



Lake County | PROFESSIONAL ENGINEERING DESIGN SERVICES FOR WEKIVA TRAIL, SEGMENT 1

(RSQ 22-902)

October 7, 2021

LAKE COUNTY ADMINISTRATION BUILDING

1 | Vendor Profile



October 7, 2021

Bill Ponko, Senior Contracting Officer
Lake County Office of Procurement Services
315 W. Main Street, Suite 441
Tavares, FL 32778

**RE: PROFESSIONAL ENGINEERING DESIGN SERVICES FOR WEKIVA TRAIL,
SEGMENT 1 (RSQ 22-902)**

Dear Selection Committee Members:

WGI, Inc. is passionate about improving our local communities through innovative and efficient design. We recognize the importance of continuing to expand connectivity throughout Lake County by implementing the concepts presented in the Wekiva Trail Segments 1 and 2 Project Development and Environment (PD&E) Study (February 2017). This destination trail will promote economic development in the Mount Dora and Sorrento communities, as well as promote healthy lifestyle choices for the citizens of the surrounding area. Our aim is to produce a design that meets several goals and needs at once, such as cost-effective infrastructure, safety through design, historic preservation, and community connectivity.

WGI's Orlando office will support this project. We also have access to other highly skilled and experienced professionals in WGI's nine additional Florida offices and across the United States, as well as those of our subconsultants, who are equally committed to excellence and unsurpassed service to our clients. With WGI, the County receives:

- Nationally recognized subject matter experts in transportation design who understand how to listen to stakeholders and develop plans offering robust solutions.
- A firm with more than 540 in-house professionals with the capacity and depth of resources to exceed the County's project needs.
- An experienced project manager, Henri Belrose, PE, who has worked on numerous infrastructure projects across the state and within the County throughout his 24-year career. He and other key staff live and work close to the project site, so when you need us, we are a short drive away.
- A firm and project manager that is well-versed in Florida Department of Transportation (FDOT) Local Agency Program (LAP) projects that use federal funds administered through FDOT Districts statewide.
- Extensive experience with agencies and utility/agency owners (UAOs) affecting the County, including FDOT, St. Johns River Water Management District (SJRWMD), Florida Department of Environmental Protection (FDEP), as well as utility work by Highway Contractor Agreements.
- An experienced and well-respected subconsultant partner, SEARCH, Inc., to round out our team for historical and cultural resources.

As you review our project understanding and technical approach in the following pages, know that WGI is committed to delivering high-quality, cost-effective solutions, on time and within budget, for the Wekiva Trail Segment 1 Design project. Thank you for your consideration; we look forward to further discussing our qualifications with the County following the shortlist process.

Respectfully,

WGI, Inc.



Nancy Clements, PE
Senior Vice President | Principal in Charge



Responsible Office

800 N. Magnolia Avenue, Suite 1750
Orlando, FL 32803

(Corporate Headquarters)

2035 Vista Parkway
West Palm Beach, FL 33411

Contact

Henri Belrose, PE

Project Manager
p. 407.581.1221 | f. 407.581.1222
Henri.Belrose@WGIinc.com



Location

WGI's Orlando office will serve as the responsible project office and is located at 800 N. Magnolia Avenue, Suite 1750, Orlando, Florida 32803. Our proximity to the project allows easy access to the site or the County's offices for existing conditions review and data collection, project meetings, and joint field reviews.

Awards and Honors

WGI produces award-winning work for our clients on projects of all sizes and scopes. Some of our more recent awards and accolades are provided below:

- 2021 ENR Southeast Design Firm of the Year
- 2020 ENR Top 500 Design Firms - #187
- 2020 FTBA Best in Construction Award: in the Design-Build category for collaboration on the I-95 (SR 9) New Interchange at St. Johns Heritage Parkway SE Design-Build project in Brevard County, FL
- 2020 ACEC Outstanding Major Project Award: I-75 Design-Build from South of SR 50 to Hernando/Sumter County Line
- 2019 DBIA Transportation Roadways/Roads Project of the Year: FDOT District 1 Design-Build Pushbutton Contract
- 2019 ENR Best Projects Highway/Bridge Award of Merit: I-75 Express Lanes from 170th Street to South of Miramar Parkway (Segment AB) Design-Build
- 2019 ACEC Outstanding Project Award: I-75 Express Lanes from 170th Street to South of Miramar Parkway (Segment AB) Design-Build
- 2019 ENR Top 500 Design Firms (#224)
- 2018 FTBA Best in Construction Interstate: I-75 Managed Lanes
- 2018 Inc. 5000 Fastest-Growing Private Companies
- 2017 FTBA Best in Construction Interstate: I-75 from Sumter County Line to CR 470
- 2017 FTBA Best in Construction Design-Build: SR 710 Beeline Highway Reconstruction
- 2017 FTBA Best in Construction Alternative Contracting: I-75 from SR 951 to Golden Gate Parkway
- 2016 Florida Region Design-Build Institute of America Honor Award: US 41 from SR 951 to Greenway Road
- Zweig Group 'Best Firms to Work For' and 'Hot Firms' lists for six consecutive years (2014-2019)



WGI Ranking

WGI is proud to consistently work on projects that win awards—business, industry, trade, and more. Below we have highlighted a few of our other recent awards.

#4

RANKING

South Florida Business Journal

Top 25 Engineering Firms

Ranked Top Five for four consecutive years!

#187

RANKING

ENR

2020 Top 500 Design Firms

37-spot jump from prior year's ranking of 224!

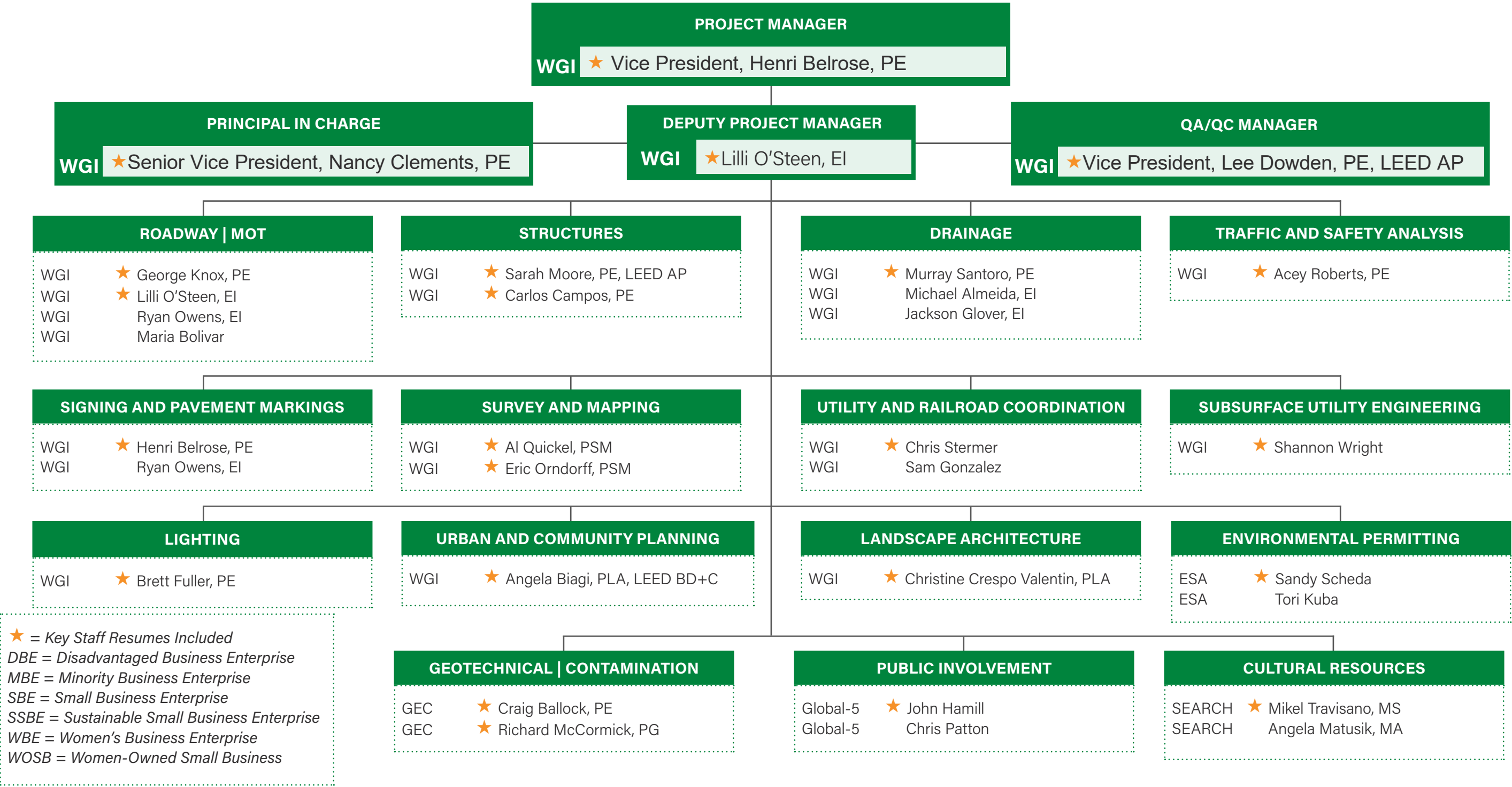
#35

RANKING

Zweig Group

2020 Hot Firm List

41-spot jump from prior year's ranking of 76!



★ = Key Staff Resumes Included
 DBE = Disadvantaged Business Enterprise
 MBE = Minority Business Enterprise
 SBE = Small Business Enterprise
 SSBE = Sustainable Small Business Enterprise
 WBE = Women's Business Enterprise
 WOSB = Women-Owned Small Business



WGI, Inc



Environmental Science Associates (ESA)



Geotechnical and Environmental Consultants, Inc. (GEC)
 SBE/SSBE



Global-5, Inc. (Global-5)
 MBE/SBE/WBE



Search, Inc. (SEARCH)
 WBE/WOSB

WGI is a full-service consulting firm founded in 1972 and incorporated in 1991, providing a comprehensive range of infrastructure services. Over the years, WGI has diversified by offering related professional services that include transportation and traffic engineering, civil engineering, geospatial services, structural solutions, subsurface utility engineering (SUE), landscape architecture, land planning, environmental sciences, architecture, water resources, and parking solutions.

Today, WGI continues to uphold its tradition of incomparable service and passion for innovation through our team of highly skilled and experienced professionals. Our associates are dedicated to growing professionally and finding satisfaction in their work; characteristics that result in higher-quality products for our clients. WGI has distilled those beliefs into a shared mission applied to everything we do.

WGI serves public agencies, municipalities, and private clients, and remains dedicated to the development and economic prosperity of the communities in which we live and work. Our associates give back by supporting a variety of non-profit and professional organizations through their leadership, volunteerism, and sponsorship. Through this work-life balance we have retained long-term associates that are committed to WGI, our clients, and our future.

WGI's corporate office is located in West Palm Beach, Florida with branch offices nationwide, including the Orlando office that will be responsible for this contract. We currently employ over 540 highly skilled and experienced professionals committed to excellence and unsurpassed service to our clients.

WGI's Core Values and Vision

Creatively transforming how our world is envisioned, designed, and experienced



PASSION FOR PEOPLE

- Show compassion and empathy
- Create opportunities
- Demonstrate mutual respect and trust
- Empower at all levels
- Ensure diversity and inclusion
- Safety is never negotiable
- Support and inspire others
- TEAM FIRST



BE THE CHANGE YOU SEEK

- Promote efficiency
- Perform effectively
- Cultivate an entrepreneurial spirit
- Accept accountability
- Embrace technology and innovation
- Demonstrate agility
- Communicate clearly and listen carefully
- Stand confident in your ability to influence
- Enjoy what you do
- BE PASSIONATE



COMMIT TO GREATNESS

- Focus on the client
- Excellence is not the exception
- Embrace transformation
- Welcome challenges and manage risk
- Deliver technical excellence
- Be proactive and responsive
- CREATE THE FUTURE

Built on a foundation of ethics and integrity

1 | VENDOR PROFILE

MBE/DBE Certification

WGI continually seeks ways to facilitate opportunities for minority and disadvantaged businesses. As a mid-size firm, we believe in the power of using our platform to elevate and mentor the minority business enterprise (MBE)/woman-owned business enterprise (WBE) subconsultants we work with. We have a proven record of strong partnerships with MBE/disadvantaged business enterprise (DBE) firms, certified as small businesses enterprise (SBE), WBE, veteran-owned business enterprise (VBE), and historically underutilized businesses (HUB). We consistently exceed the expectations in the participation of these firms on contracts and look beyond participation goals to foster lasting relationships with these firms. We are committed to meeting the established contract goals and look forward to adding local diversity to our team.

WGI actively engages in mentoring initiatives to pass on lessons learned, processes, and practices that will allow our DBE, MBE, and SBE partners to grow. Currently, WGI has two mentor/protégé joint ventures—Singhofen & Associates, Inc. a HUBZone small business certified firm established in 2019 and based in Florida, and Aerial Data Services, Inc. a HUBZone, WBE-certified firm established in 2020 and based in Oklahoma.

For this contract, we have partnered with **Environmental Science Associates (ESA); Geotechnical and Environmental Consultants, Inc. (GEC)** a SBE and sustainable small business enterprise (SSBE) firm; **Global-5, Inc. (Global-5)** a MBE, SBE, and WBE firm; and **SEARCH, Inc. (SEARCH)** a WBE and woman-owned small business (WOSB) firm.



March 4, 2021

Rachel Andre
Geotechnical and Environmental Consultants, Inc.
919 Lake Baldwin Lane
Orlando, FL 32814

Dear Rachel Andre:

We are pleased to inform you the Office of Supplier Diversity has registered your business as a Sustainable Small Business Enterprises (SSBE).

Your registration will remain in effect until March 18, 2022, provided your business continues to meet the eligibility criteria under the SSBE program. Annually, you must submit a renewal application with supporting documentation. It is your responsibility to notify us in writing within 30 days of any changes. Failure to do so may result in deregistration of your business. Your firm's identification number is 1018.

Specialty Description:
Geo-technical Engineering, Environmental Engineering, Construction Material Testing.

We have also added your firm to the Small Sustainable Business Enterprise Directory, which can be accessed at <https://cfxway.diversitycompliance.com> respectively.

We strongly encourage you to register your company on our procurement website at www.CFXWay.com, whereby you will be notified by email of upcoming solicitations in your business area(s) of expertise and SSBE opportunities.


If you have any questions regarding your registration, you may email the Office of Supplier Diversity at iranetta.dennis@cfxway.com.

Sincerely,



Iranetta J. Dennis
Director of Supplier Diversity
Central Florida Expressway Authority

GEC SSBE Letter



**Detailed Consultant Analysis Report
For District 5 - DeLand**

Consultant Business Name	Consultant Information						
	Staffing Levels				Sm. Bus.	DBE	Audit Level
	Florida		Elsewhere				
Prof	Tech.	Prof.	Tech.	Yes	No		
<u>GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC.</u>	7	31	0	0	Yes	No	Unlimited

GEC SBE Certificate

State of Florida

Woman Business Certification

Global-5, Inc.

Is certified under the provisions of
287 and 295.187, Florida Statutes, for a period from:
12/04/2020 to 12/04/2022


Jonathan R. Satter, Secretary
Florida Department of Management Services

 Office of Supplier Diversity

Office of Supplier Diversity
4050 Esplanade Way, Suite 380
Tallahassee, FL 32399
850-687-0915
www.dms.myflorida.com/osd

Global-5 MBE Certificate

Florida Department of Transportation
Construction, Maintenance, & Other Contractual Services
Small Business Detail for: GLOBAL-5, INC.

GLOBAL-5, INC.
2180 West State Road 434
Suite 1150
Longwood, FL 32779
Mary Hamill

407-571-6760
marykhamill@global-5.com

*DBE

Activities or Specialty Areas: Public Relations Agencies/Services

Counties of Interest: ALACHUA, BAKER, BAY, BRADFORD, BREVARD, BROWARD, CALHOUN, CHARLOTTE, CITRUS, CLAY, COLLIER, COLUMBIA, DESOTO, DIXIE, DUVAL, ESCAMBIA, FLAGLER, FRANKLIN, GADSDEN, GILCHRIST, GLADES, GULF, HAMILTON, HARDEE, HENDRY, HERNANDO, HIGHLANDS, HILLSBOROUGH, HOLMES, INDIAN RIVER, JACKSON, JEFFERSON, LAFAYETTE, LAKE, LEE, LEON, LEVY, LIBERTY, MADISON, MANATEE, MARION, MARTIN, DADE, MONROE, NASSAU, OKALOOSA, OKEECHOBEE, ORANGE, OSCEOLA, PALM BEACH, PASCO, PINELLAS, POLK, PUTNAM, SANTA ROSA, SARASOTA, SEMINOLE, ST. JOHNS, ST. LUCIE, SUMTER, SUWANNEE, TAYLOR, UNION, VOLUSIA, WAKULLA, WALTON, WASHINGTON

Note: Listing on this report does not constitute Contractor Prequalification with FDOT. Contractors who wish to become qualified with FDOT in construction work classes should go to http://www.fdot.gov/contracts/PreQual_Info/prequalified.shtml. To verify Contractor Prequalification, please visit <https://fdotchap1.doi.state.fl.us/contractorprequalification/public/prequalified/VendorSearch.aspx>.

Global-5 DBE Certificate

WBENC
WOMEN'S BUSINESS ENTERPRISE
NATIONAL COUNCIL
JOIN FORCES. SUCCEED TOGETHER.

hereby grants

National Women's Business Enterprise Certification

to

SOUTHEASTERN ARCHAEOLOGICAL RESEARCH INC DBA SEARCH ; SEARCH, Inc.

who has successfully met WBENC's standards as a Women's Business Enterprise (WBE).
This certification affirms the business is woman-owned, operated and controlled and is valid through the date herein.

WBENC National WBE Certification was processed and validated by Women's Business Enterprise Council Florida, a WBENC Regional Partner Organization.

 **WBENCFLORIDA**
WOMEN'S BUSINESS ENTERPRISE COUNCIL FLORIDA

Authorized by Nancy Allen, President & CEO
Women's Business Enterprise Council Florida

Certification Granted: September 28, 2015
Expiration Date: September 28, 2022
WBENC National Certification Number: 2005127518

NAICS: 541370, 115310, 491300, 511130, 512210, 519120, 541310, 543300, 541360, 544430, 541513, 541611, 541620, 541690, 541712, 541715, 541720, 541990, 561211, 561990, 622910, 611400, 611710, 712210, 712220
SIC: 4113809, 6010601, 8071904, 8115170, 8214000, 8215151, 8215152, 90141503, 90151501, 90151502, 92111701, 93141707, 93141708, 93141713, 95141715

SEARCH WBE Certificate

WBENC
WOMEN'S BUSINESS ENTERPRISE
NATIONAL COUNCIL
JOIN FORCES. SUCCEED TOGETHER.

HEREBY GRANTS
WOMAN OWNED SMALL BUSINESS (WOSB) CERTIFICATION TO

SOUTHEASTERN ARCHAEOLOGICAL RESEARCH INC DBA SEARCH ; SEARCH, Inc.

The identified small business is an eligible WOSB for the WOSB Program, as set forth in 13 C.F.R. part 127 and has been certified as such by an SBA approved Third Party Certifier pursuant to the Third Party Agreement, dated June 30, 2011, and available at www.sba.gov/wosb.

The WOSB Certification expires on the date herein unless there is a change to the SBA's regulation that makes the WOSB ineligible or there is a change in the WOSB that makes the WOSB ineligible. If either occurs, this WOSB Certification is immediately invalid. The WOSB must not misrepresent its certification status to any other party, including any local or State government or contracting official or the Federal government or any of its contracting officials.

<small>Minority Female Owner: Arne Stokas</small>
<small>NAICS: 541370, 115310, 491300, 511130, 512210, 519120, 541310, 543300, 541360, 541513, 541611, 541620, 541690, 541712, 541715, 541720, 541990, 561211, 561990, 6010601, 8071904, 8115170, 8214000, 8215151, 8215152, 90141503, 90151501, 90151502, 92111701, 93141707, 93141708, 93141713, 95141715</small>
<small>Certification Number: W02B171888</small>
<small>Expiration Date: September 28, 2022</small>

 **WBENCFLORIDA**
WOMEN'S BUSINESS ENTERPRISE COUNCIL
Nancy Allen, Women's Business Enterprise Council Florida President & CEO

 Pamela Prince-Eaton, WBENC President & CEO

 LaKasha White, Vice President, Certification

SEARCH WOSB Certificate

The screenshot shows the Florida Department of Business and Professional Regulation (DBPR) Online Services interface. The main content area displays the following information:

Licensee Details	
Licensee Information	
Name:	WGI, INC. (Primary Name)
Main Address:	2035 VISTA PARKWAY WEST PALM BEACH Florida 33411
County:	PALM BEACH
License Mailing:	
LicenseLocation:	
License Information	
License Type:	Registry
Rank:	Registry
License Number:	33574
Status:	Current
Licensure Date:	10/24/2019
Expires:	
Special Qualifications	
	Qualification Effective
Alternate Names	
View Related License Information View License Complaint	

At the bottom of the page, the address is listed as 2601 Blair Stone Road, Tallahassee FL 32399, with an email for Customer Contact Center at 850.487.1395.

State of Florida Department of State

I certify from the records of this office that WGI, INC. is a corporation organized under the laws of the State of Florida, filed on July 12, 1991.

The document number of this corporation is S66593.

I further certify that said corporation has paid all fees due this office through December 31, 2021, that its most recent annual report/uniform business report was filed on January 7, 2021, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Seventh day of January, 2021



Randy He
Secretary of State

Tracking Number: 1063094337CC
 To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.
<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

STATE OF FLORIDA
 BOARD OF PROFESSIONAL ENGINEERS
 THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

BELROSE, HENRI VUONG
 1119 MUNSTER ST
 ORLANDO FL 32803

LICENSE NUMBER: PE56761
 EXPIRATION DATE: FEBRUARY 28, 2023
 Always verify licenses online at MyFloridaLicense.com

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Henri Belrose, PE

STATE OF FLORIDA
 BOARD OF PROFESSIONAL ENGINEERS
 THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

CLEMENTS, NANCY A.
 11772 BELLA MILANO CT
 WINDERMERE FL 34786

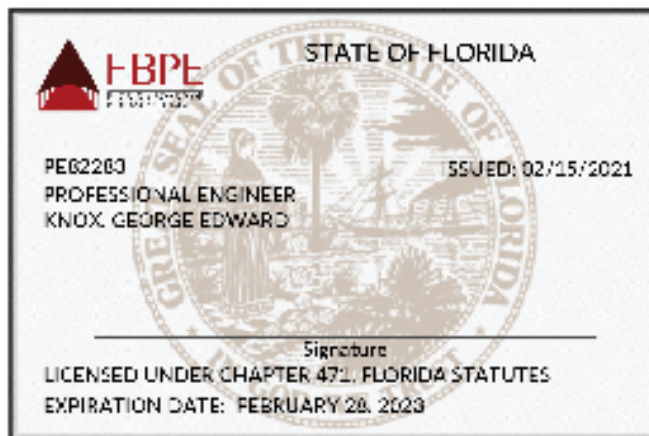
LICENSE NUMBER: PE54923
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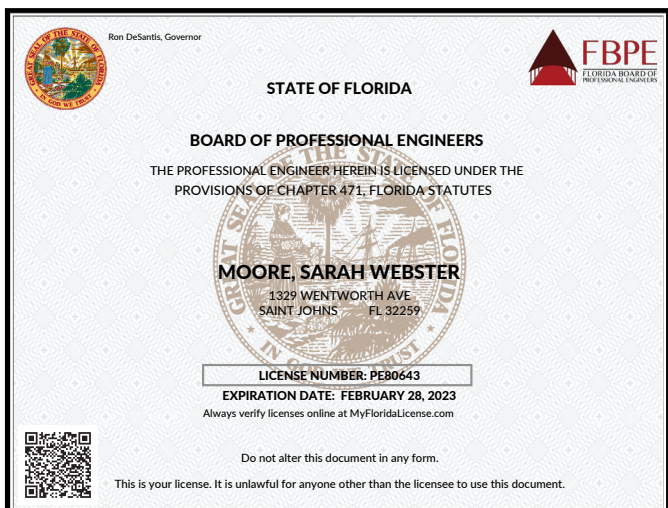
Nancy Clements, PE



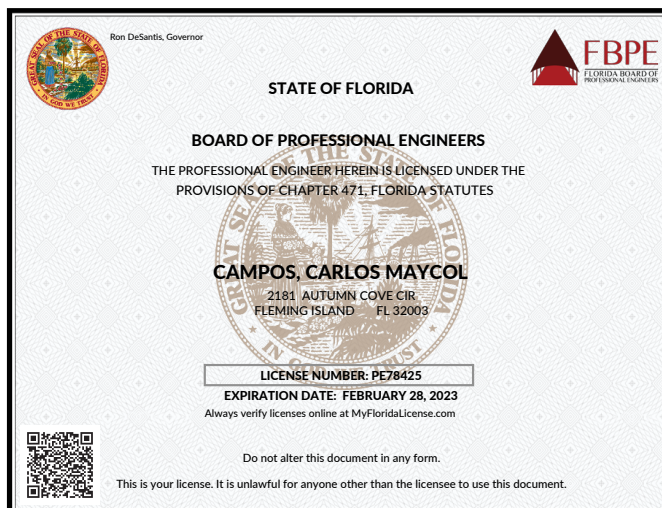
Dale "Lee" Dowden, PE, LEED AP



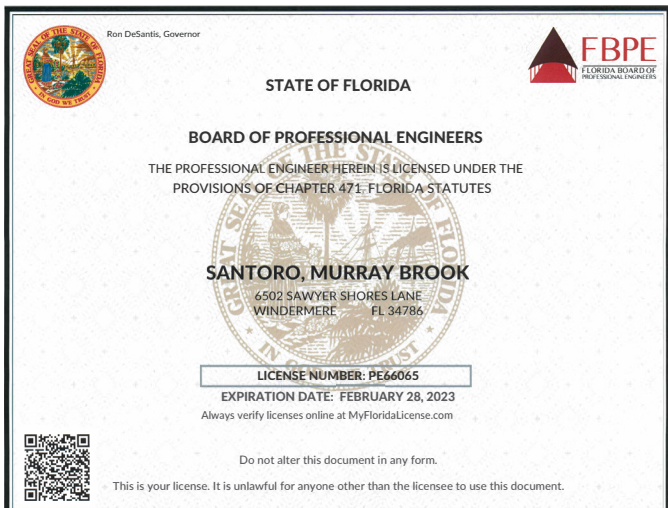
George Knox, PE



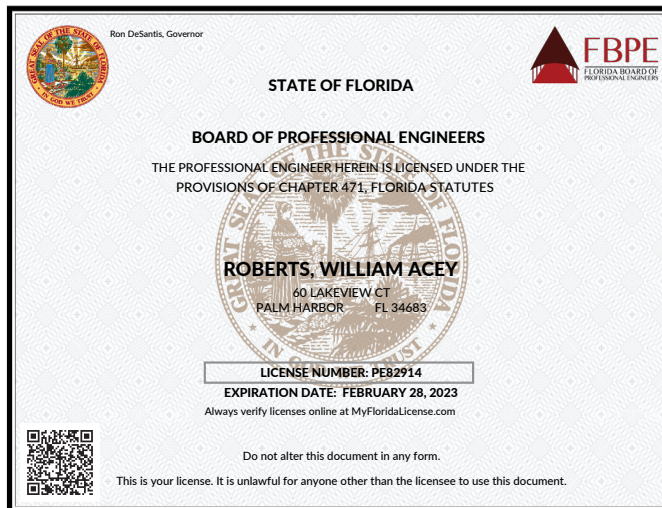
Sarah Moore, PE, LEED AP



Carlos Campos, PE



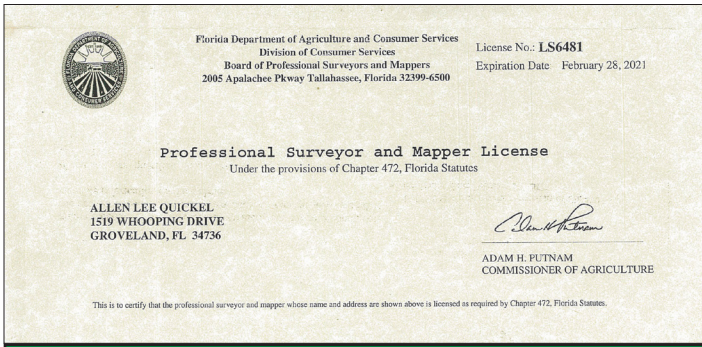
Murray Santoro, PE



William "Acy" Roberts, PE

1 | VENDOR PROFILE

Licenses/Permits | WGI



Florida Department of Agriculture and Consumer Services
 Division of Consumer Services
 Board of Professional Surveyors and Mappers
 2005 Apalachee Pkwy Tallahassee, Florida 32399-6500

License No.: **LS6481**
 Expiration Date: February 28, 2021

Professional Surveyor and Mapper License
 Under the provisions of Chapter 472, Florida Statutes

ALLEN LEE QUICKEL
 1519 WHOOPING DRIVE
 GROVELAND, FL 34736

ADAM H. PUTNAM
 COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

Allen "Al" Quickel, PSM



Florida Department of Agriculture and Consumer Services
 Division of Consumer Services
 Board of Professional Surveyors and Mappers
 2005 Apalachee Pkwy Tallahassee, Florida 32399-6500

License No.: **LS6717**
 Expiration Date: February 28, 2021

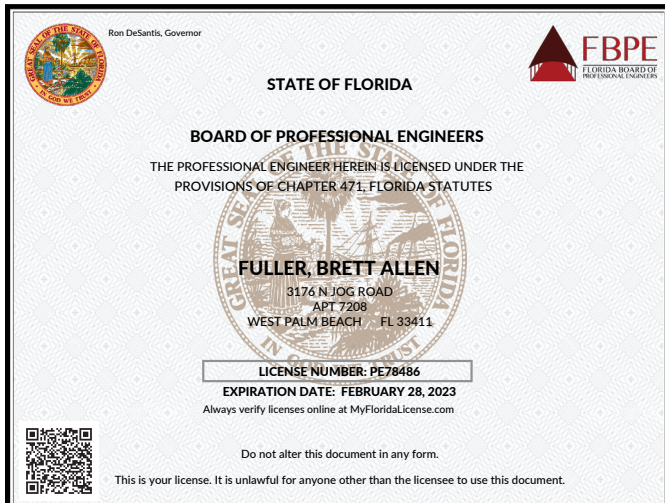
Professional Surveyor and Mapper License
 Under the provisions of Chapter 472, Florida Statutes

ERIC R MATTHEWS
 490 SW RYDER RD
 PORT ST LUCIE, FL 34953-7825

NICOLE "NIKKI" FRIED
 COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

Eric Orndorff, PSM



Ron DeSantis, Governor

STATE OF FLORIDA

FBPE
 FLORIDA BOARD OF PROFESSIONAL ENGINEERS

BOARD OF PROFESSIONAL ENGINEERS
 THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
 PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

FULLER, BRETT ALLEN
 3176 N JOG ROAD
 APT 7208
 WEST PALM BEACH, FL 33411

LICENSE NUMBER: PE78486
 EXPIRATION DATE: FEBRUARY 28, 2023
 Always verify licenses online at MyFloridaLicense.com

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Brett Fuller, PE



Ron DeSantis, Governor

STATE OF FLORIDA

Halsey Beshears, Secretary

dbpr
 FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
 BOARD OF LANDSCAPE ARCHITECTURE
 THE LANDSCAPE ARCHITECT HEREIN HAS REGISTERED UNDER THE
 PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

BIAGI, ANGELA M
 610 GLEMATIS STREET
 APT 310
 WEST PALM BEACH, FL 33401

LICENSE NUMBER: LA6666787
 EXPIRATION DATE: NOVEMBER 30, 2021
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Angela Biagi, PLA, LEED BD+C



LEED AP
 BD+C

GREEN BUSINESS CERTIFICATION INC. CERTIFIES THAT
Angela Biagi
 HAS ATTAINED THE DESIGNATION OF
LEED AP® Building Design + Construction
 by demonstrating the knowledge and understanding of
 green building practices and principles needed to support
 the use of the LEED green building program.

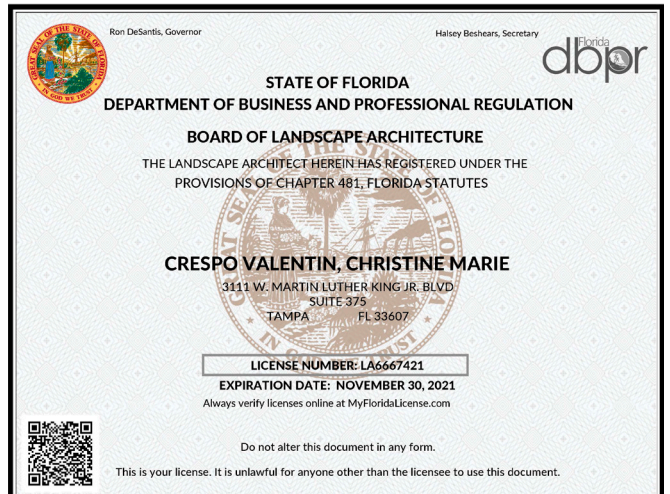
10219571-AP-BD+C
 CREDENTIAL ID

08 JAN 2010
 ISSUED

05 JAN 2022
 VALID THROUGH

Mahesh Samaraju
 MAHESH SAMARAJAN
 PRESIDENT & CEO, U.S. GREEN BUILDING COUNCIL
 PRESIDENT & CEO, GREEN BUSINESS CERTIFICATION, INC.

Angela Biagi, PLA, LEED BD+C



Ron DeSantis, Governor

STATE OF FLORIDA

Halsey Beshears, Secretary

dbpr
 FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
 BOARD OF LANDSCAPE ARCHITECTURE
 THE LANDSCAPE ARCHITECT HEREIN HAS REGISTERED UNDER THE
 PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

CRESPO VALENTIN, CHRISTINE MARIE
 3111 W. MARTIN LUTHER KING JR. BLVD
 SUITE 375
 TAMPA, FL 33607

LICENSE NUMBER: LA6667421
 EXPIRATION DATE: NOVEMBER 30, 2021
 Always verify licenses online at MyFloridaLicense.com

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Christine Crespo Valentini, PLA

ATTACHMENT 2 – REFERENCES FORM

22-902

List no more than five projects which best illustrates qualifications relevant to the Solicitation. References must be less than five years old. LIST no more than two LAKE COUNTY GOVERNMENT PROJECTS (past, current, prime, and subcontractor) FIRST.

WGI, Inc.

PROJECT NAME: Schofield Road from US 27 to Lake-Orange County Line

Agency: CEMEX

Address: 1501 Belvedere Road

City, State, Zip code: West Palm Beach, FL 3406

Contact Person: Rafael Jimenez, PE

Title: Director of Land Resources, Florida/Carolina Aggregates Division

Email: RafaelE.Jimenez@CEMEX.com

Telephone: 407.310.9655

Project Cost: \$922,000 design

Contract Start and End Dates: Start February 2018; End March 2021

SCOPE of Project (list tasks, outlines or descriptions of items): Schofield Road involves reconstruction of an existing dirt road into a two-lane rural collector roadway serving as the primary access for the new CEMEX Four Corners Sand Mine. The total project length is approximately six miles. In coordination with Lake County, elements for a future four-lane divided typical section were incorporated into the design. At the County line, the design includes an interim connection to the existing roadway in Orange County and accommodations for realignment of Schofield Road to its ultimate alignment in Orange County. Stormwater management was permitted through SJRWMD. The design required extensive coordination with Water Conserv II, a partnership between the City of Orlando and Orange County, who own a 30-inch reclaimed water main used for agricultural irrigation. The reclaimed water main runs along most of the project limits. Approvals for a drainage connection permit and access connection permit were obtained from FDOT for the intersection at US 27. WGI was the prime consultant providing design services for roadway, maintenance of traffic (MOT), drainage, environmental permitting, signing and pavement marking (S&PM), and utility coordination. Additional services included a pre-construction gopher tortoise survey, extraction, and relocation to permitted recipient sites. WGI also is under contract with CEMEX to provide design services for the ultimate alignment extension of Schofield Road into Orange County.

PROJECT NAME: SR 429 Wekiva Parkway Section 6 from west of Old McDonald Road to east of Osprey Hammock Trail

Agency: FDOT District 5

Address: 719 South Woodland Boulevard

City, State, Zip code: Deland, FL 32720

Contact Person: Bill Downey, PE LEED AP

Title: VP Senior Project Engineer (RS&H consultant CEI)

Email: Bill.Downey@rsandh.com

Telephone: 386.527.5281

Project Cost: \$240M design-build

ATTACHMENT 2 – REFERENCES FORM

22-902

Contract Start and End Dates: Start July 2017; End February 2022

SCOPE of Project (list tasks, outlines or descriptions of items): WGI was the lead designer of the design-build team for construction of a new 5.5 mile new alignment, four-lane (expandable to six-lane), limited-access toll facility. The project included a new 2,000-foot bridge crossing over the Wekiva River (designated National Wild and Scenic River) and three wildlife crossing bridges (combined length of 5,700 feet) through Seminole State Forest and Rock Springs Run State Reserve. This project incorporated the design and construction of Wekiva Trail Segment 3. Wekiva Parkway Section 6 is part of a multi-section expansion of SR 429 that will connect at I-4 and SR 417 and complete the beltway around Central Florida. Roadway design consisted of a new four-lane limited access facility with a parallel two-lane service road that will function as SR 46. The service road provides access to local streets and driveway access to adjacent private properties and serves as the arterial connection to interchanges along SR 429. The service road has a parallel shared-use path (Wekiva Trail Segment 3) running the full length of the project. WGI completed the design in 2018. Plans were released for construction as packaged elements based on the contractor's planned sequence of construction. Early-works plans for nonstructural elements, such as clearing and grubbing, were released for construction in October 2017. All subsequent plans were released for construction by June 2018. The complete contract plans package consisted of components for roadway, S&PM, lighting, ITS, landscape, structures, toll facilities, and technical special provisions for the toll gantry facilities. The project is currently in post-design with a projected construction completion in early 2022. The project involved a combination of open conveyance and closed conveyance systems to 15 stormwater management facilities. Permitting for Wekiva Parkway falls under FDEP jurisdiction. FDEP environmental resource permit and United States Army Corps of Engineers (USACE) Section 404 permits were obtained for the project. Separate permits were obtained from SJRWMD and USACE for the design of the new Rock Springs Run State Reserve entrance road. Structural elements incorporated scenic overlooks and aesthetic features such as cable railing for Wekiva Trail. Additional WGI services included design survey, utility coordination, SUE survey, and pre-construction gopher tortoise survey, extraction, and relocation to permitted recipient sites.

PROJECT NAME: St Johns River to Sea (SJ2C) Loop Trail – Palmetto Avenue from Ridge Boulevard to Beville Road

Agency: FDOT District 5

Address: 719 South Woodland Boulevard

City, State, Zip code: Deland, FL 32720

Contact Person: Joseph Fontanelli

Title: Project Manager

Email: Joseph.Fontanelli@dot.state.fl.us

Telephone: 386.943.5234

Project Cost: \$973,000 design

Contract Start and End Dates: Start June 2019; End December 2024

SCOPE of Project (list tasks, outlines or descriptions of items): The project is located within Volusia County and passes through City of South Daytona and City of Daytona Beach. The scope of work was to design a new shared-use path along Palmetto Avenue near the Halifax River. The goal of the project was to close a gap in the SJ2C Loop Trail and provide a viable non-motorized travel option. This project was Section 5 of the overall loop trail and is part of the SUN Trail network. This project supports the goals of

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the City of South Daytona, FDOT, and SUN Trail program to create an effective multi-modal transportation system. Once complete, the entire trail will connect the cities of Edgewater, New Smyrna Beach, Port Orange, South Daytona, Daytona Beach, and parts of unincorporated Volusia County. The total project length is approximately 1.3 miles. Palmetto Avenue is a two-lane undivided road. The proposed shared-use path will be contained within existing roadway right-of-way. The project will replace existing sidewalk with a wider shared-use path. WGI designed a concrete sidewalk 12 feet wide to meet SUN Trail design criteria. In constrained locations, the width was reduced to 10 feet to avoid above-ground obstructions or to fit within the existing right-of-way. Drainage design included conversion of existing inlet tops to use traversable grates for pedestrian and bicycle traffic. A detour plan was developed to facilitate the new shared-use path while maintaining pedestrian and bicycle traffic on a portion of Palmetto Avenue. Palmetto Avenue will be temporarily converted to one-way traffic to accommodate maintenance of pedestrians and bicyclists during construction of the new shared-use path. WGI conducted a public information open house in January 2020. The project is on-hold at 90% plan completion, awaiting construction funding currently scheduled in the fiscal year 2025. WGI services included preparation of plans for roadway and S&PM. WGI prepared a lighting justification report. Additional services by WGI included design survey, utility coordination, SUE survey, and preparation of right-of-way maps to establish historically maintained public right-of-way.

PROJECT NAME: Taylor Road Shared-Use Path PD&E Study from US 41 to Airport Road

Agency: FDOT District 1

Address: 801 North Broadway Avenue

City, State, Zip code: Bartow, FL 33830

Contact Person: Richard (OJ) Oujevolk, PE

Title: Project Manager

Email: Richard.Oujevolk@dot.state.fl.us

Telephone: 863.519.2293

Project Cost: \$652,133 PD&E

Contract Start and End Dates: Start October 2018; End October 2022

SCOPE of Project (list tasks, outlines or descriptions of items): Taylor Road in Charlotte County is a two-lane undivided rural road. The project objective is to provide a safe, viable, non-motorized travel option for commuters and recreational users of the Taylor Road corridor and its surrounding community. A pathway separated from general traffic will improve safety for bicyclists and pedestrians, which are particularly vulnerable to conflicts with vehicles on shared facilities. The total project length is approximately 3.6 miles. Sidewalk is intermittently present within the project limits, but they are not fully connected throughout the entire corridor. Upon completion, the new shared-use path will provide linkages to the US 41 multi-use recreational trail, Tropical Gulf Acres bicycle route, Punta Gorda Bridges bicycle route, and Tour de Punta Gorda bicycle route. The new shared-use path will link together Punta Gorda's neighborhoods with the region's bicycle and pedestrian attractors, parks and recreational facilities, and conservation lands in the area. Two design segments are planned from this PD&E study. Design segment 1 will be from Jones Loop Road to Airport Road. Design segment 2 will be from US 41 to Jones Loop Road. All alternatives for the new shared-use path will be contained within the existing right-of-way of Taylor Road. Alternatives cross two waterways, one at Alligator Creek and the other at North Fork Alligator Creek. Conceptual structures plans were developed for new or widened crossings at each waterway. WGI prepared documentation for a Type 1 Categorical

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Exclusion. PD&E documents produced by WGI included the natural resources evaluation (NRE), location hydraulics report, water quality impact evaluation, utility assessment package, and preliminary engineering report (PER). WGI provided engineering support for the contamination screening evaluation report (CSER) and cultural resource assessment survey (CRAS). The community awareness plan involved presentations to the Charlotte County-Punta Gorda Metropolitan Planning Organization (MPO) and its associated advisory committees, including the technical advisory committee, citizens' advisory committee, and bicycle and pedestrian advisory committee.

PROJECT NAME: SR 865 (San Carlos Boulevard) from North of Crescent Street to North of Hurricane Bay Bridge

Agency: FDOT District 1

Address: 10041 Daniels Parkway

City, State, Zip code: Fort Myers, FL 33913

Contact Person: D'Juan Harris

Title: Project Manager

Email: D'Juan.Harris@dot.state.fl.us

Telephone: 239.225.1976

Project Cost: \$2.2M design

Contract Start and End Dates: Start June 2019; End June 2022

SCOPE of Project (list tasks, outlines or descriptions of items): San Carlos Boulevard is the primary access corridor for Fort Myers Beach in Lee County. The project objectives are to provide additional travel options on this congested corridor, especially during peak tourist season (January through April). The project will enhance mobility and safety for vehicular and non-vehicular transportation and increase accessibility and connections between community points of interest. The total project length is approximately one mile. The PD&E study and final design were produced concurrently. WGI prepared documentation for a Type 2 Categorical Exclusion. PD&E documents produced by WGI included the CSER, NRE, and PER. WGI provided engineering support for the noise analysis report and CRAS. The CRAS included a determination of applicability for potential impacts to Section 4(f) resources along Fort Myers Beach. Potential Section 4(f) impacts result from a new LeeTran bus bay proposed at Crescent Beach Family Park. WGI design services included preparation of plans for roadway, S&PM, signalization, lighting, ITS, structures, and landscape. The Matanzas Pass Bridge will repurpose an existing bus-bicycle lane into a general use travel lane to increase lane capacity to the beach. WGI designed Matanzas Pass Bridge to incorporate deck widening for a new shared-use path. A new signal, including full pedestrian crosswalk features, will be installed at the Main Street intersection. A new LeeTran bus bay will also be constructed at the Main Street intersection. The new signal at Main Street will improve safety for pedestrians using Matanzas Pass Bridge to access Fort Myers Beach. The new bus bay will provide a new multi-modal connection point for the LeeTran Main Street Park-and-Ride lot. The existing four-lane divided urban typical section from Main Street to Hurricane Bay Bridge will be restriped to accommodate bicycle lanes in each direction of travel. The Hurricane Bay Bridge will be modified to accommodate bicycle lanes and barrier-protected sidewalks in each direction of travel. In partnership with Lee County, LeeTran, and Town of Fort Myers Beach, this project will incorporate reconstruction of the intersection at Fifth Street to enhance safety for this high pedestrian use intersection. A new

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signal with full pedestrian crosswalk features will replace the existing pedestrian crosswalk signal. Landscape opportunity areas were designed for aesthetics as well as channelization of pedestrians to safe crossing locations. Roadway lighting at the beach was designed to wildlife sensitive criteria. WGI prepared a permit exemption package for South Florida Water Management District (SFWMD) approval. A Coastal Construction Control Line permit package was prepared for FDEP approval for construction of the new bus bay at Crescent Beach Family Park.



Lake County | **PROFESSIONAL ENGINEERING DESIGN SERVICES FOR WEKIVA TRAIL, SEGMENT 1**

(RSQ 22-902)

October 7, 2021

LAKE COUNTY ADMINISTRATION BUILDING

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