<b>2014</b>	<b>2014</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
	<i>Surveyor.</i> As a surveyor which included: Analyzed survey reports, maps, blueprints and other topographical and geologic data to effectively plan projects. Facilitated construction by mapping out installations and establishing reference points, grades and elevations. Set up and application of Vogele robotic paver. Operated Trimble robotic survey instruments. Layout of job structures.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>A. Lee Watts III, PE</b>	13. ROLE IN THIS CONTRACT <b>QA/QC Reviewer</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>38</b>	b. WITH CURRENT FIRM <b>10</b>

15. FIRM NAME AND LOCATION FIRM NAME AND LOCATION *(City and State)*  
**Johnson, Mirmiran & Thompson, Inc. (Fort Pierce, Florida)**

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S. / Civil Engineering, Auburn University, 1982	17. CURRENT PROFESSIONAL REGISTRATION CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Engineer: FL 38866
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
 Mr. Watts' 38 years of CEI experience includes roadway and bridge construction projects for FDOT Districts 1, 2, 3, 4, 7, and Turnpike. His unique expertise includes conventional and design-build contract administration on extensive interstate/toll facilities, claim analysis and resolutions, CPM scheduling, project constructability issues, specialized maintenance of traffic alignments, and DRB proceedings. In addition to his proven technical performance on signature projects along I-75 and I-95, Mr. Watts' proactive management approach and dedication to client service have been instrumental to his success on numerous FDOT contracts. Training/CTQPs include: QC Manager, MOT Advanced, SBCCI Building Inspector, Critical Structures (TIN # W32005259)

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	<b>CEI Services for St. Lucie West Blvd. at SR-9/I-95 from Champions Way to Peacock Blvd., St. Lucie County, FL</b>	<b>Jan. '22 – Ongoing</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Sr. Project Engineer.</b> The project consists of widening St. Lucie West Blvd. at the I-95 interchange from Champions Way to Peacock Blvd. A new eastbound roadway and bridge over I-95 will be constructed, and the I-95 ramps will be reconstructed to increase capacity and alleviate traffic congestion. Additional work includes roadway reconstruction, milling, resurfacing and widening, earthwork, drainage, concrete sidewalk, curb and gutter, bridge construction, retaining walls, 7' buffered big lanes in each direction, lighting, signalization, landscaping, utility relocations, signage and pavement markings. Construction Value - \$15.5M; Duration – 588 days. <b>Reference: Marla Hewson, Treasure Coast Operations Project Manager, (772) 349-6728.</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	<b>Direct Connect Ramps to/from I-4 (SR-400) and Turnpike Mainline (SR-91) &amp; Implementation of Express Lanes on Turnpike Mainline (SR-91) from the Beachline (SR-528) to I-4 (SR-400) (Design-Build), Orange County, FL</b>	<b>Dec. '17 – Ongoing</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Sr. Project Engineer.</b> The primary scope of the project is the construction of direct connectivity ramps (2,140 LF) from the Turnpike mainline (SR-91) to and from I-4 (SR-400) between MP 253.581 and MP 260.506 to improve traffic operations and safety at the interchange. Six existing toll sites within the project limits will be replaced with the implementation of all-electronic tolling (AET). The project also includes the implementation of express lanes on the Turnpike mainline between the Beachline (SR-528) and I-4 and operational improvements at the Consulate Drive southbound off-ramp with AET and intersection improvements. Miscellaneous roadside improvements, pavement milling, and resurfacing are also provided on the Turnpike mainline from Orange Blossom Trail (U.S.-441) to I-4, and the milling and resurfacing of portions of the mainline pavement currently being constructed south of SR-528 and portions of the Turnpike Mainline north of I-4. Construction Cost: \$83M; <b>Reference: Steve Wigle, PE Project Manager (407) 509-8541</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	<b>I-95 from SR-60/Osceola Boulevard to Brevard County Line, Indian River County, FL</b>	<b>2018</b>	<b>2018</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Project Manager.</b> This design-build project entailed widening 12.5 miles of I-95 from 4 to 6 lanes from north of the SR-60/Osceola Boulevard interchange to the Indian River/Brevard County line and replacing bridges over CR-512 with a new bridge to provide three lanes with widened shoulders in each direction. Other improvements included new drainage, rehabilitation of existing drainage by installing cured-in-place pipe liners, 16 new cast in place and precast box culverts, lighting, signalization, ITS, signage, landscaping, and sound wall construction. Construction Cost: \$55M; <b>Reference: Katherine Kehres, PE, TCOPs Project Manager, (772) 429-4889</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	<b>CEI Services for SR-786/PGA Boulevard from SR-710 to West of Florida's Turnpike (Design-Build), Palm Beach County, FL</b>	<b>2017</b>	<b>2017</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Sr. Project Engineer.</b> This design-build project raised the profile of the existing two-lane roadway to provide flood protection for the roadway itself and to restore the hydrological connections associated with the Loxahatchee Slough. The project included the construction of a new single-span bridge to replace an existing culvert, thus expanding the flow capacity through this section of roadway and providing a new kayak trail and 8 ft. critter crossing. The roadway's profile was elevated approximately 3 ft using asphalt. An existing 14x20 flat slab box culvert was also replaced with dual 54-inch and dual 72-inch culvert system. Construction Cost: \$9.5M; <b>Reference: Melanie Straub, PE, FDOT D4 PBOPS (561) 432-4966</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	

e.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for CEI Group 15-E, Tallahassee, Leon County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2016</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Sr. Project Engineer.</i> Two 3R projects involved milling, resurfacing, safety and drainage improvements for SR-10 (U.S.-90) (Mahan Drive) from SR-265 (Magnolia Drive) to SR-261 (U.S.-319/Capital Circle) and SR-261 (U.S.-319/Capital Circle) from Park Avenue to CR-151 (Centerville Road). Construction Cost: \$2M; <b>Reference: Tony Walters, FDOT Project Manager, Midway Operations Center (850) 694-5112</b>			
f.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Veterans Expressway Widening, Tampa, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2017</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>QA/QC Officer.</i> Provided assistance and reviewed such items as utilities, maintenance of traffic, construction sequences and phasing, permit requirement and conditions, quantities, and equipment requirements. Construction Cost: \$46M; <b>Reference: Fernando Gomez, Project Manager (407) 468-7909</b>			
g.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>District 5 Maintenance Personnel Support Services, Lake Mary, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2015</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>QA/QC Officer.</i> Provided assistance and reviewed such items as utilities, maintenance of traffic, construction sequences and phasing, permit requirement and conditions, quantities and equipment requirements. Construction Cost: Various; <b>Reference: Miguel Melendez, Project Manager (386) 943-5292</b>			

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Luke Brolmann, PE</b>	13. ROLE IN THIS CONTRACT <b>QA/QC Reviewer</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>11</b>	b. WITH CURRENT FIRM <b>11</b>

15. FIRM NAME AND LOCATION FIRM NAME AND LOCATION *(City and State)*  
**Johnson, Mirmiran & Thompson, Inc. (Fort Pierce, Florida)**

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S. / Civil Engineering, University of North Florida, 2011 A.A./ Engineering, Indian River State College, 2008	17. CURRENT PROFESSIONAL REGISTRATION CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Engineer: FL 82308
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
 Mr. Brolmann is a hardworking, growth-driven, and highly focused civil engineer with excellent problem-solving, analytical, management, and organizational skills. He can work independently as well as on a team with complex projects. He has progressed from Inspector to Project Administrator over the past 11 years on FDOT and Treasure Coast Operations roadway and bridge projects due to his keen eye for detail and professionalism. He is well-versed in FDOT programs such as PrC and MAC. He also excels in written, oral, and technical communication. Through his engineering internship, Mr. Brolmann gained technical expertise in the design of transportation/civil projects and can bring a unique perspective to CEI projects. He also has experience on the contractor's side on vertical construction projects. Training/CTQPs include: Earthwork L1 & L2, Final Estimates L1 & L2, Asphalt Paving L1 & L2, Advanced MOT, QC Manager, ACI Field Testing Tech 1, Pile Driving Inspection, IMSA Traffic Signal Technician, Nuclear Safety, HAZMAT, NRMCA Pervious Concrete Tech, Critical Structures, Auger Cast Pile, MSE Wall, Radiation Safety Officer, OSHA 10 Hr. Safety & Health, Stormwater Erosion and Sedimentation Control (TIN # B645538861020)

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	<b>CEI Services for Header Canal Rd. Resurfacing Project, St. Lucie County, FL</b>	<b>Jan. '23 – Ongoing</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Project Administration.</b> JMT is providing CEI services to St. Lucie County for full depth reclamation and Cold In-Place Recycling of 5.1 miles of Header Canal Rd. from SR-70 (Okeechobee Rd.) to SR-68 (Orange Ave.). Other project items include milling and resurfacing with Hot Mix Asphalt, minor widening, shoulder stabilization, and new pavement markings. Construction Value - \$3.2M; Duration – 42 days. <b>Reference: Shannon Mieras, Project Manager, (772) 462-1813</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	<b>CEI Services for the Alcantarra Blvd. Sidewalk Project, Port St. Lucie, FL</b>	<b>Jun. '22 – Ongoing</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Sr. Project Engineer.</b> JMT is providing CEI services to the City of Port St. Lucie to install a 6 ft. wide concrete sidewalk on the south side of SW Alcantarra Blvd. from SW Savona Blvd. to SW Port St. Lucie Blvd. Other project items include new detectable warning surfaces at side street intersections, new signage and existing sign relocations, curb and gutter at the outside right-hand turn lane near SW PSL Blvd., swale liner installation, drainage improvements, and sodding. Approximate Construction Contract Value – \$448,862; Duration – 150 Days. <b>Reference: Frank Knott, City of Port St. Lucie Project Manager, (772) 344-4290.</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	<b>CEI Services for the Reconstruction of Port St. Lucie Blvd. from Darwin to Alcantarra, St. Lucie County, FL</b>	<b>Jan. '22 – Ongoing</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Sr. Project Engineer.</b> This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway on a critical north-south corridor of southern Port St. Lucie. The project includes full roadway reconstruction and widening, concrete (sidewalk, driveway, curb and gutter, and textured), earthwork construction for a new pond and ditch excavation, a new closed drainage system, extensive utility relocations including water/wastewater, lighting, new signalization, landscaping & irrigation, etc. Construction Value - \$11.5M; Duration – 709 days. <b>Reference: Mark Freeman, Treasure Coast Operations Project Manager, (772) 429-4904.</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	<b>CEI Services for the Reconstruction of Midway Road (CR-712) from west of 25th Street to East of US 1, St. Lucie County, FL</b>	<b>2022</b>	<b>2022</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Project Administrator.</b> This project entails CEI services for congestion relief on a major St. Lucie County East-West evacuation corridor. This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway, realignment of the White City Park entrance, and numerous side street improvements. It also includes full bridge replacement with Florida I-beams and cast-in-place bridge deck, retaining walls, new signalized intersections with drilled shafts, major utility improvements, new street lighting, landscaping, irrigation, etc. As the Project Administrator, Mr. Brolmann is responsible for full administration of all project activities, management of CEI field staff, coordination with stakeholders, review of all project documentation, plan revisions, contractor submittals, shop drawings, as-builts, etc. Approximate Construction Contract Value - \$31,400,000; Duration – 1,748 days. <b>Reference: John Spivey, Treasure Coast Operations Project Manager, (772) 429-4868.</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	

e.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for SR-9/I-95 over Gatlin Boulevard and SR-9/I-95 over CR-712 Midway Road, St. Lucie County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2022</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p><i>Project Administrator.</i> This project entailed replacing four bridge decks including traffic railings and expansion joints with backer rods and non-shrink grout at End Bents 1 &amp; 5. The replacement occurred in two phases: Phase I included the demolition and placement of the outside half of the bridge decks (29.38' wide) and Phase II mirrored Phase I construction to the inside of the bridge decks. The four bridge decks are located at the northbound (Bridge No. 940109) and southbound (Bridge No. 940108) I-95 over Gatlin Boulevard and northbound (Bridge No. 940111) and southbound (Bridge No. 940112) I-95 over Midway Road. Approximate Construction Contract Value - \$8.2M; Duration – 412 days. <b>Reference: Marla Hewson, Treasure Coast Operations Project Manager, (772) 349-6728.</b></p>			
f.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>SR-710/Beeline Highway, Martin County MP 2.00 to MP 12.60, Indiantown, FL, Martin County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2016</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p><i>Sr. Inspector/Assistant Project Administrator.</i> Design-build project which consisted of CEI services to provide passing lane improvements along SR-710 from the FEC RR crossing at MP 2.0 east of Okeechobee/Martin County Line to MP 12.0 just west of SW Fox Brown Road, for a total distance of 10 miles. This project entailed widening along SR-710 in Martin County to provide two passing lane segments, one in each direction of travel, milling and resurfacing of the existing lanes, new shoulders, proposed guardrail placement, drainage modifications, new signing and pavement markings and other minor improvements within the limits of the passing lanes. Construction Value - \$6.9M; Duration – 778 days. <b>Reference: Chad Rucks, PE, Treasure Coast Operations Project Manager, (772) 429-4938.</b></p>			
g.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for SR-5 (US-1) Resurfacing, Martin County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2014</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2014</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p><i>Sr. Inspector.</i> 3R contract which entailed milling and resurfacing along U.S.-1 from just south of the intersection at County Line Road to the pavement seams at approximate MP 5.05. This project also included cross slope corrections and widening in various areas. On the west side of U.S.-1, a 10-foot-wide shared use path (SUP) was constructed from County Line Road to Jonathan Dickinson State Park (JDSP). Other project improvements included the construction of ADA ramps, signalization improvements, ITS upgrades, installation of a traffic monitoring site, count station, guardrail, signage, pavement markings and utility adjustments. Construction Value - \$4.4M; Duration – 382 days. <b>Reference: Kris Kehres, PE, Treasure Coast Operations Project Manager, (772) 465-7396 or (772) 429-4927</b></p>			
h.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Treasure Coast Operations General Assign (Multiple Projects), Martin County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2013</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p><i>Inspector/Engineering Intern.</i> Mr. Brolmann provided inspection services on a milling and resurfacing project along SR-A1A from east of St. Lucie River Bridge to west of Sewall's Point Bridge (FM No. 424639-1). Scope of work on this \$816K construction project included .376 miles of milling and resurfacing, sidewalk, median, landscape, irrigations, pedestrian lighting, and drainage improvements. <b>Reference: Katherine Kehres, PE, Treasure Coast Operations Project Manager, (772) 519-8277 or (772) 429-4889.</b></p>			

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>David Stickles, PSM</b>	13. ROLE IN THIS CONTRACT <b>Survey</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>29</b>	b. WITH CURRENT FIRM <b>29</b>

15. FIRM NAME AND LOCATION FIRM NAME AND LOCATION *(City and State)*  
**Johnson, Mirmiran & Thompson, Inc. (Fort Pierce, Florida)**

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S./ Geography and Land Surveying, Towson University, 2005 A.S./ Surveying, Community College of Baltimore County, 2001	17. CURRENT PROFESSIONAL REGISTRATION CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Surveyor & Mapper: FL 7201
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
 Mr. Stickles has 29 years of experience in all aspects of Surveying and Subsurface Utility Exploration. His experience includes boundary and topographic surveys, construction stakeout, hydrographic surveys, aerial photogrammetry, terrestrial HD scanning, UAS, as well as utility designating and locating for numerous projects throughout the United States. He is familiar with the latest technologies and innovations in Surveying and SUE including GPS, hi-definition scanning and robotic total stations, UAS (drones), detection of underground utilities, and vacuum based excavation. Mr. Stickles has provided project leadership on numerous projects where he was responsible for staff and client communication, contract review, task proposal development, task scheduling, assignment of unit resources, budget review/adherence, quality assurance, and coordination of staff activities.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	<b>Districtwide Minor Design Services/Production Support, FL</b>	<b>2019 – Ongoing</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Senior Surveyor.</i> This was a task-work-order driven contract consisting of providing design services for transportation projects, including resurfacing, restoration, and rehabilitation (RRR) projects; intersection safety improvements; operational/ capacity improvements; RFP preparation; and in-house PM/production support.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	<b>Miscellaneous Professional Services for Transportation Development &amp; Design Engineering Services, Hillsborough County, FL</b>	<b>2018 – Ongoing</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Senior Surveyor.</i> JMT has been under similar contracts with Hillsborough County continuously for nearly 20 years. Task work orders are issued from various sections within the Hillsborough County Public Works Department. These projects have included intersection safety reviews and operational improvements, roadway resurfacing and ADA improvements, a roundabout, complete streets projects, traffic operations design, drainage improvements, school safety improvements, construction inspection, and master planning for sidewalk and intersection improvement programs, and shared use paths.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	<b>Miscellaneous Professional Engineering for Bicycle and Pedestrians, Hillsborough County, FL</b>	<b>2018</b>	<b>2018</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Senior Surveyor.</i> JMT was selected to provide Hillsborough County with bicycle and pedestrian related support including the design of multi-use trails, sidewalks, and bicycle lanes, as well as safety improvements identified through the Safe Routes to School program. These improvements include shoulder widening and the installation of sidewalks near schools.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	<b>SR 80/Southern Boulevard Ramps and SR 7/US 441, Palm Beach County, FL</b>	<b>2022</b>	<b>2022</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Senior Surveyor.</i> This contract included design to accommodate additional right and left turn lanes from SR 7 south of C-51 canal to north of SR 80 WB ramps. As well as widening of NB SR 7 and SB SR 7 to accommodate addition turn lanes and the widening of the bridges over the C-51 canal. Surveying services included the establishment of horizontal and vertical control using a combination of static GPS and conventional traverse. GPS data was post-processed against the Florida FPRN using four (4) continuously operating base stations. Elevations were established from digital levels off published benchmarks. Topographic surveys used a combination of electronic data collection as well as hi-definition scanning to capture road surfaces due to extreme traffic conditions. Post processing of survey data merged the two formats together for a seamless topographic map with detailed contours of the full project site. Hydrographic surveys were performed on the C-51 canal upstream and downstream of the SR 7 / US 441 crossing and merged with the full topographic surveys. As part of the scope of work, JMT also provided sectional/grant surveys and subdivision locations. From the established traverse, JMT located existing ¼ corner and 1/8 corners for multiple townships. This information, along with historical baseline and right of way drawings was used to reestablish the rights-of-way for SR 7 / US 441 and SR 80 ramps and mainline.	<input checked="" type="checkbox"/> Check if project performed with current firm	

e.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>SR-826/Sunny Isles Boulevard from NE 35th Avenue to SR-A1A/Collins Avenue, Miami, FL.</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2020</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2020</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Senior Surveyor.</i> Mr. Stickles was asked to investigate a series of storm drain manholes located just outside of the original topographic limits supplied by the FDOT D6 at the intersection of Sunny Isles Boulevard (NE 163rd Street) and North Bay Road. The system of manholes collected storm drain runoff from 163rd Street and North Bay Road and connect to drain inlets along the curb of both roads. Crews opened all manholes to determine size and type of pipes as well as approximate invert depths as standing water was present in all manholes. Outfall pipes were also visible at low tide and were obtained using conventional surveying methods and tied to site control. Mr. Stickles also led the survey crew in obtaining the information as well downloading, and processing in Microstation using the FDOT Standards and supplying to our in-house engineers for further evaluation.		
f.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Lake Jesup Nutrient Reduction and Flow Enhancement, Seminole County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2021</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2021</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Survey Project Manager.</i> David oversaw the day-to-day operations including crew assignment, equipment resource scheduling, and communication with our internal staff. The project consisted of obtaining topographic information across a very large tract of land. Conditions were poor, as summer rains kept the farmland wet and difficult to cross. Survey crews performed cross section over 8,500 linear feet and 350 acres of topo to develop 1' contours. David also road along on the airboat to help ESP perform hydrographic surveys and additional section in the areas our crew could not physically reach.		
g.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Surveying Services for Sebring Parkway Project from US 27 to Cleveland Road, Highlands County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2020</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2020</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Project Manager.</i> Survey consisted of mapping from the intersection of US 27 along Sebring Parkway to Cleveland Road. Due to the high volume of vehicular traffic, David decided to use a terrestrial based Hi-Definition Scanner to obtain the topographic data collection in conjunction with GNSS RTK Data Collection and traditional angle distance methodology in canopied areas. Using a Trimble SX10 Scanner, 100 Scan worlds were collected after a 27-point traverse was set and run using traditional angle and distance technology and differential leveling techniques. All field data was downloaded and developed into an AutoCAD basemap to the County's standards. This innovative technique kept JMT surveyors out of moving traffic and without the expense of maintenance of traffic.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Edward Stepaniak</b>	13. ROLE IN THIS CONTRACT Survey	14. YEARS EXPERIENCE	
		a. TOTAL 26	b. WITH CURRENT FIRM 6

15. FIRM NAME AND LOCATION FIRM NAME AND LOCATION *(City and State)*  
**Johnson, Mirmiran & Thompson, Inc. (Fort Pierce, Florida)**

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> AutoCAD/ Indian River Community College, 2006 High School Diploma	17. CURRENT PROFESSIONAL REGISTRATION CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> N/A
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
 With 26 years of land and heavy construction surveying, roadway, and bridge CEI experience, Mr. Stepaniak is very knowledgeable of the principles, practices, and procedures of ALTA surveys, topographic and boundary surveys, field engineering, construction layout, and inspection. He is mindful of safety and security procedures including proper use of equipment and materials. During his 19 years as a Survey Party Chief, his capabilities include making and checking survey computations; supervising a survey party; problem-solving skills related to land surveying and roadway construction activities; collaboration and management skills and excellent communication skills in working with FDOT, local agencies and the private sector. He is also skilled in prioritizing and planning work activities, efficient time management and delineating goals and objectives for tasks at hand. His survey experience is a huge asset to the Team when performing Inspection duties.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	<b>SR-826/Sunny Isles Boulevard from NE 35th Avenue to SR-A1A/Collins Avenue, Miami, FL.</b>	<b>2020</b>	<b>2020</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Survey Party Chief.</i> Mr. Stepaniak was asked to investigate a series of storm drain manholes located just outside of the original topographic limits supplied by the FDOT D6 at the intersection of Sunny Isles Boulevard (NE 163rd Street) and North Bay Road. The system of manholes collected storm drain runoff from 163rd Street and North Bay Road and connect to drain inlets along the curb of both roads. Crews opened all manholes to determine size and type of pipes as well as approximate invert depths as standing water was present in all manholes. Outfall pipes were also visible at low tide and were obtained using conventional surveying methods and tied to site control. Data was downloaded, and process in Microstation using the FDOT Standards and supplied to our in-house engineers for further evaluation.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	<b>SR-80/Southern Boulevard Ramps and SR-7/US-441, Palm Beach County, FL</b>	<b>2022</b>	<b>2022</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Survey Party Chief.</i> This contract included design to accommodate additional right and left turn lanes from SR-7 south of C-51 canal to north of SR-80 WB ramps. As well as widening of NB SR-7 and SB SR-7 to accommodate addition turn lanes and the widening of the bridges over the C-51 canal. Surveying services included the establishment of horizontal and vertical control using a combination of static GPS and conventional traverse. GPS data was post-processed against the Florida FPRN using four (4) continuously operating base stations. Elevations were established from digital levels off published benchmarks. Topographic surveys used a combination of electronic data collection as well as hi-definition scanning to capture road surfaces due to extreme traffic conditions. Post processing of survey data merged the two formats together for a seamless topographic map with detailed contours of the full project site. Hydrographic surveys were performed on the C-51 canal upstream and downstream of the SR-7 / US-441 crossing and merged with the full topographic surveys.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	<b>Surveying Services for Sebring Parkway Project from US 27 to Cleveland Road, Highlands County, FL.</b>	<b>2020</b>	<b>2020</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Survey Party Chief.</i> Survey consisted of mapping from the intersection of U.S. 27 along Sebring Parkway to Cleveland Road. Due to the high volume of vehicular traffic, JMT decided to use terrestrial based Hi-Definition Scanner to obtain the topographic data collection in conjunction with GPS RTK Data Collection and traditional angle distance methodology in canopied areas. Mr. Stepaniak used a Leica SX10 Scanner and established a 27-point traverse using traditional angle & distance technology and digital leveling techniques. All field data was downloaded and developed into an AutoCAD base map to the County's standards. Additional scan data was also exchanged with the county for possible future use. This innovative technique kept JMT surveyors out of moving traffic and without the expense of maintenance of traffic.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	<b>CEI Services for the Reconstruction of Port St. Lucie Blvd. from Darwin to Alcantarra, St. Lucie County, FL</b>	<b>Jan. '22 – Ongoing</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <i>Inspector.</i> This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway on a critical north-south corridor of southern Port St. Lucie. The project includes full roadway reconstruction and widening, concrete (sidewalk, driveway, curb and gutter, and textured), earthwork construction for a new pond and ditch excavation, a new closed drainage system, extensive utility relocates including water/wastewater, lighting, new signalization, landscaping & irrigation, etc. Construction Value - \$11.5M; Duration – 709 days. <b>Reference: Mark Freeman, Treasure Coast Operations Project Manager, (772) 429-4904.</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	



e.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for St. Lucie West Blvd. at SR-9/I-95 from Champions Way to Peacock Blvd., St. Lucie County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>Jan. '22 – Ongoing</b>	CONSTRUCTION <i>(If Applicable)</i> <b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<p><i>Inspector.</i> The project consists of widening St. Lucie West Blvd. at the I-95 interchange from Champions Way to Peacock Blvd. A new eastbound roadway and bridge over I-95 will be constructed, and the I-95 ramps will be reconstructed to increase capacity and alleviate traffic congestion. Additional work includes roadway reconstruction, milling, resurfacing and widening, earthwork, drainage, concrete sidewalk, curb and gutter, bridge construction, retaining walls, 7' buffered big lanes in each direction, lighting, signalization, landscaping, utility relocations, signage and pavement markings. Construction Value - \$15.5M; Duration – 588 days. <b>Reference: Marla Hewson, Treasure Coast Operations Project Manager, (772) 349-6728.</b></p>		
f.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for the Reconstruction of Midway Rd (CR-712) from west of 25th Street to east of US-1, St. Lucie County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2022</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<p><i>Inspector's Aide.</i> This project entailed CEI services for congestion relief on a major St. Lucie County East-West evacuation corridor. This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway, realignment of the White City Park entrance, and numerous side street improvements. It also included full bridge replacement with Florida I-beams and cast-in-place bridge deck, retaining walls, new signalized intersections with drilled shafts, major utility improvements, new street lighting, landscaping, irrigation, etc. Mr. Stepaniak assisted in acquiring signed license agreements; meeting with property owners, performing reviews of miscellaneous commitments provided in project legal documents; continually providing FDOT with updated R/W maps noting procured license agreements; assisting with utility relocation inspections including survey verification of pole stake locations; performing plan reviews and attending design, R/W, and various other project meetings. He was also in charge of performing weekly site surveys to resolve design discrepancies, verify drainage features including ponds, ditches, control structures, etc., environmental inspections, and concrete flatwork. Approximate Construction Contract Value - \$31,000,000; Duration – 1,690 days. <b>Reference: John Spivey, Treasure Coast Operations Project Manager, (772) 429-4868.</b></p>		
g.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Community Asphalt/OHL, Vero Beach, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2016</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<p><i>Survey Party Chief.</i> Mr. Stepaniak was involved in the road/highway construction layout. He was also responsible for the coordination of subcontractors and on-site construction activities, plan and field calculations and performed plans and constructability reviews. <b>Reference: Jim McGibbon (772) 316-1746</b></p>		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Richard Dovey</b>	13. ROLE IN THIS CONTRACT <b>Drone Technology</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>15</b>	b. WITH CURRENT FIRM <b>15</b>

15. FIRM NAME AND LOCATION FIRM NAME AND LOCATION *(City and State)*  
**Johnson, Mirmiran & Thompson, Inc. (Fort Pierce, Florida)**

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> High School Diploma	17. CURRENT PROFESSIONAL REGISTRATION CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> N/A
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
 Mr. Dovey is a qualified Senior Roadway and Bridge Inspector with more than 15 years of experience providing inspection duties for FDOT Treasure Coast Operations in District 4. He has proficient knowledge in MOT, Asphalt, Earthwork, Structures, Drilled Shaft, Pile Driving, Drainage, Guardrail, Signalization, Lighting, Pavement Markings, Signage, and Environmental inspection as well as Final Estimates and Materials Certification Preparation. He has prior experience in performing QC testing on various private, County and FDOT projects which helps to promote a unique rapport and a teamwork atmosphere with the Contractor's staff. Training/CTQPs include: final Estimates L1 & L2, Earthwork L1 & L2, Asphalt Paving L1 & L2, FDOT Concrete Field Tech L1 & L2, Drilled Shaft, Pile Driving, Nuclear Radiation Safety, Stormwater Erosion and Sedimentation Control Inspector, Intermediate MOT, HAZMAT, Critical Structures, MSE Wall, Auger Cast Piles, CSX Worker Safety, FEC Safety, IMSA Traffic Signal Inspector, ACI Field testing, ACI Concrete Transportation Inspection L2, UAS Pilot Drone Support (TIN# D10074187)

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	<b>CEI Services for the Reconstruction of Port St. Lucie Blvd. from Darwin to Alcantarra, St. Lucie County, FL</b>	<b>Mar. '22 – Ongoing</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Sr. Inspector.</i> This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway on a critical north-south corridor of southern Port St. Lucie. The project includes full roadway reconstruction and widening, concrete (sidewalk, driveway, curb and gutter, and textured), earthwork construction for a new pond and ditch excavation, a new closed drainage system, extensive utility relocates including water/wastewater, lighting, new signalization, landscaping & irrigation, etc. Construction Value - \$11.5M; Duration – 709 days. <b>Reference: Mark Freeman, Treasure Coast Operations Project Manager, (772) 429-4904.</b>		
b.	<b>Continuing Services for CEI with Treasure Coast Operations (CA850; FM No. 433735-1-62-01), Indian River, St. Lucie, and Martin County, FL</b>	<b>2022</b>	<b>2022</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Sr. Inspector.</i> Mr. Dovey worked on numerous hybrid contracts with the Operations Center, including the Gatlin Park & Ride Improvements, Britt Rd. Improvements, Grey Twig, Regency Dunes, CR-512, Dixie Highway, etc. Project improvements included striping, signage, mast arms, interconnect improvements, asphalt paving operations, driveway reconstruction, sidewalk improvements, etc. Approximate CEI Contract Value - \$5,000,000; Duration – 1,825 days. <b>Reference: Kristy Keeler, FDOT PM (772) 429-4895.</b>		
c.	<b>CEI Services for Glades Cut-off Rd., St. Lucie County, FL</b>	<b>2022</b>	<b>2022</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Sr. Inspector.</i> The multiphase project consisted of milling and resurfacing of 1" asphalt, Cold-in-Place paving with 2" structural asphalt and the installation of various width safety edges over approximately 20+ lane miles. Project also included standard paint striping and miscellaneous grading. Approximate Construction Value - \$3.0M; Duration – 150 Days. <b>Reference: Shannon Mieras, St. Lucie County Project Manager, (772) 462-2813.</b>		
d.	<b>CEI Services for North Bridge Aluminum Test Panel, St. Lucie County, FL</b>	<b>2021</b>	<b>2021</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Sr. Inspector.</i> The project consisted of cut and removal of degraded steel grate on the western portion of the bascule bridge on A1A over the Intercoastal Waterway in Ft. Pierce, FL. New connections were installed on the existing structure and an aluminum test panel with a skid resistant surface were installed to reduce saltwater degradation. Approximate Construction Value- \$200K; Duration – 60 Days. <b>Reference: Jose Kandarappallil, PE, Treasure Coast Operations Project Manager, (772) 519-2348.</b>		
e.	<b>17th Street Bridge Repair, Indian River County, FL</b>	<b>2021</b>	<b>2021</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	<i>Sr. Inspector.</i> This project includes building a temporary diversion along both EB and WB bridge approaches in multiple phases to jack bridge deck at spans 58 and 59 and repair beam spalls, delamination, and broken strands due to excessive corrosion. Mr. Dovey's responsibilities include inspection and tracking of all Contract work, quantity tracking, large multiple traffic shifts oversight and documentation/reporting of all project activities. <b>Reference: Kris Kehres, PE, FDOT – Treasure Coast Operations Maintenance Engineer, (772) 519-8443</b>		

f.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Emergency Roosevelt Bridge Repair (C9M72; FM No. 447687-1-61-01), Martin County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2020</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2020</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Sr. Inspector.</i> This project required an immediate shift of traffic from dual bridges onto a single bridge in both directions as well as a diversion on NW Dixie HWY below the deficient Bridge Span. The project included removal of existing roadway and median to build a diversion along the Southern and Northern Approach of the Roosevelt bridge as well as hauling in fill to build a Diversion below the Roosevelt on NW Dixie HWY. Mr. Dovey's responsibilities included Monitoring and tracking all quantities for payment, tracking Embankment delivery (CY), communication with Utility owners for delivery/Pickup of temporary removed utilities to perform shift, Asphalt reports, progress photos and assisting in several design changes in a short time frame. <b>Reference: John Spivey, FDOT PM, (772) 429-4868.</b>			
g.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Hurricane Irma Lighting Replacement (C9M72; FM No(s). 443135-1-52-01 &amp; 443223-1-52-01), Indian River, FL and Martin County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2020</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2020</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Sr. Inspector.</i> Mr. Dovey's responsibilities include monitoring the contractor's progress and quality of work. Check survey control baselines, inspect materials, perform sampling and testing of component materials and completed work. <b>Reference: David Brackin, FDOT PM, (772) 321-1351.</b>			
h.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>SR-732/Jensen Beach Blvd. from US-1/SR-5 to Savannah Rd. (CA308; FM No. 432348-1-62-01), Martin County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2020</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2020</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Sr. Inspector.</i> This project included widening to accommodate new bike lanes as well as milling and resurfacing of all travel lanes and turn lanes. Other project improvements consisted of sidewalk and pedestrian ramp upgrades, upgrading signing and pavement markings, new signalization and intersection lighting, drainage, and pedestrian upgrades. Mr. Dovey performed as the Senior Inspector, responsible for oversight of mainly paving operations and nighttime activities. <b>Reference: Mark Freeman, FDOT PM, (772) 429-4904.</b>			
i.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for the Reconstruction of Midway Rd (CR-712) from west of 25th Street to east of US-1 (C9P82; FM No. 231440-2-62-01), St. Lucie County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2019</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2019</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Sr. Inspector.</i> As Senior Inspector on the project, Mr. Dovey managed the field inspection staff, oversaw all Contractor operations, including drainage, earthwork, bridge construction, concrete flatwork, signalization, lighting, MOT shifts, materials tracking, and paving operations. <b>Reference: John Spivey, FDOT PM (772) 429-4868.</b>			
j.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>I-95 from SR 60/Osceola Blvd. to Brevard County Line, Indian River County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2016</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Sr. Inspector.</i> Mr. Dovey co-managed all field operations for this project. He oversaw the CEI field staff, scheduled their hours, reviewed upcoming activities with them and provided guidance as they performed their inspection duties. His support in managing CEI staff and coordination with the Contractor on project testing, documentation and quality construction expectations were integral to the overall field control of materials including excellent IA reviews of the Density Log Books, allowing efficient finalization of Asphalt Lot Packages, and effective LIMS maintenance. <b>Reference: Katherine Kehres, P.E., Treasure Coast Operations Construction Engineer, (772) 519-8277.</b>			
k.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Treasure Coast Operations General Assign (Multiple Projects), Martin County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2013</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<i>Sr. Inspector.</i> Mr. Dovey provided inspection services on a milling and resurfacing project along SR-A1A from east of St. Lucie River Bridge to west of Sewall's Point Bridge (FM No. 424639-1). Construction value of \$1.4M. <b>Reference: Katherine Kehres, PE, TCO PM (772) 519-8277 or (772) 429-4889.</b>			

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>David P. Andre, PE</b>	13. ROLE IN THIS CONTRACT Geotechnical Support	14. YEARS EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 18

15. FIRM NAME AND LOCATION FIRM NAME AND LOCATION *(City and State)*  
**Andersen Andre Consulting Engineers, Inc. (Port St. Lucie, FL)**

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S./Environmental Engineering, University of Florida, 1993 Post Graduate Coursework in Geotechnical Engineering, University of Central Florida, 1997-1998	17. CURRENT PROFESSIONAL REGISTRATION CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Engineer: FL 53969
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
 David is experienced providing geotechnical engineering and materials testing services for roadway and utility construction, infrastructure improvements, and site preparation as well as general environmental consulting relative to subsurface contamination.

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
a.	<b>Continuing Service Contract, City of Port St. Lucie, (Port St. Lucie, FL)</b>	<b>2007-2011 \ 2016-Ongoing</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	David was the Contract Manager when AACE maintained a continuing service contract with the City of Port St. Lucie for geotechnical engineering and construction materials testing until 2011 (when the City discontinued all professional service contracts), and then again when the service contracts were reinstated in 2016. Services that AACE routinely provides for the CPSL include the performance of soil borings (SPT and auger borings), test pits, groundwater studies, roadway coring, embankment suitability studies, and all manner of materials, testing during construction (density & concrete testing). Projects have included City-wide culvert and headwall replacements, roadway explorations and testing, utility installations (including more than 50 miles of water main), STA construction, municipal building construction, etc. Project budgets have ranged from \$500 to \$500,000.		
b.	<b>PSLUSD City-Wide Water Main Replacement (Port St. Lucie, FL)</b>	<b>2011</b>	<b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	David was AACE's Project manager when AACE was requested to provide Geotechnical Consulting and Construction Materials Testing services relative to the expedited replacement of more than 50 miles of water main (ranging from 4-inch diameter to 12-inch diameter mains) throughout the central and eastern portions of Port St. Lucie. Thousands of density tests were conducted on pipe trench backfill. Due to potential impacts to residents and businesses, numerous operations were performed between the hours of 10pm and 6am, requiring a full-time presence by an AACE Senior Field Technician. AACE's budget was approximately \$185,000.		
c.	<b>McCarty Ranch Water Quality Restoration Project - Areas 1, 2, 3 &amp; 4 (Port St. Lucie, FL)</b>	<b>2018</b>	<b>2023</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	David served as Project Manager for construction materials testing during construction of Areas 1, 2 3 and 4 of the McCarty Ranch water impoundment project, and is currently serving in the same role during construction of Area 2. Services which AACE performs include density testing of compacted earthen berms, ditch/canal demucking observations and backfill testing, laboratory gradation testing of sand diaphragm materials, and compressive strength of concrete testing. AACE's budget is approximately \$55,000 for each area (for a total budget of approximately \$220,000).		
d.	<b>Becker Road - Segments 1 and 2 (Port St. Lucie, FL)</b>	<b>2007</b>	<b>2010</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	David served as Project Manager for this roadway soil survey consisting of soil borings to further characterize reported "unsuitable plastic soils", mast-arm signal pole recommendations, significant lake explorations relative to soil suitability. Construction materials testing consisting of full-time density testing, LBRs, paving and subgrade inspections and compressive strength of concrete testing. AACE's budget was approximately \$300,000.		
e.	<b>Village Parkway, Phases I &amp; II (Port St. Lucie, FL)</b>	<b>2007</b>	<b>2011</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	David served as Project Manager for this roadway soil survey consisting of more than 200 soil borings, recommendations relative to roadway construction through 2,000 l.f. of water-filled reservoir, mast-arm signal pole recommendations, surcharging compressible clays, lake explorations relative to soil suitability. Construction materials testing consisting of over 5,000 density tests, 200+ sets of concrete cylinders for compressive strength, 75+ LBRs and as many as four (4) field technicians providing Quality Control service. AACE's budget was approximately \$400,000.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Peter G. Andersen, PE</b>		13. ROLE IN THIS CONTRACT <b>Geotechnical Support</b>		14. YEARS EXPERIENCE	
				a. TOTAL <b>27</b>	b. WITH CURRENT FIRM <b>18</b>
15. FIRM NAME AND LOCATION FIRM NAME AND LOCATION <i>(City and State)</i> <b>Andersen Andre Consulting Engineers, Inc. (Port St. Lucie, FL)</b>					
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> M.S./ Geotechnical Engineering, University of Florida, 1997 B.S./ Civil/Structural Engineering, Technical University of Denmark, 1995			17. CURRENT PROFESSIONAL REGISTRATION CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Engineer: FL 57956		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Peter is experienced providing geotechnical engineering and materials testing for roadway and intersection improvements, utility installations, low- and high-rise structures (including deep-foundation alternatives), STAs, solid waste facilities and port/harbor facilities.					
<b>19. RELEVANT PROJECTS</b>					
a.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Crosstown Parkway, from Manth to Floresta (Port St. Lucie, FL)</b>		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES <b>2014</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2018</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Peter served as Project Manager and Senior Geotechnical Engineer for this roadway soil survey consisting of more than 100 soil borings (auger and SPT borings), pavement coring, field exfiltration testing and drilled shaft analyses. Peter provided recommendations relative to roadway construction and mast-arm signal pole recommendations. AACE also performed Level 2 Contamination Screening at several locations along the proposed alternative (Alternative 1C). AACE's budget was approximately \$90,000.		<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Hegener Drive Extension Phase 1 (Port St. Lucie, FL)</b>		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES <b>2020</b>	CONSTRUCTION <i>(If Applicable)</i> <b>N/A</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Peter served as Senior Geotechnical Engineer for this roadway soil survey for Phase 1 of Hegener Drive in the Tradition Community of Port St. Lucie. Peter coordinated the performance of numerous soil borings that were needed to provide recommendations for roadway construction, and also probe soundings within the various ditches and wetlands in order to ascertain demucking quantities during construction. AACE's budget was approximately \$5,000.		<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Hegener Drive Extension Phase 2 (Port St. Lucie, FL)</b>		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES <b>2021</b>	CONSTRUCTION <i>(If Applicable)</i> <b>N/A</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Peter served as Senior Geotechnical Engineer for this roadway soil survey for the 1,900LF Phase 2 of Hegener Drive in the Tradition Community of Port St. Lucie. Peter coordinated the performance of numerous auger and SPT soil borings that were needed to provide recommendations for roadway construction, and also probe soundings within the various ditches and wetlands in order to ascertain demucking quantities during construction. AACE's budget was approximately \$23,000.		<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Hegener Drive Extension Phase 3 (Port St. Lucie, FL)</b>		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION <i>(If Applicable)</i> <b>N/A</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Peter served as Senior Geotechnical Engineer for this roadway soil survey for the 6,550LF Phase 3 of Hegener Drive and Marshall Parkway in the Tradition Community of Port St. Lucie. Peter coordinated the performance of numerous auger and SPT soil borings that were needed to provide recommendations for roadway construction, and also probe soundings within the various ditches and wetlands in order to ascertain demucking quantities during construction. AACE's budget was approximately \$32,000.		<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Village Parkway, Phases I &amp; II (Port St. Lucie, FL)</b>		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES <b>2007</b>	CONSTRUCTION <i>(If Applicable)</i> <b>2011</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Peter served as Senior Geotechnical Engineer for this roadway soil survey consisting of more than 200 soil borings, recommendations relative to roadway construction through 2,000 l.f. of water-filled reservoir, mast-arm signal pole recommendations, surcharging compressible clays, lake explorations relative to soil suitability. Construction materials testing consisting of over 5,000 density tests, 200+ sets of concrete cylinders for compressive strength, 75+ LBRs and as many as four (4) field technicians providing Quality Control services. AACE's budget was approximately \$400,000.		<input checked="" type="checkbox"/> Check if project performed with current firm		

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAMS  
QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION *(City and State)*

**Reconstruction of Midway Rd. (CR-712) from west of 25<sup>th</sup>  
Street to east of US-1, St. Lucie County, FL**

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2021

CONSTRUCTION (if Applicable)  
2021

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Florida Department of Transportation  
District Four – Treasure Coast Ops

b. POINT OF CONTACT NAME

John Spivey, Treasure Coast  
Operations Project Manager

c. POINT OF CONTACT TELEPHONE NUMBER

(727) 429-4868

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This project entails CEI services for congestion relief on a major St. Lucie County East-West evacuation corridor. Reconstruction will improve the LOS, drainage system, deficient infrastructure, aesthetics, and vehicular and pedestrian mobility. The project is critical to St. Lucie County since it is part of the Florida Greenways & Trails System Master Plan. This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway, realignment of the White City Park entrance, and numerous side street improvements. Earthwork, ponds, ditches, and drainage include regular, lateral ditch & subsoil excavation, embankment, stabilization, and base. Activities have consisted of reconstruction of elevated roadways, widening Midway Rd., secondary improvements on side streets, and excavation of Merritt's Ditch. Drainage consists of sub-basins discharging into 6 retention/detention ponds for treatment/attenuation. Major drainage improvements include over 260 minor structures, 23,000 LF of pipe culverts (open cut and jack and bore (J&B)), and 6,000 LF of pipe lining in 70 locations. The bridge will include a 12' multi-use trail and a 6.5' sidewalk. The bridge will be constructed in two phases; however, the deck will be poured in three phases. Riprap rubble revetment will be placed along the river slopes below. 8 retaining walls will be constructed including 6 Cast-in-Place Cantilever and 2 Sheet Pile Cantilever. Signalization improvements are at 25th St., Oleander Ave. and US-1 intersections; while Sunrise Blvd. is new. Lighting consists of 129 single poles housing both pedestrian and street luminaires, 2 mast arm mounted luminaires, 3 bridge mount light poles and 4 retaining wall mount light poles powered by 1 load center. Signing and pavement marking consists of new and relocated signing and new pavement markings, including thermoplastic. Landscape and irrigation consists of small and large plant installation in median separators and around all 6 ponds, stamped concrete in median separators, patterned textured pavement at crosswalk locations, existing tree canopy and root pruning, an irrigation system powered by 2 load centers and serviced by 2 connection points (60' well pumps), and enclosed controllers at Sta. 34+60 & Sta. 90+00.

**Consultant Fee | \$5,056,056 Construction Value | \$31M**



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME

**Johnson, Mirmiran & Thompson, Inc.**

(2) FIRM LOCATION *(City and State)*

Fort Pierce, FL

(3) ROLE

CEI

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAMS  
QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

2

21. TITLE AND LOCATION *(City and State)*

**CEI Services for McCarty Ranch Water Quality Restoration  
Project (Area 2, 3 and 4), City of Port St. Lucie, FL**

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2023

CONSTRUCTION (if Applicable)  
2023

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

City of Port St. Lucie Utility Systems  
Department

b. POINT OF CONTACT NAME

Carlos Camacho, PE

c. POINT OF CONTACT TELEPHONE NUMBER

(772) 873-6419

The McCarty Ranch Extension Water Quality Projects with the City of Port St. Lucie are water farms in the west part of St. Lucie County. Construction includes clearing of exotics within the impoundment, seepage canals, a 7' tall perimeter berm to retain water pumped in by the proposed pump station, and water elevation control structures. Additionally, unique sand diaphragms are installed at select locations to control soil pressures from damaging the new berm. These projects improve water quality in the adjacent C-23 canal and the discharge into the St. Lucie River. *Approximate Construction Value \$1,912,815; Duration – 210 Days, \$2,093,804; Duration – 222 Days, \$2,520,824 – Duration 210 Days; respectively*

**Consultant Fee | \$680,000 Construction Value | \$6.5M**



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME <b>Johnson, Mirmiran &amp; Thompson, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> Fort Pierce, FL	(3) ROLE CEI
	(1) FIRM NAME <b>Andersen Andre Consulting Engineers, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> Port St. Lucie, FL	(3) ROLE Geotechnical Services

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAMS  
QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

3

21. TITLE AND LOCATION *(City and State)*

**Floresta Dr. Phase I from Southbend Blvd. to the Elkham  
Waterway and Phase II Reconstruction  
City of Port St. Lucie, FL**

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2022

CONSTRUCTION (if Applicable)  
2022

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

City of Port St. Lucie Public Works  
Department

b. POINT OF CONTACT NAME

Frank Knott, Project Manager

c. POINT OF CONTACT TELEPHONE NUMBER

(772)344-4290

JMT is serving as a major subconsultant to Culpepper & Terpening, Inc. on this project with the following CEI contract positions: Senior Project Engineer, Assistant Project Manager, Senior Inspector, and Inspector. This project includes improvements along a critical corridor of Port St. Lucie from Southbend Blvd. to the Elkham Waterway. Improvements include full reconstruction of the roadway, including medians, bike lanes, sidewalks, extensive underground drainage, major utility relocations, lighting, landscaping, pond excavation, etc. The project includes close coordination with the public and City staff to minimize disruptions from Traffic Control to utility transfers.

**Consultant Fee | \$2M Construction Value | \$30M**



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. <b>Johnson, Mirmiran &amp; Thompson, Inc.</b>	Fort Pierce, FL	CEI
b. <b>Andersen Andre Consulting Engineers, Inc.</b>	Port St. Lucie, FL	(3) ROLE Geotechnical Engineer contracted directly with the Owner's Design Engineer on Floresta Phase I



**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAMS QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

4

21. TITLE AND LOCATION *(City and State)*

**CEI Services for the SW Import Drive Sidewalk Phase I, Port St. Lucie, FL**

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2022

CONSTRUCTION (if Applicable)  
2022

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

City of Port St. Lucie

b. POINT OF CONTACT NAME

Frank Knott, Project Manager

c. POINT OF CONTACT TELEPHONE NUMBER

(772) 344-4290

JMT provided CEI services to the City of Port St. Lucie to install a 6 ft. wide concrete sidewalk on the west side of Import Dr. from Oakwood Rd. to Inca Terrace. Other project items included driveway and culvert replacement, swale realignment, cross drain replacement, updated signage, and striping of crosswalks. *Duration – 180 Days.*

**Consultant Fee | \$132,145 Construction Value | \$644,923**



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. <b>Johnson, Mirmiran &amp; Thompson, Inc.</b>	Fort Pierce, FL	CEI
b. <b>Andersen Andre Consulting Engineers, Inc.</b>	Port St. Lucie, FL	Geotechnical Engineer contracted directly with the Owner's

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAMS  
QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

5

21. TITLE AND LOCATION *(City and State)*

**CEI Services for the Alcantarra Blvd. Sidewalk Project, Port St. Lucie, FL**

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2023

CONSTRUCTION (if Applicable)  
2023

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

City of Port St. Lucie

b. POINT OF CONTACT NAME

Frank Knott, Project Manager

c. POINT OF CONTACT TELEPHONE NUMBER

(772) 344-4290

JMT is providing CEI services to the City of Port St. Lucie to install a 6 ft. wide concrete sidewalk on the south side of SW Alcantarra Blvd. from SW Savona Blvd. to SW Port St. Lucie Blvd. Other project items include new detectable warning surfaces at side street intersections, new signage and existing sign relocations, curb and gutter at the outside right-hand turn lane near SW PSL Blvd., swale liner installation, drainage improvements, and sodding. *Duration – 150 Days.*

**Consultant Fee | \$72,840 Construction Value | \$463,225**



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<p>a. (1) FIRM NAME <b>Johnson, Mirmiran &amp; Thompson, Inc.</b></p>	<p>(2) FIRM LOCATION <i>(City and State)</i> Fort Pierce, FL</p>	<p>(3) ROLE CEI</p>
<p>b. (1) FIRM NAME <b>Andersen Andre Consulting Engineers, Inc.</b></p>	<p>(2) FIRM LOCATION <i>(City and State)</i> Port St. Lucie, FL</p>	<p>(3) ROLE Geotechnical Engineer contracted directly with the Owner's Design Engineer</p>

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAMS QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

6

21. TITLE AND LOCATION *(City and State)*

**CEI Services for the Reconstruction of Port St. Lucie Blvd. from Darwin to Alcantarra, St. Lucie County, FL**

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
Ongoing

CONSTRUCTION (if Applicable)  
Ongoing

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

Florida Department of Transportation  
District Four

b. POINT OF CONTACT NAME

Mark Freeman, Treasure Coast  
Operations Project Manager

c. POINT OF CONTACT TELEPHONE NUMBER

(772) 429-4904

This project includes modifying the existing 2-lane undivided to a 4-lane urban roadway on a critical north-south corridor of southern Port St. Lucie. The project includes full roadway reconstruction and widening, concrete (sidewalk, driveway, curb and gutter, and textured), earthwork construction for a new pond and ditch excavation, a new closed drainage system, extensive utility relocates including water/wastewater, lighting, new signalization, landscaping & irrigation, etc. *FPID 431752-6-62-01; Duration – 709 days.*

**Consultant Fee | \$1.6M Construction Value | \$11.5M**



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME

**Johnson, Mirmiran & Thompson, Inc.**

(2) FIRM LOCATION *(City and State)*

Fort Pierce, FL

(3) ROLE

CEI

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAMS QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

7

21. TITLE AND LOCATION <i>(City and State)</i> <b>CEI Services for St. Lucie West Blvd. at SR-9/I-95 from Champions Way to Peacock Blvd., St. Lucie County, FL</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if Applicable) Ongoing

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Florida Department of Transportation District Four	b. POINT OF CONTACT NAME Marla Hewson, Treasure Coast Operations Project Manager	c. POINT OF CONTACT TELEPHONE NUMBER (772) 349-6728
---	--	--

The project consists of widening St. Lucie West Blvd. at the I-95 interchange from Champions Way to Peacock Blvd. A new eastbound roadway and bridge over I-95 will be constructed, and the I-95 ramps will be reconstructed to increase capacity and alleviate traffic congestion. Additional work includes roadway reconstruction, milling, resurfacing and widening, earthwork, drainage, concrete sidewalk, curb and gutter, bridge construction, retaining walls, 7' buffered big lanes in each direction, lighting, signalization, landscaping, utility relocations, signage and pavement markings. *Construction Value - \$15.5M; Duration - 588 days.*

**Consultant Fee | \$1.6M Construction Value | \$15.5M**



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a. (1) FIRM NAME <b>Johnson, Mirmiran &amp; Thompson, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> Fort Pierce, FL	(3) ROLE CEI
---	--	-----------------

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAMS  
QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

8

21. TITLE AND LOCATION *(City and State)*

**Edwards Road (US 1 to Oleander), St. Lucie County, FL**

22. YEAR COMPLETED

PROFESSIONAL SERVICES

Ongoing

CONSTRUCTION (if Applicable)

Ongoing

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

St. Lucie County

b. POINT OF CONTACT NAME

Michael Harvey, EI – Project  
Manager

c. POINT OF CONTACT TELEPHONE NUMBER

(772) 216-2586

This project is a low bid, design-build, off-system Local Agency Project that includes replacement of the drainage system damaged due to Hurricane Irma, utility relocations, full roadway reconstruction, signalization at the Oleander Ave. intersection to replace the existing span wire system with mast arms, and milling & resurfacing of Oleander Ave. south to the railroad tracks. The project includes close coordination with local utility companies, railroad representatives, and FDOT's adjacent ATMS project.

AACE served as the Geotechnical Consultant for this project. AACE performed several rounds of exploratory soil borings, roadway coring, coordinated the performance of a Ground Penetrating Radar (GPR) survey, and also provided construction materials testing during emergency repairs. Further, AACE was tasked with preparing a FDOT-level Roadway Soil Survey and Contamination Screening Evaluation Report (Level 1 & 2) of the alignment relative to planned, long-term repairs to the roadway.

*Duration – 422 days.*

**Consultant Fee | \$332,780**  
**Construction Value | \$6.7M**



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	<b>Johnson, Mirmiran &amp; Thompson, Inc.</b>	Fort Pierce, FL	CEI
b.	<b>Andersen Andre Consulting Engineers, Inc.</b>	Port St. Lucie, FL	Geotechnical Engineer contracted directly to St. Lucie County

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAMS QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

9

21. TITLE AND LOCATION *(City and State)*

**Village Parkway, from Becker Road to Tradition Parkway  
(Port St. Lucie, Florida)**

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2007

CONSTRUCTION (if Applicable)  
2011

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

City of Port St. Lucie

b. POINT OF CONTACT NAME

Roxanne Chesser, PE (retired)

c. POINT OF CONTACT TELEPHONE NUMBER

(772) 871-5186

AACE was retained by the City of Port St. Lucie to perform subsurface explorations and inspection/materials testing services during the construction of this proposed 6-lane, 4-mile roadway and associated utility improvements. AACE personnel performed more than 150 hand auger borings for the proposed roadways, and more than 50 SPT borings for proposed mast arm signal poles and large retention ponds (borrow areas). Due to the presence of shallow and variable, compressible clay soils combined with the significant quantity of embankment needed to raise the roadway to grade, settlement calculations revealed the potential for significant roadway settlements. Therefore, AACE recommended, designed and implemented a surcharge program for the project that was designed to address selected portions of the corridor. This solution to potential settlements eliminated the need for costly geo-textiles (estimated to cost more than \$300k). During the project, AACE coordinated significant laboratory testing of soil samples (Atterberg Limits, sieve analysis, hydrometer testing, etc.) to ensure the most practical and economical solution to potential settlements.



Subsequent to our Geotechnical Engineering services during design, AACE provided construction materials testing of this roadway, beginning in August 2007 and ending in April 2011. AACE had as many as 4 technicians staffing the project to facilitate an aggressive construction schedule. Beyond typical field density testing, AACE also performed wetland/canal/ditch/reservoir demucking monitoring, surcharge monitoring, paving monitoring and piezometer installations accompanied by groundwater level monitoring. Our services included the following:

- Soil and rock density testing
- Laboratory characterization testing of soil (percent fines, moisture content, organic content, etc.) , permeability
- LBR and Proctor testing
- Compressive strength of concrete testing
- Paving observations
- Ditch and Reservoir demucking observations
- Backfilling monitoring
- Groundwater table monitoring



AACE's budget for the project was approximately \$400,000.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. <b>Andersen Andre Consulting Engineers, Inc.</b>	Port St. Lucie, FL	Geotechnical Engineer contracted directly to the City of Port St. Lucie

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAMS QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

10

21. TITLE AND LOCATION *(City and State)*

**Crosstown Parkway, from Manth Lane to Floresta Drive, and U.S. Highway 1 at Village Green Drive (Port St. Lucie, Florida)**

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2014

CONSTRUCTION (if Applicable)  
2017

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

City of Port St. Lucie, FL

b. POINT OF CONTACT NAME

c/o Mr. Brian Mirson with  
American Consulting Professionals

c. POINT OF CONTACT TELEPHONE NUMBER

(561) 253-9550

AACE was included on a team of engineering firms to prepare the Design Build Criteria package for the final segment of the City's Crosstown Parkway project. Headed by American Consulting Professionals, AACE was one of two Geotechnical Engineering firms that provided subsurface consulting for the project. Specifically, AACE provided the following services for Alternative 1C extending Crosstown Parkway from Manth Lane, across the North Fork of the St. Lucie River, to U.S. Highway 1, at it's intersection with Village Green Drive (approximately 1.96 miles): Standard Penetration Test (SPT) borings

- Reviewed existing soil information along the alignment;
- Performing 60+ hand (bucket) auger borings along the proposed alignment;
- Performing 18 solid stem auger borings relative to future stormwater ponds;
- Performing LBR testing of subgrade soils along the alignment;
- Sampling and coordinating soil corrosion series testing;
- Coring pavement along West Virginia Drive, Village Green Drive and U.S. Highway 1;
- Conducting 4 Double Ring Infiltration (DRI) tests within shallow roadside swales;
- Preparing a Roadway Soil Survey Report detailing our findings and providing site preparation recommendations;
- Preparing a Mast-Arm Foundation Report for US1/Village Green Drive and for Crosstown/Floresta Intersections;
- Performing two Level 2 Contamination Screening Assessments near the intersection of U.S. Highway 1 and Village Green Drive;

AACE's budget for our services was approximately \$100,000.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. <b>Andersen Andre Consulting Engineers, Inc.</b>	Port St. Lucie, FL	Geotechnical Engineer contracted directly with the Owner's Design Engineer

**G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS**

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Steven Haines, PE, LEED AP (JMT)	Senior Project Engineer Project Manager	X	X	X	X	X	X		X	X	
Wesley Kraft, EI (JMT)	Deputy Project Manager		X	X	X				X		
Keith Kummer (JMT)	Senior Inspector							X			X
Tearle Hitchcox (JMT)	Junior Inspector	X			X						
James Bowyer (JMT)	Junior Inspector/Survey Support	X				X					
Lee Watts, PE (JMT)	QART							X			
Luke Brolmann, PE (JMT)	QART	X				X	X				
David Stickles, PSM (JMT)	Survey										
Ed Stepaniak (JMT)	Survey	X					X	X			
Richard Dovey (JMT)	Drone Technology	X					X				
David Andre, PE (AACE)	Geotechnical Support		X	X	X	X			X	X	X
Peter Andersen, PE (AACE)	Geotechnical Support		X	X	X	X			X	X	X

**29. EXAMPLE PROJECTS KEY**

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	<b>Reconstruction of Midway Rd. (CR-712) from west of 25<sup>th</sup> Street to east of US-1, St. Lucie County, FL</b>	6	<b>CEI Services for the Reconstruction of Port St. Lucie Blvd. from Darwin to Alcantarra, St. Lucie County, FL</b>
2	<b>CEI Services for McCarty Ranch Water Quality Restoration Project (Area 2, 3 and 4), City of Port St. Lucie, FL</b>	7	<b>CEI Services for St. Lucie West Blvd. at SR-9/I-95 from Champions Way to Peacock Blvd., St. Lucie County, FL</b>
3	<b>Floresta Dr. Phase I from Southbend Blvd. to the Elkhams Waterway and Phase II Reconstruction City of Port St. Lucie, FL</b>	8	<b>Edwards Road (US 1 to Oleander), St. Lucie County, FL</b>
4	<b>CEI Services for the SW Import Drive Sidewalk Phase I, Port St. Lucie, FL</b>	9	<b>Village Parkway, from Becker Road to Tradition Parkway (Port St. Lucie, Florida)</b>
5	<b>CEI Services for the Alcantarra Blvd. Sidewalk Project, Port St. Lucie, FL</b>	10	<b>Crosstown Parkway, from Manth Lane to Floresta Drive, and U.S. Highway 1 at Village Green Drive (Port St. Lucie, Florida)</b>



H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

Founded in 1971, **Johnson, Mirmiran & Thompson, Inc. (JMT)** is one of Florida’s leading engineering firms that has provided Construction Engineering & Inspection (CEI) services statewide since 1997. As you drive across Florida’s numerous roadways and bridges from Tampa to the Florida Keys, chances are you will travel on a facility that was engineered or administered by JMT. Our firm takes pride in delivering high-quality projects to its clients and the traveling public. As the choice for Florida construction projects, **JMT has completed more than \$1B in infrastructure improvement projects, including** roadways, bridges, buildings, traffic operations, and intelligent transportation systems.

**Ranked #15 by ENR on the Top 50 Transportation Firms list**, JMT is widely recognized for its expertise in Construction Administration and Management as well as CEI Services and Oversight. JMT consistently performs as a dependable and trusted extension of our clients and is ready to go the extra mile to protect the City of Port St. Lucie’s interests and the commitments made to the local taxpayers. Our full-service, 100% employee-owned consulting firm provides Civil Engineering, CEI/CM, Environmental Services, and Land Surveying to public agencies throughout the eastern and southern United States. JMT has 6 locations and 90+ people throughout Florida, with more than 49 offices throughout the United States with over 2035+ total staff. JMT is an employee-owned firm that takes extreme pride in its industry partnerships and client deliverables.

Our portfolio of services and the diversified qualifications of our staff allow us to provide our clients with a structured staffing plan for responsiveness, performance, efficiency, and flexibility. This ensures that all our projects are successfully completed within the established budget and schedule goals. As a result of our diligence in ensuring the successful completion of all our projects, JMT has been recognized through various industry awards in Florida and client commendations, including FTBA “Best in Construction” Awards, as well as publication in Roads & Bridges magazine.

Our Florida staff provides construction engineering and inspection, civil engineering, and surveying to a wide variety of municipal clients, including the Florida Department of Transportation, cities, counties, school boards, and water management districts. We bring a track record of successful CEI projects throughout Florida. With this emphasis on serving local governments and our experience, we understand the issues and concerns facing cities like the City of Port St. Lucie. Our Team has experience in all the required disciplines/scope of services and can meet any need that may arise. JMT has been performing similar services for local municipalities within the State of Florida since 1997, serving as the prime consultant for the following municipal clients:

- City of Boca Raton
- City of Doral
- City of Gainesville
- City of Hollywood
- City of Largo
- City of Maitland
- City of Miami
- City of Miramar
- City of Oakland Park
- City of Pahokee
- City of Parkland
- City of Port St. Lucie
- City of Sebastian
- City of St. Augustine
- City of St. Petersburg
- City of Tampa
- City of West Palm Beach
- City of Winter Springs
- Broward County
- Flagler County
- Highlands County
- Hillsborough County
- Indian River County
- Lake County
- Lee County
- Marion County
- Miami-Dade County
- Orange County
- Palm Beach County
- Pinellas County School Board
- Putnam County
- Seminole County
- St. Lucie County
- Florida Department of Environmental Protection
- Florida Department of Transportation
- Hillsborough Area Regional Transit Authority
- Southwest Florida Water Management District
- St. Johns River Water Management District
- Tampa Bay Water
- Tampa Hillsborough Expressway Authority

JMT consistently performs as a reliable and trusted extension of our clients and is always ready to assist with this assignment.

I. AUTHORIZED REPRESENTATIVE  
The foregoing is a statement of facts.

31. SIGNATURE

32. DATE

April 13, 2023

33. NAME AND TITLE

Sergio Quevedo, PE, PTOE – Senior Vice President

# ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)  
eRFP 20230030

## PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Johnson, Mirmiran & Thompson, Inc.			3. YEAR ESTABLISHED 1971	4. DUNS NUMBER 05-6278633
2b. STREET 3731 Oleander Avenue			5. OWNERSHIP	
2c. CITY Fort Pierce	2d. STATE FL	2e. ZIP CODE 34982	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Sergio Quevedo, PE, PTOE, RSP1, Vice President			b. SMALL BUSINESS STATUS No	
6b. TELEPHONE NUMBER 813-866-6511		6b. TELEPHONE NUMBER 813-866-6511	7. NAME OF FIRM (If block 2a is a branch office) Johnson, Mirmiran & Thompson, Inc.	
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER

### 9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees	
		(1) FIRM	(2) BRANCH*
05	Archaeologist/Cultural Resources	27	
06	Architect / Architectural Designer	30	
08 / 58	CADD / Technician	131	
12	Civil Engineer	61	3
14 / 29	Computer / Technology / GIS	84	
15 / 16	Constr. Manager/Engr/Inspector	533	23
21	Electrical Engineer	12	
24	Environmental Specialists	52	
37	Interior Designer	7	
38	Land Surveyor / Utility Locator	159	1
39	Landscape Architect	7	
42	Mechanical Engineer	24	
47	Planner	11	
52	Water/Wastewater Engineer	64	
53	Scheduler	13	
27 / 30 / 55	Geologists / Geotech / Soils Engr.	9	
57	Structural Engrs/Inspector/Diver	117	
60	Transportation/Traffic/ITS Engrs	262	4
62	Water Resources Engineers	68	
	Designer	28	
	ROW / Real Estate Specialists	34	
	Other Employees	310	2
<b>Total</b>		<b>2043</b>	<b>34</b>

### 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
A01	Acoustic, Noise Abatement	5
A06	Airports, Terminals and Hangars	6
B02	Bridges	9
C15	Construction Management	10
E09	Electrical Studies and Design	4
E12	Environmental Remediation	7
G04	Geographic Information Systems	8
H04	Heating, Ventilation, Air Conditioning	6
H07	Highways, Streets, Parking Lots	10
I04	Intelligent Transportation Systems	2
I06	Irrigation; Drainage	6
L02	Land Surveying	4
L03	Landscape Architecture	4
L06	Lighting Exteriors	3
S02	Security	2
S04	Sewage Collection, Distribution	8
S09	Structural Design; Special Structures	6
S13	Storm Water Handling and Facilities	8
T03	Traffic and Transportation Engineering	8
U03	Utilities	3
W02	Water Resources; Hydrology	5
W03	Water Supply	7

### 11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)

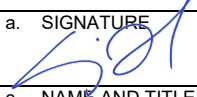
a. Federal Work	7
b. Non-Federal Work	10
c. Total Work	10

### PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than \$100,000
2. \$100,000 to less than \$250,000
3. \$250,000 to less than \$500,000
4. \$500,000 to less than \$1 million
5. \$1 million to less than \$2 million
6. \$2 million to less than \$5 million
7. \$5 million to less than \$10 million
8. \$10 million to less than \$25 million
9. \$25 million to less than \$50 million
10. \$50 million or greater

### 12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 4/13/2023
c. NAME AND TITLE Sergio Quevedo, Senior Vice President	

# ARCHITECT – ENGINEER QUALIFICATIONS

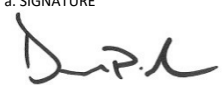
1. SOLICITATION NUMBER **eRFQ #20230030**

## PART II – GENERAL QUALIFICATIONS

2a. FIRM (OR BRANCH OFFICE) NAME <b>Andersen Andre Consulting Engineers, Inc.</b>			3. YEAR ESTABLISHED <b>2005</b>	4. DUNS NUMBER <b>36 104 27 52</b>
2b. STREET <b>834 SW Swan Avenue</b>			5. OWNERSHIP	
			a. TYPE <b>Corporation</b>	
2c. CITY <b>Port St. Lucie</b>	2d. STATE <b>FL</b>	2e. ZIP CODE <b>34983</b>	b. SMALL BUSINESS STATUS <b>No</b>	
6a. POINT OF CONTACT NAME AND TITLE <b>David P. Andre, P.E., President</b>			7. NAME OF FIRM (if block 2a is a branch office)	
6b. TELEPHONE NUMBER <b>(772) 807-9191</b>		6c. E-MAIL ADDRESS <b>dandre@aceinc.com</b>		
8a. FORMER FIRM NAME(S) (if any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) Firm	(2) Branch			
12	Civil Engineer	1		B02	Bridges	1
23	Environmental Engineer	1		C10	Commercial Buildings (low rise), Shopping Centers	2
27	Foundation/Geotechnical Engineer	1		E02	Educational Facilities, Classrooms	1
58	Technician/Analyst	6		E09	Environmental Impact Studies, Assessments	2
				H07	Highways, Streets	2
				H11	Housing (Residential, Multi-family, Apartments)	1
				I06	Irrigation/Drainage	1
				L04	Libraries	1
				M06	Mining and Mineralogy	1
				O01	Office Buildings	2
				R04	Recreational Facilities	1
				R11	Rivers, Canals, Waterways	1
				S05	Soils & Geologic Studies, Foundations	4
				S13	Stormwater Handling Facilities	2
				T02	Testing and Inspection Services	4
				W01	Warehouses and Depots	1
				W02	Water Resources	1
				W03	Water Supply	1
				H09	Hospitals, Medical Facilities	2
<b>TOTAL</b>		<b>9</b>				

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUE OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	1	1. Less than \$100,000	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million
b. Non-Federal Work	5	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million	9. \$25 million to less than \$50 million
c. Total Work	5	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million	9. \$25 million to less than \$50 million	10. \$50 million or greater
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million		
		5. \$1 million to less than \$2 million	10. \$50 million or greater		

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.	
a. SIGNATURE 	b. DATE <b>April 10, 2023</b>
c. NAME AND TITLE <b>David P. Andre, P.E., President/Principal</b>	



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