



CITY OF FORT LAUDERDALE

# BREAKERS SOLICITATION 12226-996 AVENUE STREETSCAPE PROJECT

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CITY OF FORT LAUDERDALE

# table of contents

## BREAKERS AVENUE

# table of contents

<b>1</b>	<b>Table of Contents</b>	
	Table of Contents .....	i
<b>2</b>	<b>Executive Summary</b>	
	Executive Summary .....	1
<b>3</b>	<b>Qualifications, Experience, Organizational Profile and Project Team</b>	
	GSA 330 .....	3
	Part I Section A-D with Organizational Chart .....	4
	Part I Section E Resumes.....	6
	Part I Section F Projects.....	27
	Part I Section G Matrix .....	37
	Part I Section H Additional Information .....	38
	Part II .....	43
	Licenses .....	47
<b>4</b>	<b>Project Understanding /Unique Characteristics</b>	
	Project Understanding .....	58
<b>5</b>	<b>Approach to Scope of Work</b>	
	Approach to Scope of Work .....	60
<b>6</b>	<b>References</b>	
	Reference Projects .....	65
<b>7</b>	<b>Minority Participation</b>	
	MBE Certificate .....	67
	Litigation, Arbitration, Mediation, etc. ....	68

# table of contents

## 8 Required Forms

Addendum 1 .....	69
Addendum 2 .....	71
Addendum 3 .....	72
Statement of Qualification Certification.....	74
Non-Collusion Statement.....	75
Contract Payment Method .....	76
Certificate of Compliance.....	77



CITY OF FORT LAUDERDALE

## executive summary

# BREAKERS AVENUE

# executive summary

## Safety, Adaptability, & Contextual Design

When businesses are looking to expand or a family is looking to relocate, rarely do they search for the “most drivable community” or the “most automobile-friendly environment.” They are looking for a place with a high quality of life, good schools, great restaurants, arts and entertainment, and increasingly, places that are walkable, bicycle friendly, and have easy access to transit. Complete Streets provide infrastructure for all modes of transportation, have been proven to improve public health, lower transportation costs, increase capacity available on roadways, support local businesses, and improve mobility for all -- regardless of their age, ability, or means of travel.

Transportation corridors should work to connect the communities they run through, spur economic development opportunities, and enhance livability. In the City of Ft. Lauderdale (City), a number of steps have already been taken to enhance the quality of life and improve mobility options for the community, including the development of a city-wide Complete Streets Manual, the North Beach Village Master Plan, and the Breakers Avenue Community Vision. WGI's approach is to implement those recommendations by using Complete Street design principles to create a sense of place and a framework for future roadway and development projects within the City.

WGI is a multidisciplinary consulting firm with a history dating back to 1972. Today, WGI is one of the most successful and fastest growing consulting firms in the nation. It is also recognized as one of the nation's top 20 “Best Firms to Work For.” The firm is comprised of nearly 450 experienced professionals with a strong reputation for innovative and implementable high quality transportation planning and engineering, urban planning, landscape architecture, urban design, environmental sciences, architecture, parking planning and design, civil/municipal engineering, surveying and mapping, subsurface utility engineering, construction management, and sustainability services.

Located less than 30 minutes from the project site, WGI's Ft. Lauderdale office will be the lead office responsible for this project. WGI Vice President Jeff Brophy is a corporate officer and will be the Principal in Charge for this proposal. We have selected Angela Biagi, PLA, to serve as the Project Manager and act as WGI's representative for this proposal. Angela is a registered landscape architect, LEED accredited professional, and certified landscape inspector. Her project manager responsibilities include client and sub-consultant communication and coordination, budget negotiation and control, quality control and quality assurance procedures, and construction assistance. With over 17 years of experience in the planning and design of transportation corridors, Angela has the experience and knowledge to ensure the success of the Breakers Avenue Streetscape project.

WGI and its professionals have a long history of providing services for a multitude of agencies and municipalities, including the City. These services include Transportation Planning and Engineering, Urban Planning, Landscape Architecture, Parking Solutions, Environmental Sciences, Civil/Municipal Engineering, Surveying and Mapping, Subsurface Utility Engineering, Construction Management, and Sustainability services. WGI professionals take great pride in their work with an understanding that what we do makes our communities better – creating better places to live, work and play.

WGI understands that the Breakers Avenue project is more than a physical redesign of a corridor. With proper planning, design and outreach, the project can act as a catalyst for economic development for the downtown business district, enhance the quality of life for those who reside and work within the area, as well as provide a framework for future improvement projects throughout the City. The redevelopment of the Breakers Avenue corridor will require a broad analysis of the redesign, beyond just the urban form and requires a clear understanding of the roadway and drainage characteristics, the parking needs of the corridor, existing and proposed utility locations and offsets, as well as the business signage view zones. We understand the complex issues associated with the coordination of all of these characteristics and have created an established team of dynamic professionals with years of experience on similar projects. Our Complete Streets Team is made up of roadway engineers, planners, landscape architects, and parking engineers that will take a comprehensive and multi-disciplinary approach to the redesign of the Breakers Avenue corridor.

To provide support to our our wide range of in-house professionals, we have teamed with the finest in the fields of electrical engineering, geotechnical engineering, and construction engineering and inspection services.

- Smith Engineering Consultants, Inc. (SEC) will provide electrical engineering expertise. SEC specializes in power, controls, lighting, HVAC, plumbing, fire protection, instrumentation, SCADA and telemetry design for federal, state, and county agencies, local municipalities, utility companies, and private industry. Their project types include electric utility, water, wastewater highways, streets and airports throughout Florida.
- Tierra South Florida, Inc. (TSF) is a multi-disciplinary geotechnical, materials engineering and inspection firm, offering professional engineering and associated consulting services to both the public and private sectors. TSF holds a Minority Business Certification from the State of Florida.
- New Millennium Engineering, Inc. (NME) focuses primarily on the construction engineering inspection of civil infrastructure projects and has extensive experience in urban transportation environments. NME teams are CEI professionals that have been working together for established periods of time and maintain the highest degree of professional certifications and experience. Each team is trained and tailored to be familiar with each project's individual needs and they develop project specific procedures and processes. They will provide Constructability Review and CEI services for project.

Through our team's focus on quality, communication, facilitation, and prioritization, we will help the City meet the vision, goals, and objectives set forth by the Master Plan. We encourage you to call our references and inquire about our commitment to client satisfaction. You will find that we excel in providing innovative solutions, high-quality products, proactive project management, dedication to customer service, as well as delivering effective projects within schedule and budget.

Many of our Ft. Lauderdale office employees live in and around the City limits, and all of us enjoy the numerous natural and cultural amenities the City offers. We look forward to working with the City of Ft. Lauderdale, and understand the important role this corridor plays in connecting the communities now and in the future.

Sincerely,



Jeff Brophy, PLA  
Vice President/Principal in Charge  
[Jeff.brophy@wginc.com](mailto:Jeff.brophy@wginc.com)  
3230 W. Commercial Boulevard, Suite 300  
Fort Lauderdale, FL 33309



Angela Biagi, PLA, LEED AP  
Senior Project Manager  
[angela.biagi@wginc.com](mailto:angela.biagi@wginc.com)



CITY OF FORT LAUDERDALE

qualifications, experience,  
organization, project team

BREAKERS AVENUE



# organization profile and project team



WGI's offers a wide breadth of services under one roof, ensuring a single point of contact throughout the entire project, making it less complicated and more efficient. Our project manager, Angela Biagi, PLA, will be that point person for the City. Angela has a passion for urban design, complete streets, and multi-modal transportation projects. Her range of experience also includes mixed use developments and residential community design, comprehensive plan amendments, rezoning, and land development code interpretation, and land use entitlement applications which round out her practical experience.

Angela will be responsible for the successful initiation, planning, design, execution, control, and deliverable elements of the project from concept through construction. Her experience includes master plans, site and landscape design for corridors and open spaces, and extensive consultant coordination. Her versatility and proven management skill, combined with the team's specialized expertise make her the ideal manager for this project.

Projects like the Breakers Avenue Streetscape impact a multitude of users and help to create a sense of community and as such, a robust community outreach component is critical to the success of the project. Angela has extensive public involvement experience on similar projects and will use this expertise to ensure that the concerns and ideas of the community are addressed throughout the process. We excel at eliciting input from the end users and then incorporating it into our design solutions. Angela will take your vision and, regardless of obstacles, lead the team to translate it into a reality. She believes that a project's success comes from being honest with clients, keeping them informed, and, following through with commitments.

Our project team organization and qualifications are shown on the following GSA form 330. All team members are included.

# ARCHITECT - ENGINEER QUALIFICATIONS

## PART I - CONTRACT-SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

Breakers Avenue Streetscape Project

2. PUBLIC NOTICE DATE

11/23/2018

3. SOLICITATION OR PROJECT NUMBER

12226-996

### B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Angela Biagi, PLA, Project Manager

5. NAME OF FIRM

Wantman Group, Inc.

6. TELEPHONE NUMBER

866.909.2220

7. FAX NUMBER

954.660.1661

8. E-MAIL ADDRESS

angela.biagi@wginc.com

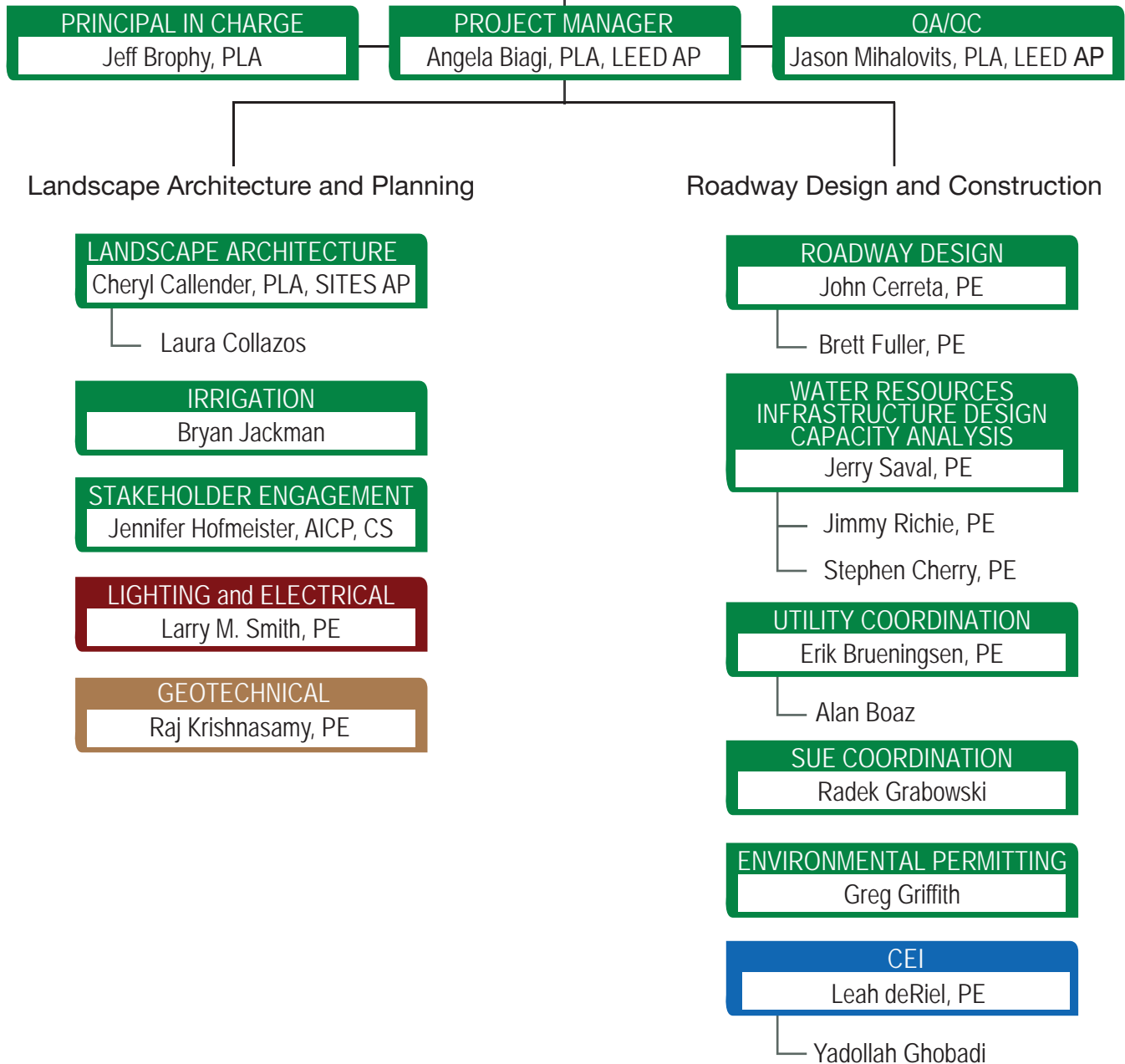
### C. PROPOSED TEAM

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

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCON-TRACTOR			
a.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Wantman Group, Inc.</b>  <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	3230 W. Commercial Boulevard Suite 300 Fort Lauderdale, FL 33309	Prime Urban Planning and Engineering Consultant
b.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>Wantman Group, Inc.</b>  <input type="checkbox"/> CHECK IF BRANCH OFFICE	2035 Vista Parkway West Palm Beach, FL 33411	Prime Urban Planning and Engineering Consultant
c.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Smith Engineering Consultants, Inc.</b>  <input type="checkbox"/> CHECK IF BRANCH OFFICE	2161 Palm Beach Lakes Boulevard, Suite 312, West Palm Beach, FL 33409 <b>POC: Larry M. Smith, PE, President</b> <b>561.616.3911</b> <b>larry@smithengineeringconsultants.com</b>	Electrical and Lighting Engineering
d.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>New Millennium Engineering, Inc.</b>  <input type="checkbox"/> CHECK IF BRANCH OFFICE	6101 Orange Drive Davie, FL 33314 <b>Geoffrey Parker, PE, Principal</b> <b>954.321.8367, gparker@nmdceng.net</b>	Construction Engineering and Inspection
e.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Tierra South Florida, Inc.</b>  <input type="checkbox"/> CHECK IF BRANCH OFFICE	765 Vista Parkway, Suite 10 West Palm Beach, FL 33411 <b>Raj Krishnasamy, PE, President</b> <b>561.687.8536, Raj@TierraSF.com</b>	Geotechnical Engineering
f.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> CHECK IF BRANCH OFFICE		

### D. ORGANIZATIONAL CHART OF PROPOSED TEAM

✓ (Attached)



SBE

MBE

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

(Complete one Section E for each key person.)

12. NAME <b>Jeff Brophy, PLA</b>	13. ROLE IN THIS CONTRACT <b>Principal in Charge</b>	14. YEARS EXPERIENCE <table style="width: 100%;"> <tr> <td style="width: 50%;">a. TOTAL <b>17</b></td> <td style="width: 50%;">b. WITH CURRENT FIRM <b>17</b></td> </tr> </table>		a. TOTAL <b>17</b>	b. WITH CURRENT FIRM <b>17</b>
a. TOTAL <b>17</b>	b. WITH CURRENT FIRM <b>17</b>				
15. FIRM NAME AND LOCATION (City and State) <b>Wantman Group, Inc.</b>					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Landscape Architecture, Landscape Architecture - University of Guelph, Ontario, 2000		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Landscape Architect, Florida			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Member of American Society of Landscape Architects					

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	<b>Banyan Boulevard Improvements from Tamarind Avenue to Olive Avenue, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE A complete street project to transform a corridor which has been considered a dividing line between a historic neighborhood and downtown into a gateway to the downtown business district. Jeff was the project principal in charge. Construction cost: \$10M. <div style="text-align: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</div>		
b.	<b>NW Neighborhood Roadway Reconstruction, Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This project included improvements to three streets, Davis Road from Poinsettia Boulevard to Dorson Way, Poinsettia Boulevard from Davis Road to Ross Drive, and Dorson Way from Davis Road to Ross Drive, identified with an overall condition index (OCI) that warranted reconstruction in the 2013 Pavement Management System Report. WGI's design services included roadway reconstruction, modification to the Lake Worth Drainage District bridge on Davis Road to provide protected pedestrian access, storm drain and sanitary sewer rehabilitation, and additional roadway lighting. Jeff served as the project principal in charge. Construction cost: \$1.4M. <div style="text-align: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</div>		
c.	<b>Kravis Center for the Performing Arts, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE WGI provided planning, landscape architecture, environmental, civil engineering, and transportation planning services for the expansion of the lobby of the main theater building (Dreyfoos Hall), reconfiguration of both valet and drop off areas, and improved pedestrian access between the administration building (Cohen Pavilion) and Dreyfoos Hall. Services also included designing a new plaza, water feature, landscaping, and site signage. The Okeechobee Boulevard frontage was redesigned to improve the pedestrian experience with a wide sidewalk, protected cycle track, and relocated mature tree canopy. Jeff served as the project principal in charge. Design costs: \$235K. <div style="text-align: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</div>		
d.	<b>Old City Hall Site - Conceptual Design for Park, Palm Beach County, Florida</b>	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE WGI provided landscape architecture services for redevelopment of a mixed-use development consisting of an eight-story apartment building, eight-story hotel, retail space, a restaurant, and public park. The restaurant includes a green roof which acts as an extension of the park, providing views of the Intracoastal Waterway. Other key outdoor elements include a rooftop pool deck at the hotel, a courtyard pool amenity space at the apartment, and the public park on Flagler Drive. The public park will be part of a network of art parks along Flagler Drive sponsored by the City of West Palm Beach's Art in Public Places Program. Jeff served as the project principal in charge. Construction cost: \$138M. <div style="text-align: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</div>		
e.	<b>Westgate Avenue Corridor Streetscape Plan, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE WGI prepared the final conceptual plan based on the results of the Florida Standard Urban Transportation Model Structure (FSUTMS) travel demand modeling completed by the Palm Beach Transportation Planning Agency (TPA). WGI also assisted the CRA staff with the preparation of the PBC TPA FY 2018 Local Initiatives Grant Program application requesting funding for the Westgate streetscape improvements. The goal was to improve walkability, multimodal transportation, and beautification of the corridor with the intent to attract new investment and foster economic vitality. Jeff served as principal in charge. Design cost: \$25K. <div style="text-align: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</div>		

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

(Complete one Section E for each key person.)

12. NAME <b>Angela Biagi, PLA, LEED BD+C</b>	13. ROLE IN THIS CONTRACT <b>Project Manager</b>	14. YEARS EXPERIENCE <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">a. TOTAL <b>17</b></td> <td style="width: 50%; border: none;">b. WITH CURRENT FIRM <b>4</b></td> </tr> </table>		a. TOTAL <b>17</b>	b. WITH CURRENT FIRM <b>4</b>
a. TOTAL <b>17</b>	b. WITH CURRENT FIRM <b>4</b>				
15. FIRM NAME AND LOCATION (City and State) <b>Wantman Group, Inc.</b>					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Landscape Architecture, University of Illinois, 2001		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Landscape Architect, Florida			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Member, American Society of Landscape Architects					

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State) <b>Banyan Boulevard Improvements from Tamarind Avenue to Olive Avenue, West Palm Beach, Florida</b>	(2) YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">PROFESSIONAL SERVICES <b>2018</b></td> <td style="width: 50%; border: none;">CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)				
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm A complete street project to transform a corridor traditionally considered a dividing line between a historic neighborhood and downtown into a signature gateway to the downtown business district. Angela served as the project urban design lead and landscape architect. Construction cost: \$10M.				
	(1) TITLE AND LOCATION (City and State) <b>Alternate A1A Beautification, Palm Beach Gardens, Florida</b>	(2) YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">PROFESSIONAL SERVICES <b>2015</b></td> <td style="width: 50%; border: none;">CONSTRUCTION (If applicable) <b>2018</b></td> </tr> </table>		PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If applicable) <b>2018</b>
PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If applicable) <b>2018</b>				
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design services and grant assistance for the beautification of a one-mile segment of Alternate A1A. Enhancements included native tree and shrub plantings and irrigation improvements. This project included funds from a FDOT Beautification Grant. WGI provided grant assistance in the form of conceptual landscape design, narrative writing, and cost estimating. Angela provided streetscape design services including landscape and irrigation enhancements to the medians and shoulders of the corridor. Design cost: \$30K.				
	(1) TITLE AND LOCATION (City and State) <b>Saddle Trail Park (South) Neighborhood Improvement Project, Village of Wellington, Florida</b>	(2) YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">PROFESSIONAL SERVICES <b>2015</b></td> <td style="width: 50%; border: none;">CONSTRUCTION (If applicable) <b>2016</b></td> </tr> </table>		PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If applicable) <b>2016</b>
PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If applicable) <b>2016</b>				
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided surveying, engineering design, permitting, public involvement assistance, bond assistance, and construction engineering services for a Neighborhood Improvement project including paving existing shellrock roads, construction of new equestrian bridle trails, construction of approximately 17,500 feet of eight-inch new public water mains, fire hydrants, driveway connections and drainage system reconstruction. Funding for the improvements were provided through the proceeds of Infrastructure Improvement Bonds with repayment being accomplished through annual assessments pursuant to Chapter 170 of the Florida Statutes. Angela served as the project landscape architect. Construction cost: \$4.5M.				
	(1) TITLE AND LOCATION (City and State) <b>Kravis Center for the Performing Arts, West Palm Beach, Florida</b>	(2) YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">PROFESSIONAL SERVICES <b>2018</b></td> <td style="width: 50%; border: none;">CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)				
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided planning, landscape architecture, environmental, civil engineering, and transportation planning services for the expansion of the lobby of the main theater building (Dreyfoos Hall), reconfiguration of both valet and drop off areas, and improved pedestrian access between the administration building (Cohen Pavilion) and Dreyfoos Hall. Services also included designing a new plaza, water feature, landscaping, and site signage. The frontage was redesigned to improve the pedestrian experience with a wide sidewalk, protected cycle track, and relocated mature tree canopy. Angela served as project manager and landscape architect. Design costs: \$235K.				
	(1) TITLE AND LOCATION (City and State) <b>Old City Hall Site - Conceptual Design for Park, West Palm Beach, Florida</b>	(2) YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">PROFESSIONAL SERVICES <b>2017</b></td> <td style="width: 50%; border: none;">CONSTRUCTION (If applicable)</td> </tr> </table>		PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)
PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)				
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided landscape architecture services for redevelopment of a mixed-use facility consisting of an eight-story apartment building, eight-story hotel, retail space, a restaurant, and public park. The restaurant includes a green roof which acts as an extension of the park, providing views of the Intracoastal Waterway. Other key outdoor elements include a rooftop pool deck at the hotel, a courtyard pool amenity space at the apartment, and the public park. The public park will be part of a network of art parks along Flagler Drive sponsored by the City of West Palm Beach's Art in Public Places Program. Construction cost: \$138M.				



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

(Complete one Section E for each key person.)

12. NAME <b>Jason Mihalovits, PLA, LEED AP</b>	13. ROLE IN THIS CONTRACT <b>QA/QC</b>	14. YEARS EXPERIENCE <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">a. TOTAL <b>16</b></td> <td style="width: 50%; border: none;">b. WITH CURRENT FIRM <b>4</b></td> </tr> </table>		a. TOTAL <b>16</b>	b. WITH CURRENT FIRM <b>4</b>
a. TOTAL <b>16</b>	b. WITH CURRENT FIRM <b>4</b>				
15. FIRM NAME AND LOCATION (City and State) <b>Wantman Group, Inc.</b>					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Arts / Landscape Architecture, University of Florida, 2007		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Landscape Architect, Florida			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Member American Society of Landscape Architects					

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Banyan Boulevard Improvements from Tamarind Avenue to Olive Avenue, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable) 
<b>a.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm A complete street project to transform a corridor which has been considered a dividing line between a historic neighborhood and downtown into a gateway to the downtown business district. Jason provided the quality control of the landscape and irrigation design. Construction cost: \$10M.		
	<b>Alternate A1A Beautification, Palm Beach Gardens, Florida</b>	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If applicable) <b>2018</b>
<b>b.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided design services and grant assistance for the beautification of a one-mile segment of Alternate A1A. Enhancements included native tree and shrub plantings and irrigation improvements. This project included funds from a FDOT Beautification Grant. WGI provided grant assistance in the form of conceptual landscape design, narrative writing, and cost estimating. Jason was the project manager for the landscape/streetscape design. Design cost: \$30K.		
	<b>Central Seacrest Corridor Utility Improvement, Boynton Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable) 
<b>c.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided streetscape improvements including watermain replacement, wastewater forcemain, stormwater system upgrades including new exfiltration trench, pavement overlay, tree relocations, and miscellaneous upgrades to driveway aprons and sidewalks. The schedule was tailored to fit the seasonal needs of the public, particularly schools, and work zones strategically planned to maximize production. Jason provided management and landscape architecture services. Construction cost: \$10M.		
	<b>Roosevelt Boulevard Bicycle and Pedestrian Plan, Key West, Florida</b>	PROFESSIONAL SERVICES <b>2014</b>	CONSTRUCTION (If applicable) <b>2014</b>
<b>d.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm WGI redesigned 3.5 miles of bicycle and pedestrian path to safe alternative transportation from US 1 to downtown including lining the corridor with tropical palms, incorporating flexi-pave tree grates with, to provide stormwater percolation while maximizing ADA compliant pathways. A custom low-volume irrigation system was also designed into the tree grates to provide water to the palms and avoid water loss during high wind conditions. Jason served as the project manager. Design cost: \$100K.		
	<b>NW Neighborhood Roadway Reconstruction, Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable) 
<b>e.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm This project included improvements to three streets, Davis Road from Poinsettia Boulevard to Dorson Way, Poinsettia Boulevard from Davis Road to Ross Drive, and Dorson Way from Davis Road to Ross Drive, identified with an overall condition index (OCI) that warranted reconstruction in the 2013 Pavement Management System Report. WGI's design services included roadway reconstruction, modification to the Lake Worth Drainage District bridge on Davis Road to provide protected pedestrian access, storm drain and sanitary sewer rehabilitation, and additional roadway lighting. Construction cost: \$1.4M.		

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

(Complete one Section E for each key person.)

12. NAME <b>Cheryl Callender, PLA, SITES AP, ISA Certified Arborist</b>	13. ROLE IN THIS CONTRACT <b>Landscape Architecture</b>	14. YEARS EXPERIENCE <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">a. TOTAL <b>17</b></td> <td style="width: 50%; border: none;">b. WITH CURRENT FIRM <b>3</b></td> </tr> </table>		a. TOTAL <b>17</b>	b. WITH CURRENT FIRM <b>3</b>
a. TOTAL <b>17</b>	b. WITH CURRENT FIRM <b>3</b>				
15. FIRM NAME AND LOCATION (City and State) <b>Wantman Group, Inc.</b>					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Architecture - University of Panama, 1997 Master of Landscape Architecture, - Florida A&M University, 2006		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Landscape Architect, Florida			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) ISA Certified Arborist; LEED Green Associate; SITES AP; Member American Society of Landscape Architects					

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Banyan Boulevard Improvements from Tamarind Avenue to Olive Avenue, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable) 
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm A complete street project to transform a corridor which has been considered a dividing line between a historic neighborhood and downtown into a gateway to the downtown business district. Cheryl provided landscape architecture services. Construction cost: \$10M.		
	<b>Alternate A1A Beautification, Palm Beach Gardens, Florida</b>	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If applicable) <b>2018</b>
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided design services and grant assistance for the beautification of a 1-mile segment of Alternate A1A. Enhancements included native tree and shrub plantings and irrigation improvements. This project included funds from a FDOT Beautification Grant. WGI provided grant assistance in the form of conceptual landscape design, narrative writing, and cost estimating. Cheryl provided landscape architecture services. Project cost: \$30K.		
	<b>NW Neighborhood Roadway Reconstruction, Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable) 
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This project included improvements to three streets, Davis Road from Poinsettia Boulevard to Dorson Way, Poinsettia Boulevard from Davis Road to Ross Drive, and Dorson Way from Davis Road to Ross Drive, identified with an overall condition index (OCI) that warranted reconstruction in the 2013 Pavement Management System Report. WGI's design services included roadway reconstruction, modification to the Lake Worth Drainage District bridge on Davis Road to provide protected pedestrian access, storm drain and sanitary sewer rehabilitation, and additional roadway lighting. Construction cost: \$1.4M.		
	<b>Roosevelt Boulevard Bicycle and Pedestrian Plan, Key West, Florida</b>	PROFESSIONAL SERVICES <b>2014</b>	CONSTRUCTION (If applicable) <b>2014</b>
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm WGI redesigned 3.5 miles of bicycle and pedestrian path to safe alternative transportation from US 1 to downtown including lining the corridor with tropical palms, incorporating flexi-pave tree grates with, to provide stormwater percolation while maximizing ADA compliant pathways. A custom low-volume irrigation system was also designed into the tree grates to provide water to the palms and avoid water loss during high wind conditions. Design cost: \$100K.		
	<b>A1A Restoration and Streetscape, Fort Lauderdale Beach, Florida</b>	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If applicable) 
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Cheryl was the project manager and architect of records responsible for the design of the streetscape, the sidewalk and crosswalks hardscape, the wave seawall, beach access entrance features, beach shower pads areas, irrigation, and landscape/planting areas, as well as the coordination with the City of Fort Lauderdale and FDOT's in-house roadway designers. The project improvements consisted of the repair and restoration of the existing seawall and sidewalk damaged by Hurricane Sandy. It incorporated roadway realignment, adding bike lanes and on-street parking, hardscape treatments, ADA upgrades, landscape, decorative lighting, signage, and improved stormwater drainage. Design cost: \$62K.		

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

(Complete one Section E for each key person.)

12. NAME <b>Laura Collazos</b>	13. ROLE IN THIS CONTRACT <b>Landscape Architecture</b>	14. YEARS EXPERIENCE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">a. TOTAL <b>1</b></td> <td style="width: 50%; text-align: center;">b. WITH CURRENT FIRM <b>1</b></td> </tr> </table>		a. TOTAL <b>1</b>	b. WITH CURRENT FIRM <b>1</b>
a. TOTAL <b>1</b>	b. WITH CURRENT FIRM <b>1</b>				
15. FIRM NAME AND LOCATION (City and State) <b>Wantman Group, Inc.</b>					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Landscape Architecture, University of Florida, 2017		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Member American Society of Landscape Architects					

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Banyan Boulevard Improvements from Tamarind Avenue to Olive Avenue, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm A complete street project to transform a corridor which has been considered a dividing line between a historic neighborhood and downtown into a gateway to the downtown business district. Laura provided landscape architecture design services. Construction cost: \$10M.		
	<b>NW Neighborhood Roadway Reconstruction, Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This project included improvements to three streets, Davis Road from Poinsettia Boulevard to Dorson Way, Poinsettia Boulevard from Davis Road to Ross Drive, and Dorson Way from Davis Road to Ross Drive, identified with an overall condition index (OCI) that warranted reconstruction in the 2013 Pavement Management System Report. WGI's design services included roadway reconstruction, modification to the Lake Worth Drainage District bridge on Davis Road to provide protected pedestrian access, storm drain and sanitary sewer rehabilitation, and additional roadway lighting. Laura provided landscape architecture design services. Construction cost: \$1.4M.		
	<b>Central Seacrest Corridor Utility Improvement, Boynton Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided streetscape improvements including watermain replacement, wastewater forcemain, stormwater system upgrades including new exfiltration trench, pavement overlay, tree relocations, and miscellaneous upgrades to driveway aprons and sidewalks. The schedule was tailored to fit the seasonal needs of the public, particularly schools, and work zones strategically planned to maximize production. Construction cost: \$10M.		
	<b>Westgate Avenue Corridor Streetscape Plan, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI prepared the final conceptual plan based on the results of the Florida Standard Urban Transportation Model Structure (FSUTMS) travel demand modeling completed by the Palm Beach Transportation Planning Agency (TPA). WGI also assisted the CRA staff with the preparation of the PBC TPA FY 2018 Local Initiatives Grant Program application requesting funding for the Westgate streetscape improvements. The goal was to improve walkability, multimodal transportation, and beautification of the corridor with the intent to attract new investment and foster economic vitality. Design cost: \$25K.		
	<b>Currie Park, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided, civil engineering, and landscape architecture services to accommodate new infrastructure associated with Currie Park Green Streets project. The scope of work included a design to reduce flooding, improve water quality, and provide streetscape improvements incorporating benefits of Low Impact Design. Design cost: \$62K.		



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

(Complete one Section E for each key person.)

12. NAME <b>Bryan Jackman</b>	13. ROLE IN THIS CONTRACT <b>Irrigation</b>	14. YEARS EXPERIENCE <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">a. TOTAL <b>9</b></td> <td style="width: 50%; border: none;">b. WITH CURRENT FIRM <b>2</b></td> </tr> </table>		a. TOTAL <b>9</b>	b. WITH CURRENT FIRM <b>2</b>
a. TOTAL <b>9</b>	b. WITH CURRENT FIRM <b>2</b>				
15. FIRM NAME AND LOCATION (City and State) <b>Wantman Group, Inc.</b>					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Landscape Architecture, The Ohio State University, 2002		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Member American Society of Landscape Architects					

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Central Seacrest Corridor Utility Improvement, Boynton Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided streetscape improvements including watermain replacement, wastewater forcemain, stormwater system upgrades including new exfiltration trench, pavement overlay, tree relocations, and miscellaneous upgrades to driveway aprons and sidewalks. The schedule was tailored to fit the seasonal needs of the public, particularly schools, and work zones strategically planned to maximize production. Construction cost: \$10M.		
	<b>Currie Park, West Palm Beach</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided, civil engineering, and landscape architecture services to accommodate new infrastructure associated with Currie Park Green Streets project. The scope of work included a design to reduce flooding, improve water quality, and provide streetscape improvements incorporating benefits of Low Impact Design. Design cost: \$62K.		
	<b>Woodfield Country Club Streetscape, Palm Beach County, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable) <b>2018</b>
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI was responsible for inventory and analysis of the existing streetscape. Upon review, WGI created a conceptual design package which illustrated the client's vision with plans and perspectives. WGI represented the client and design at the Community Appearance Board meetings to receive design approvals. Upon receiving all approvals, Bryan developed final landscape and irrigation construction documents for the new streetscape. Construction cost: \$10M.		
	<b>Old City Hall Site - Conceptual Design for Park, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided landscape architecture services for redevelopment of a mixed-use development consisting of an eight-story apartment building, eight-story hotel, retail space, a restaurant, and public park. The restaurant includes a green roof which acts as an extension of the park, providing views of the Intracoastal Waterway. Other key outdoor elements include a rooftop pool deck at the hotel, a courtyard pool amenity space at the apartment, and the public park on Flagler Drive. The public park will be part of a network of art parks along Flagler Drive sponsored by the City of West Palm Beach's Art in Public Places Program. Construction cost: \$138M.		
	<b>HEFT Widening from SR 836 to NW 106th Street, Miami-Dade County, Florida</b>	PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable)
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided landscape architecture, signing and pavement marking related to implementation of express lanes, drainage and stormwater management improvements, tolling gantry design, environmental permitting, utility coordination, subsurface utility exploration, and survey and mapping services for final design plans and construction specifications to widen the Homestead Extension of Florida's Turnpike from south of Dolphin Expressway to NW 106 Avenue to ten lanes including adding express lanes. Bryan prepared the irrigation plan. Design cost: \$14.9M.		

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

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Jennifer Hofmeister, AICP, CS</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Stakeholder Engagement</b>	<b>14. YEARS EXPERIENCE</b> <table style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">a. TOTAL <b>22</b></td> <td style="width: 50%; text-align: center;">b. WITH CURRENT FIRM <b>2</b></td> </tr> </table>		a. TOTAL <b>22</b>	b. WITH CURRENT FIRM <b>2</b>
a. TOTAL <b>22</b>	b. WITH CURRENT FIRM <b>2</b>				
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>Wantman Group, Inc.</b>					
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> Bachelor of Science, Sociology - Florida State University, 1990 Master of Arts, Urban and Regional Planning - Florida Atlantic University, 1993		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> American Institute of Certified Planners			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> Community Association Manager; National Charrette Institute Charrette System Certificate; American Institute of Certified Planners; American Planning Association					

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>a.</b>	<b>Banyan Boulevard Improvements from Tamarind Avenue to Olive Avenue, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
		(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm A complete street project to transform a corridor which has been considered a dividing line between a historic neighborhood and downtown into a gateway to the downtown business district. Construction cost: \$10M.	
<b>b.</b>	<b>Westgate Avenue Corridor Streetscape Plan, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)
		(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI prepared the final conceptual plan based on the results of the Florida Standard Urban Transportation Model Structure (FSUTMS) travel demand modeling completed by the Palm Beach Transportation Planning Agency (TPA). WGI also assisted the CRA staff with the preparation of the PBC TPA FY 2018 Local Initiatives Grant Program application requesting funding for the Westgate streetscape improvements. The goal was to improve walkability, multimodal transportation, and beautification of the corridor with the intent to attract new investment and foster economic vitality. Design cost: \$25K.	
<b>c.</b>	<b>Lindell Boulevard/Brandt Bridge Connector Loop, Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
		(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI prepared a conceptual alignment study for the development of bicycle/pedestrian facilities. This project included the initial planning for the project, assistance with a Public Outreach meeting to inform residents about the project and to determine support, and to prepare a route survey required for final design. Design cost: \$59K.	
<b>d.</b>	<b>Central Seacrest Corridor Utility Improvement, Boynton Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
		(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided streetscape improvements including watermain replacement, wastewater forcemain, stormwater system upgrades including new exfiltration trench, pavement overlay, tree relocations, and miscellaneous upgrades to driveway aprons and sidewalks. The schedule was tailored to fit the seasonal needs of the public, particularly schools, and work zones strategically planned to maximize production. Construction cost: \$10M.	
<b>e.</b>	<b>NW Neighborhood Roadway Reconstruction, Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
		(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This project included improvements to three streets, Davis Road from Poinsettia Boulevard to Dorson Way, Poinsettia Boulevard from Davis Road to Ross Drive, and Dorson Way from Davis Road to Ross Drive, identified with an overall condition index (OCI) that warranted reconstruction in the 2013 Pavement Management System Report. WGI's design services included roadway reconstruction, modification to the Lake Worth Drainage District bridge on Davis Road to provide protected pedestrian access, storm drain and sanitary sewer rehabilitation, and additional roadway lighting. Construction cost: \$1.4M.	

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

(Complete one Section E for each key person.)

12. NAME <b>John Cerreta, PE</b>	13. ROLE IN THIS CONTRACT <b>Roadway Design</b>	14. YEARS EXPERIENCE <table style="width: 100%;"> <tr> <td style="width: 50%;">a. TOTAL <b>25</b></td> <td style="width: 50%;">b. WITH CURRENT FIRM <b>2</b></td> </tr> </table>		a. TOTAL <b>25</b>	b. WITH CURRENT FIRM <b>2</b>
a. TOTAL <b>25</b>	b. WITH CURRENT FIRM <b>2</b>				
15. FIRM NAME AND LOCATION (City and State) <b>Wantman Group, Inc.</b>					
16. EDUCATION (DEGREE AND SPECIALIZATION) Master of Science, Structural Engineering - University of South Florida, 1997; Bachelor of Science, Civil Engineering - University of South Florida, 1994		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Florida			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Advanced Maintenance of Traffic; American Society of Civil Engineers; American Society of Highway Engineers; Florida Engineering Society; National Society of Professional Engineers					

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Banyan Boulevard Improvements from Tamarind Avenue to Olive Avenue, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
<b>a.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm A complete street project to transform a corridor which has been considered a dividing line between a historic neighborhood and downtown into a gateway to the downtown business district. John was the project manager and completed the existing conditions assessment and alternatives analysis. Construction cost: \$10M.		
	<b>CR 798 (Palmetto Park Road) over LWDD E-4 Canal (El Rio Canal) Bridge Replacement, Palm Beach County, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
<b>b.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The project consisted of the replacement of the Palmetto Park Road (CR 798) bridge over the El Rio Canal/Lake Worth Drainage District E-4 Canal. The proposed bridge will be positioned off center to the north of the existing bridge, requiring the realignment of Palmetto Park Road for approximately 1,200 feet east and west of the bridge crossing. John performed plans review and design quality control services. Design cost \$156K.		
	<b>Transportation Engineering and Planning Consultant Services, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
<b>c.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Design services were provided "as needed" basis. Tasks varied from designing an MOT Plan for an event to providing grades for an intersection, independent site visits, and coordination with different offices throughout the City. John created scope and fee packages, negotiated staff hours and fees, managed task assignments, created task schedules, managed invoicing, and provided management services. Design cost: \$196K		
	<b>SR 5/US 1 from CR A1A/Ocean Boulevard Beach Road Bridge, Palm Beach County, Florida</b>	PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable)
<b>d.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Replacement of a 4-lane low-level bascule bridge with a wider 4-lane mid-level bascule bridge accommodating 7-foot bicycle lanes and 8-foot sidewalks on both sides of the road. Traffic railings separated pedestrian facilities from travel lanes. The project improved both vehicular and waterway traffic flows. John was responsible for roadway and drainage design. Design cost: \$5M.		
	<b>HEFT Widening from SR 836 to NW 106th Street, Miami-Dade County, Florida</b>	PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable)
<b>e.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided landscape architecture, signing and pavement marking related to implementation of express lanes, drainage and stormwater management improvements, tolling gantry design, environmental permitting, utility coordination, subsurface utility exploration, and survey and mapping services for final design plans and construction specifications to widen the Homestead Extension of Florida's Turnpike from south of Dolphin Expressway to NW 106 Avenue to ten lanes including adding express lanes. John assisted in the design and production of the RFP design and criteria package. Construction cost \$14.9M.		

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

(Complete one Section E for each key person.)

12. NAME <b>Brett Fuller, PE</b>	13. ROLE IN THIS CONTRACT <b>Roadway Design</b>	14. YEARS EXPERIENCE <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">a. TOTAL <b>8</b></td> <td style="width: 50%; text-align: center;">b. WITH CURRENT FIRM <b>7</b></td> </tr> </table>		a. TOTAL <b>8</b>	b. WITH CURRENT FIRM <b>7</b>
a. TOTAL <b>8</b>	b. WITH CURRENT FIRM <b>7</b>				
15. FIRM NAME AND LOCATION (City and State) <b>Wantman Group, Inc.</b>					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Civil Engineering - University of Miami, 2009 Master of Engineering, Civil Engineering - University of Florida, 2011		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Florida			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Advanced Maintenance of Traffic; FDOT Specifications Package Preparation; Member American of Society of Civil Engineers; Member of Florida Engineering Society; National Society of Professional Engineers					

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Banyan Boulevard Improvements from Tamarind Avenue to Olive Avenue, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm A complete street project to transform a corridor which has been considered a dividing line between a historic neighborhood and downtown into a gateway to the downtown business district. Brett was responsible for the preliminary and alternative roadway designs. Construction cost: \$10M.		
	<b>HEFT Widening from SR 836 to NW 106th Street, Miami-Dade County, Florida</b>	PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable)
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided landscape architecture, signing and pavement marking related to implementation of express lanes, drainage and stormwater management improvements, tolling gantry design, environmental permitting, utility coordination, subsurface utility exploration, and survey and mapping services for final design plans and construction specifications to widen the Homestead Extension of Florida's Turnpike from south of Dolphin Expressway to NW 106 Avenue to ten lanes including adding express lanes. Design cost: \$14.9M.		
	<b>NE 2<sup>ND</sup> Avenue Roadway Restoration and Beautification Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If applicable) <b>2016</b>
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI served as the lead design engineer for the reconstruction and roadway enhancements by designing traffic calming features including reduced traffic lanes from 12 feet to 10 feet, raised plateau intersections, paverbrick crosswalks, landscaped bulb-outs, and resurfacing the existing asphalt pavement within the project corridor. A unique feature was the inclusion of green-striped bicycle lanes to clearly designate the lanes. Services included roadway and drainage design, surveying, permitting, street lighting, signage and striping, landscaping and irrigation. Coordination of the LAP documentation including preparation of a Cultural Resource Assessment Study and an Environmental Resource Assessment report in conformance with the FHA, FTA, and the FDOT. Brett was responsible for the signal design for two intersections. Construction cost: \$1.8M.		
	<b>Kravis Center for the Performing Arts, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided planning, landscape architecture, environmental, civil engineering, and transportation planning services for the expansion of the lobby of the main theater building (Dreyfoos Hall), reconfiguration of both valet and drop off areas, and improved pedestrian access between the administration building (Cohen Pavilion) and Dreyfoos Hall. Services also included designing a new plaza, water feature, landscaping, and site signage. The frontage was redesigned to improve the pedestrian experience with a wide sidewalk, protected cycle track, and relocated mature tree canopy. Design costs: \$235K.		
	<b>Barwick Road Reconstruction from Lake Ida Road to Atlantic Avenue, Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design services included roadway reconstruction and identification of improvements required for incorporation into the Barwick Road Complete Streets Project. Construction cost: \$1.5M.		

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

(Complete one Section E for each key person.)

12. NAME <b>Jerome "Jerry" Saval</b>	13. ROLE IN THIS CONTRACT <b>Water Resources/Infrastructure Design/Capacity Analysis</b>	14. YEARS EXPERIENCE <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">a. TOTAL <b>37</b></td> <td style="width: 50%; border: none;">b. WITH CURRENT FIRM <b>22</b></td> </tr> </table>		a. TOTAL <b>37</b>	b. WITH CURRENT FIRM <b>22</b>
a. TOTAL <b>37</b>	b. WITH CURRENT FIRM <b>22</b>				
15. FIRM NAME AND LOCATION (City and State) <b>Wantman Group, Inc.</b>					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Civil Engineering - University of Florida, 1981		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Certified Floodplain Manager; Member of American Society of Civil Engineers; Member of Florida Engineering Society; Member of National Society of Professional Engineers					

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Banyan Boulevard Improvements from Tamarind Avenue to Olive Avenue, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE A complete street project to transform a corridor which has been considered a dividing line between a historic neighborhood and downtown into a gateway to the downtown business district. Jerry served as the senior drainage engineer. Construction cost: \$10M. <div style="text-align: right;"> <input checked="" type="checkbox"/> Check if project performed with current firm         </div>		
	<b>HEFT Widening from SR 836 to NW 106th Street, Miami-Dade County, Florida</b>	PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable)
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE WGI provided landscape architecture, signing and pavement marking related to implementation of express lanes, drainage and stormwater management improvements, tolling gantry design, environmental permitting, utility coordination, subsurface utility exploration, and survey and mapping services for final design plans and construction specifications to widen the Homestead Extension of Florida's Turnpike from south of Dolphin Expressway to NW 106 Avenue to ten lanes including adding express lanes. Jerry served as the senior drainage engineer. Construction cost \$14.9M. <div style="text-align: right;"> <input checked="" type="checkbox"/> Check if project performed with current firm         </div>		
	<b>Dixie Highway Reconstruction, Palm Beach and Broward Counties, Florida</b>	PROFESSIONAL SERVICES <b>2012</b>	CONSTRUCTION (If applicable) <b>2012</b>
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This Design-Build project realigned a four-lane divided urban arterial and bridge crossing streets, a canal, and a railway (FEC). Improvements included a curved steel tub girder structure, pedestrian pathway structure, off-ramp structure, new stormwater facilities, utility relocations, decorative lighting, new signalization equipment, upgrades to at-grade crossings of the FEC track, and landscape enhancements. Honored with multiple awards: "Class II Project of the Year" Award from the Steel Erectors Association of America, "Grand Award" from the Florida Institute of Consulting Engineers (FICE), the FICE/FDOT "Project of the Year" Award, the FTBA "Best in Construction" Award, and the FICE "Grand Conceptor" Award. Jerry performed surface water management analysis, supervised drainage design, and provided coordination with SFWMD and subconsultants. Design cost: \$4.2M, construction cost: \$40M. <div style="text-align: right;"> <input checked="" type="checkbox"/> Check if project performed with current firm         </div>		
	<b>Las Olas Boulevard Design, Fort Lauderdale, Florida</b>	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This was a complete street assignment along a one-mile segment of signature boulevard that included restaurants, mixed-use commercial, hotels, and high-rise residential towers. Services included traffic calming, bike lanes, beautification, and intermodal improvements. Jerry served as the senior drainage engineer. Construction cost: \$177K. <div style="text-align: right;"> <input checked="" type="checkbox"/> Check if project performed with current firm         </div>		
	<b>NW 21st Avenue from Oakland Park Boulevard to Commercial Boulevard, Broward County, Florida</b>	PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable)
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This project consists of widening the road to add buffered bike lanes, add sidewalk at gap locations, upgrade ADA features, replace the existing bridge over the SFWMD C-13 canal, drainage, pavement markings, and any work that is associated with the addition of the bike lanes and/or sidewalk such as, signing, lighting, signalization, and/or landscaping. This project also includes utilities coordination, survey and geotechnical exploration. In addition, this project will retrofit lights at the intersections of Oakland Park Boulevard at NW 21st Avenue and Commercial Boulevard at NW 21st Avenue to meet current lighting criteria for horizontal and vertical illuminance. Jerry prepared a hydraulic analysis of the canal and a bridge hydraulics report. Design cost: \$106K. <div style="text-align: right;"> <input checked="" type="checkbox"/> Check if project performed with current firm         </div>		



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

(Complete one Section E for each key person.)

12. NAME <b>James "Jimmy" Richie, PE</b>	13. ROLE IN THIS CONTRACT <b>Water Resources/Infrastructure Design/Capacity Analysis</b>	14. YEARS EXPERIENCE <table style="width: 100%;"> <tr> <td style="width: 50%;">a. TOTAL <b>16</b></td> <td style="width: 50%;">b. WITH CURRENT FIRM <b>16</b></td> </tr> </table>		a. TOTAL <b>16</b>	b. WITH CURRENT FIRM <b>16</b>
a. TOTAL <b>16</b>	b. WITH CURRENT FIRM <b>16</b>				
15. FIRM NAME AND LOCATION (City and State) <b>Wantman Group, Inc.</b>					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Civil Engineering - University of Florida, 2001		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Florida			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) FDEP Stormwater Management Inspector; Member of Florida Engineering Society; Member of National Society of Professional Engineers					

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>NE 2<sup>ND</sup> Avenue Roadway Restoration and Beautification</b> <b>Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If applicable) <b>2016</b>
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI served as the lead design engineer for the reconstruction and roadway enhancements by designing traffic calming features including reduced traffic lanes from 12 feet to 10 feet, raised plateau intersections, paverbrick crosswalks, landscaped bulb-outs, and resurfacing the existing asphalt pavement within the project corridor. A unique feature was the inclusion of green-striped bicycle lanes to clearly designate the lanes. Services included roadway and drainage design, surveying, permitting, street lighting, signage and striping, landscaping and irrigation. Coordination of the LAP documentation including preparation of a Cultural Resource Assessment Study and an Environmental Resource Assessment report in conformance with the FHA, FTA, and the FDOT. Construction cost \$1.8M.		
	<b>Westgate Avenue Corridor Streetscape Plan,</b> <b>West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI prepared the final conceptual plan based on the results of the Florida Standard Urban Transportation Model Structure (FSUTMS) travel demand modeling completed by the Palm Beach Transportation Planning Agency (TPA). WGI also assisted the CRA staff with the preparation of the PBC TPA FY 2018 Local Initiatives Grant Program application requesting funding for the Westgate streetscape improvements. The goal was to improve walkability, multimodal transportation, and beautification of the corridor with the intent to attract new investment and foster economic vitality. Design cost: \$25K.		
	<b>Kravis Center for the Performing Arts,</b> <b>West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided planning, landscape architecture, environmental, civil engineering, and transportation planning services for the expansion of the lobby of the main theater building (Dreyfoos Hall), reconfiguration of both valet and drop off areas, and improved pedestrian access between the administration building (Cohen Pavilion) and Dreyfoos Hall. Services also included designing a new plaza, water feature, landscaping, and site signage. The frontage was redesigned to improve the pedestrian experience with a wide sidewalk, protected cycle track, and relocated mature tree canopy. Design costs: \$235K.		
	<b>NW Neighborhood Roadway Reconstruction,</b> <b>Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This project included improvements to three streets, Davis Road from Poinsettia Boulevard to Dorson Way, Poinsettia Boulevard from Davis Road to Ross Drive, and Dorson Way from Davis Road to Ross Drive, identified with an overall condition index (OCI) that warranted reconstruction in the 2013 Pavement Management System Report. WGI's design services included roadway reconstruction, modification to the Lake Worth Drainage District bridge on Davis Road to provide protected pedestrian access, storm drain and sanitary sewer rehabilitation, and additional roadway lighting. Construction cost: \$1.4M.		
	<b>Block 63 Alley Improvements,</b> <b>Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If applicable)
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided survey, subsurface utility exploration, geotechnical, engineering, permitting, and bidding services for the reestablishment of a 16-foot wide, paved rear-yard alley. WGI provided design and bidding services for 650 lineal feet of eight-inch PVC gravity sanitary sewer main. Design cost: \$39K.		

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

(Complete one Section E for each key person.)

12. NAME <b>Stephen Cherry, PE</b>	13. ROLE IN THIS CONTRACT <b>Water Resources/Infrastructure Design/Capacity Analysis</b>	14. YEARS EXPERIENCE <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">a. TOTAL</td> <td style="width: 50%; border: none;">b. WITH CURRENT FIRM</td> </tr> <tr> <td style="text-align: center; border: none;"><b>6</b></td> <td style="text-align: center; border: none;"><b>6</b></td> </tr> </table>		a. TOTAL	b. WITH CURRENT FIRM	<b>6</b>	<b>6</b>
a. TOTAL	b. WITH CURRENT FIRM						
<b>6</b>	<b>6</b>						
15. FIRM NAME AND LOCATION (City and State) <b>Wantman Group, Inc.</b>							
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Civil Engineering - University of Central Florida, 2011		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Florida					
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Member of Florida Engineering Society							

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>NE 2<sup>ND</sup> Avenue Roadway Restoration and Beautification</b> <b>Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If applicable) <b>2016</b>
<b>a.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm  WGI served as the lead design engineer for the reconstruction and roadway enhancements by designing traffic calming features including reduced traffic lanes from 12 feet to 10 feet, raised plateau intersections, paverbrick crosswalks, landscaped bulb-outs, and resurfacing the existing asphalt pavement within the project corridor. A unique feature was the inclusion of green-striped bicycle lanes to clearly designate the lanes. Services included roadway and drainage design, surveying, permitting, street lighting, signage and striping, landscaping and irrigation. Coordination of the LAP documentation including preparation of a Cultural Resource Assessment Study and an Environmental Resource Assessment report in conformance with the FHA, FTA, and the FDOT. Construction cost \$1.8M.		
	<b>NW Neighborhood Roadway Reconstruction,</b> <b>Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
<b>b.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm  This project included improvements to three streets, Davis Road from Poinsettia Boulevard to Dorson Way, Poinsettia Boulevard from Davis Road to Ross Drive, and Dorson Way from Davis Road to Ross Drive, identified with an overall condition index (OCI) that warranted reconstruction in the 2013 Pavement Management System Report. WGI's design services included roadway reconstruction, modification to the Lake Worth Drainage District bridge on Davis Road to provide protected pedestrian access, storm drain and sanitary sewer rehabilitation, and additional roadway lighting. Construction cost: \$1.4M.		
	<b>Central Seacrest Corridor Utility Improvement,</b> <b>Boynton Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
<b>c.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm  WGI provided streetscape improvements including watermain replacement, wastewater forcemain, stormwater system upgrades including new exfiltration trench, pavement overlay, tree relocations, and miscellaneous upgrades to driveway aprons and sidewalks. The schedule was tailored to fit the seasonal needs of the public, particularly schools, and work zones strategically planned to maximize production. Construction cost: \$10M.		
	<b>Barwick Road Reconstruction from Lake Ida Road to Atlantic Avenue, Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable) <b>2017</b>
<b>d.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm  Design services included roadway reconstruction and identification of improvements required for incorporation into the Barwick Road Complete Streets Project. Construction cost: 1.5M.		
	<b>Block 63 Alley Improvements,</b> <b>Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If applicable)
<b>e.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm  WGI provided survey, subsurface utility exploration, geotechnical, engineering, permitting, and bidding services for the reestablishment of a 16-foot wide, paved rear-yard alley. WGI provided design and bidding services for 650 lineal feet of eight-inch PVC gravity sanitary sewer main. Design cost: \$39K.		

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

(Complete one Section E for each key person.)

12. NAME <b>Erik Brueningsen, PE</b>	13. ROLE IN THIS CONTRACT <b>Utility Coordination</b>	14. YEARS EXPERIENCE <table style="width: 100%;"> <tr> <td style="width: 50%;">a. TOTAL <b>33</b></td> <td style="width: 50%;">b. WITH CURRENT FIRM <b>11</b></td> </tr> </table>		a. TOTAL <b>33</b>	b. WITH CURRENT FIRM <b>11</b>
a. TOTAL <b>33</b>	b. WITH CURRENT FIRM <b>11</b>				
15. FIRM NAME AND LOCATION (City and State) <b>Wantman Group, Inc.</b>					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Civil Engineering - Virginia Tech, 1982		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Florida			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Member of Florida Engineering Society; Member of Florida Utilities Coordinating Committee					

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Banyan Boulevard Improvements from Tamarind Avenue to Olive Avenue, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable) 
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm A complete street project to transform a corridor which has been considered a dividing line between a historic neighborhood and downtown into a gateway to the downtown business district. Erik was responsible for coordinating utility agency owners occupying the right-of-way and identifying conflicts and determining best resolution. Construction cost: \$10M.		
	<b>HEFT Widening from SR 836 to NW 106th Street, Miami-Dade County, Florida</b>	PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable) 
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided landscape architecture, signing and pavement marking related to implementation of express lanes, drainage and stormwater management improvements, tolling gantry design, environmental permitting, utility coordination, subsurface utility exploration, and survey and mapping services to widen the Homestead Extension of Florida's Turnpike from south of Dolphin Expressway to NW 106 Avenue to ten lanes including adding express lanes. Design cost: \$14.9M		
	<b>NE 2<sup>ND</sup> Avenue Roadway Restoration and Beautification Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If applicable) <b>2016</b>
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI served as the lead design engineer for the reconstruction and roadway enhancements by designing traffic calming features including reduced traffic lanes from 12 feet to 10 feet, raised plateau intersections, paverbrick crosswalks, landscaped bulb-outs, and resurfacing the existing asphalt pavement within the project corridor. A unique feature was the inclusion of green-striped bicycle lanes to clearly designate the lanes. Services included roadway and drainage design, surveying, permitting, street lighting, signage and striping, landscaping and irrigation. Coordination of the LAP documentation including preparation of a Cultural Resource Assessment Study and an Environmental Resource Assessment report in conformance with the FHA, FTA, and the FDOT. Construction cost: \$1.8M.		
	<b>Kravis Center for the Performing Arts, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable) 
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided planning, landscape architecture, environmental, civil engineering, and transportation planning services for the expansion of the lobby of the main theater building (Dreyfoos Hall), reconfiguration of both valet and drop off areas, and improved pedestrian access between the administration building (Cohen Pavilion) and Dreyfoos Hall. Services also included designing a new plaza, water feature, landscaping, and site signage. The Okeechobee Boulevard frontage was redesigned to improve the pedestrian experience with a wide sidewalk, protected cycle track, and relocated mature tree canopy. Design costs: \$235K.		
	<b>NW Neighborhood Roadway Reconstruction, Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable) 
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This project included improvements to three streets, Davis Road from Poinsettia Boulevard to Dorson Way, Poinsettia Boulevard from Davis Road to Ross Drive, and Dorson Way from Davis Road to Ross Drive, identified with an overall condition index (OCI) that warranted reconstruction in the 2013 Pavement Management System Report. WGI's design services included roadway reconstruction, modification to the Lake Worth Drainage District bridge on Davis Road to provide protected pedestrian access, storm drain and sanitary sewer rehabilitation, and additional roadway lighting. Construction cost: \$1.4M.		



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

(Complete one Section E for each key person.)

12. NAME <b>Alan Boaz</b>	13. ROLE IN THIS CONTRACT <b>Utility Coordination</b>	14. YEARS EXPERIENCE <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">a. TOTAL <b>31</b></td> <td style="width: 50%; border: none;">b. WITH CURRENT FIRM <b>2</b></td> </tr> </table>		a. TOTAL <b>31</b>	b. WITH CURRENT FIRM <b>2</b>
a. TOTAL <b>31</b>	b. WITH CURRENT FIRM <b>2</b>				
15. FIRM NAME AND LOCATION (City and State) <b>Wantman Group, Inc.</b>					
16. EDUCATION (DEGREE AND SPECIALIZATION) Power Technology Degree - Bismarck State College, 2003		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Florida Utilities Coordinating Committee					

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Banyan Boulevard Improvements from Tamarind Avenue to Olive Avenue, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm A complete street project to transform a corridor which has been considered a dividing line between a historic neighborhood and downtown into a gateway to the downtown business district. Alan served as the utility coordination manager. Construction cost: \$10M.		
	<b>HEFT Widening from SR 836 to NW 106th Street, Miami-Dade County, Florida</b>	PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable)
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided landscape architecture, signing and pavement marking related to implementation of express lanes, drainage and stormwater management improvements, tolling gantry design, environmental permitting, utility coordination, subsurface utility exploration, and survey and mapping services for final design plans and construction specifications to widen the Homestead Extension of Florida's Turnpike from south of Dolphin Expressway to NW 106 Avenue to ten lanes including adding express lanes. Alan was responsible for the overall utility coordination and relocation of electrical distribution and transmission facilities for this project, including the coordination of multiple service points of delivery for all tolling and existing service within the boundaries of the project. Construction cost \$14.9M.		
	<b>NW Neighborhood Roadway Reconstruction, Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This project included improvements to three streets, Davis Road from Poinsettia Boulevard to Dorson Way, Poinsettia Boulevard from Davis Road to Ross Drive, and Dorson Way from Davis Road to Ross Drive, identified with an overall condition index (OCI) that warranted reconstruction in the 2013 Pavement Management System Report. WGI's design services included roadway reconstruction, modification to the Lake Worth Drainage District bridge on Davis Road to provide protected pedestrian access, storm drain and sanitary sewer rehabilitation, and additional roadway lighting. Alan served as the utility coordinator. Construction cost: \$1.4M.		
	<b>Kravis Center for the Performing Arts, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided planning, landscape architecture, environmental, civil engineering, and transportation planning services for the expansion of the lobby of the main theater building (Dreyfoos Hall), reconfiguration of both valet and drop off areas, and improved pedestrian access between the administration building (Cohen Pavilion) and Dreyfoos Hall. Services also included designing a new plaza, water feature, landscaping, and site signage. The frontage was redesigned to improve the pedestrian experience with a wide sidewalk, protected cycle track, and relocated mature tree canopy. Alan served as the utility coordination manager. Design costs: \$235K.		
	<b>NW/SW Neighborhood Alleys, Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable) <b>2018</b>
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided engineering design, bidding, permitting, surveying, subsurface utility engineering, and geotechnical services for three unpaved alleys. This project included paving, grading, and drainage improvements. Robert was responsible for identifying, requesting, and documenting facility information for utility agency owners occupying the right-of-way within the project limits. Alan served as the utility coordinator. Design cost: \$77K		

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

(Complete one Section E for each key person.)

12. NAME <b>Radoslaw "Radek" Grabowski</b>	13. ROLE IN THIS CONTRACT <b>SUE Coordination</b>	14. YEARS EXPERIENCE <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">a. TOTAL <b>22</b></td> <td style="width: 50%; border: none;">b. WITH CURRENT FIRM <b>7</b></td> </tr> </table>		a. TOTAL <b>22</b>	b. WITH CURRENT FIRM <b>7</b>
a. TOTAL <b>22</b>	b. WITH CURRENT FIRM <b>7</b>				
15. FIRM NAME AND LOCATION (City and State) <b>Wantman Group, Inc.</b>					
16. EDUCATION (DEGREE AND SPECIALIZATION) Associate of Arts - Palm Beach State College, 2012		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers, Student Member; Florida Surveying and Mapping Society, Student Member					

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Banyan Boulevard Improvements from Tamarind Avenue to Olive Avenue, West Palm Beach, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm A complete street project to transform a corridor which has been considered a dividing line between a historic neighborhood and downtown into a gateway to the downtown business district. Radek served as the SUE/geospatial coordinator. Construction cost: \$10M.		
	<b>NE 2<sup>ND</sup> Avenue Roadway Restoration and Beautification Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If applicable) <b>2016</b>
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI served as the lead design engineer for the reconstruction and roadway enhancements by designing traffic calming features including reduced traffic lanes from 12 feet to 10 feet, raised plateau intersections, paverbrick crosswalks, landscaped bulb-outs, and resurfacing the existing asphalt pavement within the project corridor. A unique feature was the inclusion of green-striped bicycle lanes to clearly designate the lanes. Services included roadway and drainage design, surveying, permitting, street lighting, signage and striping, landscaping and irrigation. Coordination of the LAP documentation including preparation of a Cultural Resource Assessment Study and an Environmental Resource Assessment report in conformance with the FHA, FTA, and the FDOT. Radek served as the SUE and geospatial coordinator. Construction cost \$1.8M.		
	<b>Las Olas Boulevard Design, Fort Lauderdale, Florida</b>	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This was a complete street assignment along a one-mile segment of signature boulevard that included restaurants, mixed-use commercial, hotels, and high-rise residential towers. Services included traffic calming, bike lanes, beautification, and intermodal improvements. Geospatial services included terrestrial mobile LiDAR, design surveys, utility locating, drainage surveys, right-of-way retracement, cross sections, and coordination of aerial survey services. Construction cost: \$177K.		
	<b>Fort Fraser Trail Extension from SR 540 Winter Lake Road to Combee Road, Polk County, Florida</b>	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The project included extending the Fort Fraser Trail to provide connectivity between Lakeland and Bartow. The proximity of high voltage overhead electric transmission lines running parallel to the trail play was significant in the alignment and constructability of the pedestrian bridge necessary to satisfy clearance requirements. The project also involved coordination with CSX on conversion of railroad property. Services included roadway and trail design, structural design, drainage and environmental permitting, survey and right-of-way mapping, signing and pavement markings, signalization, lighting analysis, utility coordination and subsurface utility engineering, geotechnical and contamination investigation, landscape architecture, and public involvement. Construction cost: \$20M.		
	<b>HEFT Widening from SR 836 to NW 106th Street, Miami-Dade County, Florida</b>	PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable) <b>\</b>
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided landscape architecture, signing and pavement marking related to implementation of express lanes, drainage and stormwater management improvements, tolling gantry design, environmental permitting, utility coordination, subsurface utility exploration, and survey and mapping services for final design plans and construction specifications to widen the Homestead Extension of Florida's Turnpike from south of Dolphin Expressway to NW 106 Avenue to ten lanes including adding express lanes. Radek served as the SUE and geospatial coordinator. Design cost: \$14.9M.		

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

(Complete one Section E for each key person.)

12. NAME <b>Greg Griffith</b>	13. ROLE IN THIS CONTRACT <b>Environmental Permitting</b>	14. YEARS EXPERIENCE <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">a. TOTAL <b>17</b></td> <td style="width: 50%; border: none;">b. WITH CURRENT FIRM <b>11</b></td> </tr> </table>		a. TOTAL <b>17</b>	b. WITH CURRENT FIRM <b>11</b>
a. TOTAL <b>17</b>	b. WITH CURRENT FIRM <b>11</b>				
15. FIRM NAME AND LOCATION (City and State) <b>Wantman Group, Inc.</b>					
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Environmental Science - University of West Florida, 2001		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) FDEP Stormwater Management Inspector; FWC Authorized Gopher Tortoise Agent; PADI Open Water Diver; Member of Florida Association of Environmental Professionals; Member of Florida Stormwater Association					

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	<b>Las Olas Boulevard Ride Deficiency Improvements, Fort Lauderdale, Florida</b>	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable) 
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided design plans and specifications to address ride and pavement deficiencies, pavement repairs, underground utility and drainage adjustments, American Disability Act (ADA) and pedestrian issues along the right-of-way corridor to correct ride and pavement deficiencies. Services included pavement and marking plans, maintenance of traffic plans, cost estimates, ADA ramp and pedestrian access modifications, drainage improvements, video inspections, bidding assistance and post design construction services Greg was responsible for environmental considerations and applicable permits. Design cost: \$480K.		
b.	<b>NE 2<sup>ND</sup> Avenue Roadway Restoration and Beautification Delray Beach, Florida</b>	PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If applicable) <b>2016</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI served as the lead design engineer for the reconstruction and roadway enhancements by designing traffic calming features including reduced traffic lanes from 12 feet to 10 feet, raised plateau intersections, paverbrick crosswalks, landscaped bulb-outs, and resurfacing the existing asphalt pavement within the project corridor. A unique feature was the inclusion of green-striped bicycle lanes to clearly designate the lanes. Services included roadway and drainage design, surveying, permitting, street lighting, signage and striping, landscaping and irrigation. Coordination of the LAP documentation including preparation of a Cultural Resource Assessment Study and an Environmental Resource Assessment report in conformance with the FHA, FTA, and the FDOT. Greg was responsible for the environmental assessment. Construction cost \$1.8M.		
c.	<b>HEFT Widening from SR 836 to NW 106th Street, Miami-Dade County, Florida</b>	PROFESSIONAL SERVICES <b>Ongoing</b>	CONSTRUCTION (If applicable) 
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WGI provided landscape architecture, signing and pavement marking related to implementation of express lanes, drainage and stormwater management improvements, tolling gantry design, environmental permitting, utility coordination, subsurface utility exploration, and survey and mapping services for final design plans and construction specifications to widen the Homestead Extension of Florida's Turnpike from south of Dolphin Expressway to NW 106 Avenue to ten lanes including adding express lanes. Greg was responsible for environmental permitting. Design cost: \$14.9M.		
d.	<b>University Drive at Nova Drive, Broward County, Florida</b>	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 This project was a resurfacing, restoration and rehabilitation roadway project. Greg was responsible for obtaining permits from various local, state and federal regulatory agencies including USACE, SFWMD and Central Broward Water Control District.		
e.	<b>SR 9/I-95 at Copans Road Interchange Modification, Broward County, Florida</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable) 
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This project included interchange improvements to address operational deficiencies that included a high level of traffic congestion in the merge and diverge areas between the entrance and exit ramps. Northbound and southbound entrance ramps were combined into CD roads to provide a less congested and slower speed merge condition that is separated from the SR 9/I-95 general purpose lanes. Greg was responsible for the environmental permitting portion of the SFWMD ERP and the environmental permitting associated with the USACE permit. Construction Cost: \$17.5M.		

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

(Complete one Section E for each key person.)

<b>12. NAME</b> Leah deRiel, P.E.	<b>13. ROLE IN THIS CONTRACT</b> Senior Project Engineer	<b>14. YEARS EXPERIENCE</b>	
		<b>A. TOTAL</b> 13	<b>B. WITH CURRENT FIRM</b> 6
<b>15. FIRM NAME AND LOCATION (City and State)</b> New Millennium Engineering, Inc.			
<b>16. EDUCATION (Degree and Specialization)</b> Cornell University (2004) B.S. Civil Engineering Major: Structural Engineering		<b>17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)</b> Professional Engineer, Florida #69867	
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> FDOT – CTQP Final Estimates Levels I & II, FDOT – CTQP QC Manager, FDOT Critical Structures Construction Issues (Self-Study), FDOT Auger Cast Piles & MSE Wall Inspector (Self-Study), ADA for Design & Construction, ATSSA – Florida Advanced Traffic Work Zone Control, FDEP-Stormwater, Erosion & Sedimentation Control Inspector, ADA for Design & Construction, ADA for Construction Projects (BT-05-0062 SECT 0136)			

<b>a.</b>	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Pembroke Road west of Dykes Rd. to east of Silver Shores Blvd	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		01/18 - Present	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Senior Project Engineer - The scope of this project is the reconstruction/widening of approximately 6000 LF of Pembroke Road from just west of Dykes Rd. to east of Silver Shores Blvd. To achieve the objectives of the County's Complete Streets initiative, the project widens the typical section within this corridor and adds bike lanes, sidewalks, and walls to both sides of the roadway. It also requires drainage, signal, lighting, landscape & irrigation improvements			
<b>b.</b>	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Flagler Memorial Bridge FIN No.: 412489-2-52-01	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		11/15 – 01/18	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Project Administrator - Project Cost: \$94M: The Flagler Memorial Bascule (moveable span) Bridge Replacement Design/Build Project replaces the existing bridge with a new 4-lane divided bridge. Project consists of the replacement of a steel bascule leaf. The bascule leaf consists of the construction and erection of a new continuous steel plate girder main girder, steel floor beams, and lateral bracing. The new bridge has two 12' travel lanes in each direction, an 8' wide shoulder on each side, and a 15.5' median; having 8' wide sidewalk on each side, separating pedestrian traffic with permanent concrete barriers. The bridge will be supported by drilled and poured concrete shafts. This major bridge replacement project included the replacement of 24" force and water mains installed using subaqueous horizontal directional bore method. Other improvements include drainage, signage and pavement markings, and traffic signals. The new bridge will also feature four pedestrian outlooks and a new tender house, decorative roadway lighting, and LED lighting beneath the bridge. The vertical clearance will be increased to 21' under the bridge and the navigable-channel width will be increased to 125 feet. There will be fewer piers which will be spaced farther apart. The existing bridge overpass at Flagler Drive will be permanently eliminated and replaced with a new at-grade signalized intersection. Portions of Flagler Drive from 4th St. to north of 7th Street will also be reconstructed.			
<b>c.</b>	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	SR-A1A Flagler Memorial Bridge FIN No.: 412489-2-52-01, Palm Beach County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		06/14 - 01/15	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Senior Inspector: The Flagler Memorial Bascule (moveable span) Bridge replacement is a Design/Build Project consisting of complete replacement of the existing bridge with a new four-lane divided bridge. The new bridge includes two 12-foot wide travel lanes in each direction, an eight-foot wide shoulder on each side and a 15.5-foot median. There will also be an eight-foot wide sidewalk on each side. Pedestrian traffic will be separated by permanent concrete barrier walls. During this project, the existing bridge overpass at Flagler Drive will be permanent eliminated and replaced. He is responsible for the inspection of structure excavation, reinforcing steel placement, pile driving, concrete formwork, concrete placement for abutments & footings, columns, column caps and superstructure, reinforcing steel, pre-stressing, bridge deck grades, concrete curing, concrete finish, concrete deck finishing, drill shaft installations, and other roadway field operations. Supervise contractors and all the subcontractors on bridge construction operations.			

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

(Complete one Section E for each key person.)

12. NAME Yadollah Ghobadi	13. ROLE IN THIS CONTRACT Senior Inspector	14. YEARS EXPERIENCE	
		A. TOTAL 30	B. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) New Millennium Engineering, Inc.			
16. EDUCATION (Degree and Specialization) Bachelor of Science, Political Science - Tehran University Bachelor of Science, Business Administration - Nova University		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) N/A	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) FDOT-CTQP Asphalt Paving Technician Levels I & II, FDOT-CTQP Concrete Field Technician Levels I & II, FDOT-CTQP Earthwork Construction Inspector Levels I & II, FDOT-CTQP Drilled Shaft Inspection, FDOT-CTQP Pile Driving Inspection, FDOT-CTQP Final Estimates Level I, FDOT-CTQP MSE Wall & Auger Cast Piles (Self-Study), FDOT Critical Structures Construction Issues (Self-Study), FDOT Intermediate Temporary Traffic Control (MOT), IMSA Traffic Signal Level 1, IMSA Fiber Optics for ITS Levels I & II, ACI Concrete Field Testing Technician Grade 1, ACI Concrete Transportation Construction Inspector, FDEP-Florida Stormwater, Erosion & Sed. Control Inspector, Troxler Nuclear Gauge Safety Certified, Bonded Post Tensioning Levels I & II, ProjectTRACKER® Certified			

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Miami-Dade County Public Works (Project No. 20140081) Tamiami Canal Bridge Replacement	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		03/16 - Present	
<b>a.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm  Senior Inspector – Removal of the existing swing bridge and associated wing walls, abutments and the pivot pier. Installation of a new concrete bascule bridge within the eastern and western limits to be supported by structures installed landward of the new seawalls. Responsibilities include assisting with the monitoring of existing lighting and signalization utilities, processing estimates, change orders, materials approvals, and RFIs. Responsible for inspection of MOT, drainage, construction, excavation and embankment operations, composite base, asphalt, concrete curb and sidewalk, pavement markings, signalization, roadway lighting and landscaping.		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	SR823/NW 57 Ave/Red Road from West 25 St to West 46 St and from West 46 St to West 54 St. FPNs: 249941-5-52-01 & 249941-1-52-01, Miami-Dade County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		02/15 – 02/16	
<b>b.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm  Senior Inspector – Project Cost: \$36M. The improvements under this contract consists of adding lanes and reconstruction along SR823/NW 57th Avenue from West 23rd Street to West 46th Street. Extensive water main work such as installation of a 12" water main straight over the culverts at West 29th Street and a 36" water main tie-in at the west end of the project per the request of the City of Hialeah Water & Sewer Department. Responsible for inspection of all drainage, earthwork, concrete, and asphalt pavement construction for this major reconstruction project		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	SR-A1A Flagler Memorial Bridge FPN #: 412489-2-52-01, Palm Beach County, FL	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		06/14 - 01/15	
<b>c.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm  Senior Inspector: The Flagler Memorial Bascule (moveable span) Bridge replacement is a Design/Build Project consisting of complete replacement of the existing bridge with a new four-lane divided bridge. The new bridge includes two 12-foot wide travel lanes in each direction, an eight-foot wide shoulder on each side and a 15.5-foot median. There will also be an eight-foot wide sidewalk on each side. Pedestrian traffic will be separated by permanent concrete barrier walls. During this project, the existing bridge overpass at Flagler Drive will be permanent eliminated and replaced. He is responsible for the inspection of structure excavation, reinforcing steel placement, pile driving, concrete formwork, concrete placement for abutments & footings, columns, column caps and superstructure, reinforcing steel, pre-stressing, bridge deck grades, concrete curing, concrete finish, concrete deck finishing, drill shaft installations, and other roadway field operations. Supervise contractors and all the subcontractors on bridge construction operations.		

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

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Raj Krishnasamy, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Principal Geotechnical Engineer</b>	<b>14. YEARS EXPERIENCE</b> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">a. TOTAL</td> <td style="width: 50%; border: none;">b. WITH CURRENT FIRM</td> </tr> <tr> <td style="border: none; text-align: center;"><b>31</b></td> <td style="border: none; text-align: center;"><b>18</b></td> </tr> </table>		a. TOTAL	b. WITH CURRENT FIRM	<b>31</b>	<b>18</b>
a. TOTAL	b. WITH CURRENT FIRM						
<b>31</b>	<b>18</b>						
<b>15. FIRM NAME AND LOCATION (City and State)</b> TIERRA SOUTH FLORIDA, INC., West Palm Beach, Florida							
<b>16. EDUCATION (DEGREE AND SPECIALIZATION)</b> BS Civil Engineering, Christian Brothers University, 1987 MS Civil Engineering, University of Memphis, 1996		<b>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)</b> Professional Engineer, Florida No. 53567					
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> American Society of Highway Engineers, Past President, Florida Engineering Society, Past Treasurer Geotechnical Material Engineering Council, Past Chairman							

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>SR 820/Pines Boulevard/Hollywood Boulevard From east of US-27 (MP 0.100) to east of Young Circle (18.900), Broward County, Florida</b>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2017	
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Krishnasamy was the principal in charge of the geotechnical engineering services for several roadway improvements under consideration on Flamingo Road, Pines Boulevard and Hollywood Boulevard in Broward County. The study was performed to obtain information on the existing subsurface conditions at the proposed project site to assist in the design and preparation of construction plans for the proposed improvements. Reviewed the existing data from previous geotech studies. Provided geotechnical recommendations regarding general site development, permanent cut and fill slopes, excavations, groundwater control, pavement design, on-site soil suitability, Permanent Sheet Pile Wall, Light Pole installation, and construction considerations. ✓ <b>Completed on time ✓ Within budget</b>		
	<b>SW 4th Avenue at SW 28th Street, Broward County, Florida</b>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2016	
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Krishnasamy was the principal in charge of the geotechnical engineering services for the safety improvement project at the intersection of SW 4th Avenue at SW 28th Street in Broward County. The improvements included the installation of a mast arm structure, and roadway widening in the general intersection areas. The study was performed to obtain information on the existing subsurface conditions at the proposed project site to assist in the design and preparation of construction plans for the proposed improvements. Field work included Standard Penetration Test (SPT) borings. Provided geotechnical evaluations and recommendations regarding foundation design and drilled shaft construction. ✓ <b>Completed on time ✓ Within budget</b>		
	<b>Marina Mile (SR 84) at SW 15th Avenue, Broward County, Florida</b>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2016	
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Krishnasamy was the principal in charge of the geotechnical engineering services for the safety improvement project at the intersection of Marina Mile Boulevard (SR 84) and SW 15th Avenue in Broward County. The improvements included the installation of a mast arm structure, and roadway widening in the general intersection areas. The study was performed to obtain information on the existing subsurface conditions at the proposed project site to assist in the design and preparation of construction plans for the proposed improvements. Field work included Standard Penetration Test (SPT) borings. Provided geotechnical evaluations and recommendations regarding foundation design and drilled shaft construction. ✓ <b>Completed on time ✓ Within budget</b>		
	<b>Copans Road Wastewater Replacement Project, Coconut Creek, Florida</b>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
		2017	
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Krishnasamy was the principal in charge of the geotechnical engineering study for the Copans Road Wastewater Replacement Project in Coconut Creek, Florida. The project consists of the replacement of the existing force main extending from Sample Road along Lyons to Copans Road and from Copans Road to Florida's Turnpike for a length of about 11,500 linear feet. The purpose of the study was to explore the subsurface conditions at the site to enable an evaluation of acceptable construction considerations. Provided geotechnical evaluations and recommendations regarding excavations, trench backfill and lateral earth pressures. ✓ <b>Completed on time ✓ Within budget</b>		



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT***(Complete one Section E for each key person.)*

12. NAME <b>Larry M. Smith, P.E.</b>	13. ROLE IN THIS CONTRACT Electrical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 30	b. WITH CURRENT FIRM 17
15. FIRM NAME AND LOCATION <i>(City and State)</i> <b>Smith Engineering Consultants, Inc, 2161 Palm Beach Lakes Blvd., Suite 312, West Palm Beach, FL 33409</b>			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>  Bachelor of Science in Electrical Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>  Florida/Electrical Engineering	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Post-graduate studies at FAU in telecommunications, Tau Beta Pi (Engineering Honor Society), IEEE, Florida Engineering Society (Past President of the Palm Beach Chapter), Florida Building Code electrical technical advisory committee, FES state energy committee.			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	SFWMD Stormwater Treatment Area (STA)-IW Palm Beach County, Florida	PROFESSIONAL SERVICES 1999	CONSTRUCTION <i>(If Applicable)</i> 2003
a.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Electrical design for the gate control structure and trash rakes. This included the electrical service and distribution, controls, lighting, instrumentation, and telemetry systems. The telemetry system was designed using the District's standard RTU design.		
	(1) TITLE AND LOCATION <i>(City and State)</i> SFWMD P.S. 319 Loxahatchee, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2005 CONSTRUCTION <i>(If Applicable)</i> 2005	
b.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Construction administration for the electrical systems of this pump station designed by the Army Corps of Engineers. We observed the electrical installations and prepared the contract record drawings for review by the Corps. Corrections were made to the electrical design drawings in accordance with the actual construction observed by us and as reported by the contractor.		
	(1) TITLE AND LOCATION <i>(City and State)</i> Mirasol Pump Station Palm Beach Gardens, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2001 CONSTRUCTION <i>(If Applicable)</i> 2003	
c.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Electrical design for a new stormwater pump station. This pump station consisted of six (6) electric motor operated pumps with both upstream and downstream water level monitoring. A backup diesel generator was designed to provide power for full pumping capacity. Reduced-voltage motor starters were designed to reduce the starting inrush current for the large electric motors. Electrical design included motor operated gates for control structures, electrical service and distribution, lighting, controls, instrumentation, and telemetry systems.		
	(1) TITLE AND LOCATION <i>(City and State)</i> City of Lake Worth Master Pump Station Lake Worth, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2002 CONSTRUCTION <i>(If Applicable)</i> 2003	
d.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Electrical design including power, controls, instrumentation and telemetry for the conversion of the existing wetwell pump station to an in-line booster station. Variable frequency drives (VFD's) were used to match the varying wastewater flow into and out of the pump station. An upgraded telemetry system was designed to replace the existing, aging system, and to provide control and status reporting to the existing central station.		
	(1) TITLE AND LOCATION <i>(City and State)</i> Gateway Community Development District Ft. Myers, Florida	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2004 CONSTRUCTION <i>(If Applicable)</i> 2005	
e.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Electrical design including power, controls, instrumentation and telemetry for the rehabilitation of an existing reclaimed water pump station. Five (5) new pumps were provided with variable frequency drives (VFD's) to provide water to the local community, including golf course irrigation. A hydropneumatic tank with an air compressor system was installed to help maintain water pressure.		

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S 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)*

**Banyan Boulevard From Tamarind Avenue to Olive Avenue  
West Palm Beach, Florida**

22. YEAR COMPLETED

PROFESSIONAL SERVICES

**2018**

CONSTRUCTION *(If applicable)*

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

**City of West Palm Beach**

b. POINT OF CONTACT NAME

**Erik Ferguson, PE**

c. POINT OF CONTACT TELEPHONE NUMBER

**561-822-2105**

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

Serving as the main access road to federal, state, and local offices, Banyan Boulevard also functions as a gateway into downtown West Palm Beach for many government employees and residents. The corridor provides access to the waterfront and a connection to the heart of the downtown entertainment district. The goal of this corridor redevelopment was to create a vibrant street and a downtown gateway, prioritizing pedestrians and cyclists, and designed with alternative mobility infrastructure, as well as safe accommodation of automobiles. Additionally, with assistance from the adjacent Northwest neighborhood, public art and gateway features join, rather than isolate, the residential neighborhood with downtown.

Typical roadway sections were developed to transform the corridor into a bicycle and pedestrian-friendly link while adhering to current Florida Design Manual standards and meeting an acceptable level of service based on adopted criteria. The recommended typical section incorporates a raised protected cycle track for the length of the corridor. This alternative protects cyclists from vehicular conflicts and reduces the width of pavement which lends itself to slower driving speeds. The use and placement of the canopy trees creates a sense of enclosure and visual order which is currently lacking. This design will reinvent Banyan Boulevard as a corridor prototype for multi-mobility in the City.

Construction Cost: \$10M

**Key Staff:**

**John Cerreta, PE, Project Manager**

Angela Biagi, PLA, LEED AP BD+C

Alan Boaz

Jeff Brophy, PLA

Erik Brueningsen, PE

Cheryl Callender, PLA, LEED, SITES AP, ISA Certified Arborist

Laura Collazos

Brett Fuller, PE

Radek Grabowski

Jennifer Hofmeister, AICP, LCAM, CS

Jason Mihalovits, PLA, LEED AP



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

a.	(1) FIRM NAME <b>Wantman Group, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>West Palm Beach, Florida</b>	(3) ROLE <b>Prime Consulting Planner and Engineer</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE



**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S 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)*

**Alternate A1A Beautification  
Palm Beach Gardens, Florida**

22. YEAR COMPLETED

PROFESSIONAL SERVICES

**2015**

CONSTRUCTION *(If applicable)*

**2018**

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

**City of Palm Beach Gardens**

b. POINT OF CONTACT NAME

**Angela Brown**

c. POINT OF CONTACT TELEPHONE NUMBER

**561-804-7010**

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

WGI assisted the City of Palm Beach Gardens in developing a beautification grant package for submittal to the Florida Department of Transportation District 4 (FDOT). The grant was for a 1.2-mile section of SR 811/Alternate A1A from the Earman Canal to Burns Road. WGI performed all coordination with the District Landscape Architect on behalf of the City. For the grant package, WGI prepared conceptual landscape plans, graphic renderings, and conceptual landscape and irrigation cost estimates. WGI also assisted the City in preparing the grant write up. Upon award of the grant from FDOT, the City contracted WGI to provide full construction drawings for the project which included landscape and irrigation plans as well as traffic control plans and cost estimates. WGI also provided construction observation services. The streetscape design included landscape and irrigation improvements to the medians and west shoulder, helping to buffer the adjacent FEC Railroad and provide a pleasant aesthetic for the corridor.

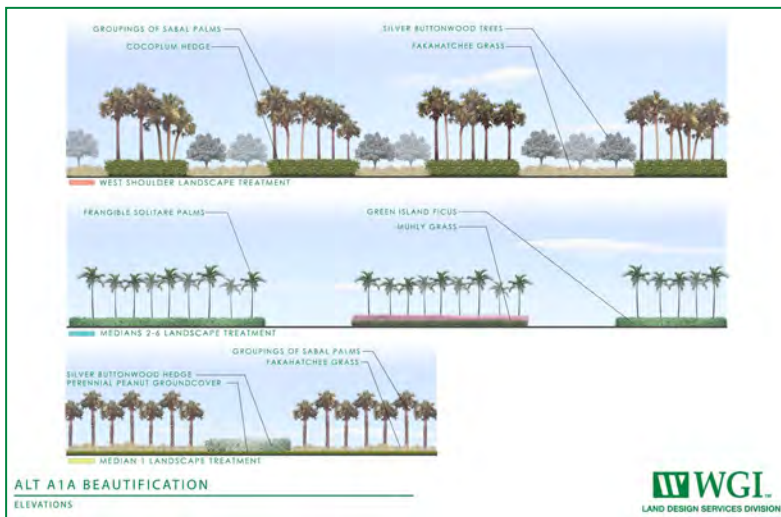
Design cost: \$30K

Key Staff:

**Jason Mihalovits, PLA, LEED AP,  
Project Manager**

Angela Biagi, PLA, LEED BD+C

Cheryl Callender, PLA, LEED, SITES  
AP, ISA Certified Arborist



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

a.	(1) FIRM NAME <b>Wantman Group, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>West Palm Beach, Florida</b>	(3) ROLE <b>Prime Consulting Planner and Engineer</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S 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)*

**Kravis Center for the Performing Arts  
West Palm Beach, Florida**

22. YEAR COMPLETED

PROFESSIONAL SERVICES

**2018**

CONSTRUCTION *(If applicable)*

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

**The Raymond F Kravis Center for the Performing Arts, Inc.**

b. POINT OF CONTACT NAME

**James Mitchell**

c. POINT OF CONTACT TELEPHONE NUMBER

**561-651-4237**

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

The Raymond F. Kravis Center for the Performing Arts sits on 10.6 acres of property at the gateway to downtown West Palm Beach. Kravis Center includes a five-level parking garage, four venues with more than 1400 events hosted annually and attendance of more than 500,000 guests each year. WGI provided planning, landscape architecture, environmental, civil engineering, and transportation services for the expansion of the lobby of the main theater building (Dreyfoos Hall), reconfiguration of both valet and new bus drop off areas, and improved pedestrian access between the administration building (Cohen Pavilion) and Dreyfoos Hall. The Kravis Center expansion also included designing a new plaza, water feature, landscaping, and site signage which WGI worked closely with the project architect to design. The Okeechobee Boulevard frontage was redesigned to improve the pedestrian experience with a wide sidewalk, protected cycle track, and relocated mature tree canopy.

Design Cost: \$235K



Key Staff:

**Angela Biagi, PLA, LEED AP BD+C,  
Project Manager**

Alan Boaz

Jeff Brophy, PLA

Erik Brueningsen, PE

Brett Fuller, PE

Jimmy Richie, PE

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

a.	(1) FIRM NAME <b>Wantman Group, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>West Palm Beach, Florida</b>	(3) ROLE <b>Prime Consulting Planner and Engineer</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S 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)*

**NE 2<sup>ND</sup> Avenue Roadway Restoration and Beautification  
Delray Beach, Florida**

22. YEAR COMPLETED

PROFESSIONAL SERVICES

**2016**

CONSTRUCTION *(If applicable)*

**2016**

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

**City of Delray Beach**

b. POINT OF CONTACT NAME

**Isaac Kovner, PE**

c. POINT OF CONTACT TELEPHONE NUMBER

**561-243-7322**

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

WGI served as the lead design engineer for the NE 2nd Avenue Roadway "Complete Street" Project and worked closely with the City of Delray Beach, the City of Delray Beach CRA, and the Florida Department of Transportation (FDOT) on the reconstruction and roadway enhancements of this local arterial roadway located within a historical district of the City. The overall goal of the project was to enhance the roadway, which runs through a historical district, by designing into the plan traffic calming features including reduced traffic lanes from 12 feet to 10 feet, raised plateau intersections, paverbrick crosswalks, landscaped bulb-outs, and resurfacing the existing asphalt pavement within the project corridor. A unique feature in the design was the inclusion of green-striped bicycle lanes to clearly designate the lanes which was a key requirement of the LAP funding.

WGI responsibilities included all aspects of the roadway and drainage design, surveying, permitting, street lighting, signage and striping, landscaping and irrigation, as well as the coordination of the LAP documentation which included the preparation of a Cultural Resource Assessment Study and an Environmental Resource Assessment report in conformance with the Federal Highway Administration, Federal Transit Authority, and the FDOT Agency Operating Agreement.

Construction cost: \$1.8M



**Key Staff:**

Alan Boaz

Erik Brueningsen, PE

Stephen Cherry, PE

Brett Fuller, PE

Radek Grabowski

Greg Griffith

Raj Krishnasamy, PE (Tierra SF)

Jimmy Richie, PE

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

a.	(1) FIRM NAME <b>Wantman Group, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>West Palm Beach, Florida</b>	(3) ROLE <b>Prime Consulting Planner and Engineer</b>
b.	(1) FIRM NAME <b>Tierra South Florida</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>West Palm Beach, Florida</b>	(3) ROLE <b>Geotechnical Engineer</b>
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <b>5</b>
21. TITLE AND LOCATION <i>(City and State)</i> <b>Westgate Avenue Corridor Streetscape Plan, West Palm Beach, Florida</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER <b>Westgate Belvedere Homes CRA</b>	b. POINT OF CONTACT NAME <b>Elizee Michel</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>561-640-8181</b>

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

The Westgate CRA was awarded a \$25,000 grant by the Department of Economic Opportunity to study the streetscape design of one mile of Westgate Avenue corridor. WGI completed the study including an evaluation of the existing conditions based upon the CRA's vision for the corridor, and input from local stakeholders and government staff. The goal of the study was to promote improved walkability, multimodal transportation, and beautification of the corridor with the intent to attract new investment and foster economic vitality. The WGI team worked closely with the CRA staff and Palm Beach County officials to complete the study. Services included creation of an existing conditions report and creation of a GIS map/dataset and a series of GIS maps. An assessment evaluating the regulatory framework governing the redevelopment of land within the study area was conducted and a final report delineating design and development recommendations for two proposed streetscape plans was prepared. WGI planning staff conducted a two-part design charrette to gather public input prior to delivering the final report.

Design Cost: \$25K



Key Staff:

**Jennifer Hofmeister, AICP, LCAM, CS, Project Manager**

Jeff Brophy, PLA

Laura Collazos

Jimmy Richie, PE

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
a.	(1) FIRM NAME <b>Wantman Group, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>West Palm Beach, Florida</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>
		(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S 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)*

**Central Seacrest Corridor Utility Improvement  
Boynton Beach, Florida**

22. YEAR COMPLETED

PROFESSIONAL SERVICES

**2018**

CONSTRUCTION *(If applicable)*

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

**Boynton Beach Utilities**

b. POINT OF CONTACT NAME

**Joseph Paterniti, PE**

c. POINT OF CONTACT TELEPHONE NUMBER

**305.470.5452**

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

The design of the Central Seacrest Corridor Utility Improvements project was completed in 2005 with design revisions subsequently made in 2009. In 2013, the project was again amended and divided the project into two phases. Phase 1 included the northern portion of the project area extending from SW 6th Avenue to Boynton Beach Boulevard and construction has been completed. Phase 2 service area is bordered on the north by the north right-of-way line of SW 5 Avenue/ SW 6 Avenue, on the east by the FEC Railroad/SE 1st Street, on the south by Woolbright Road, and on the west by SW 4th Street/ SW 3rd Street/Interstate 95. The streetscape improvements include watermain replacement, wastewater forcemain, stormwater system upgrades including new exfiltration trench, pavement overlay, tree relocations, and miscellaneous upgrades to driveway aprons and sidewalks.

The City of Boynton Beach leadership made public involvement an integral part of the Central Seacrest Corridor Utility Improvements. Additionally, the project schedule was tailored to fit the seasonal needs of the public, particularly schools, and work zones strategically planned to maximize production. The public involvement strategies for this project addressed how adjustments and accommodations will be made to involve the public at each stage of the decision making process, from design through construction. The Public Involvement Plan ensures that ongoing public participation throughout the design and construction of the Central Seacrest Corridor Utility Improvements.

Construction Cost: \$10M

Key Staff:

**Jimmy Richie, PE, Project Manager**

Erik Brueningsen, PE

Stephen Cherry, PE

Laura Collazos

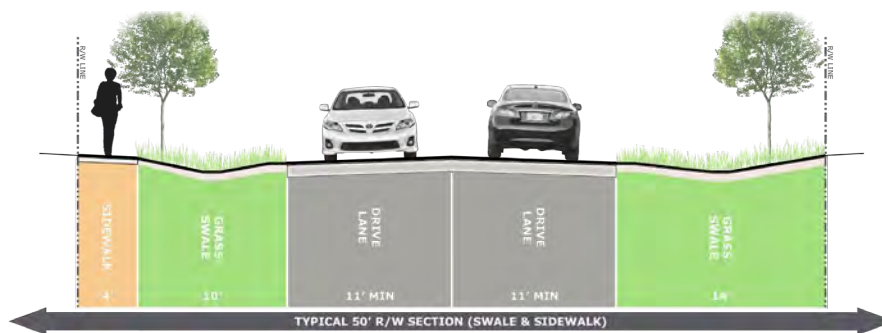
Greg Griffith

Jennifer Hofmeister, AICP, LCAM, CS

Bryan Jackman

Raj Krishnasamy, PE (Tierra SF)

Jason Mihalovits, PLA, LEED AP



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

a.	(1) FIRM NAME <b>Wantman Group, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>West Palm Beach, Florida</b>	(3) ROLE <b>Prime Consulting Planner and Engineer</b>
b.	(1) FIRM NAME <b>Tierra South Florida</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>West Palm Beach, Florida</b>	(3) ROLE <b>Geotechnical Engineer</b>
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S 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 *(City and State)*

**Wilton Drive Streetscape Design  
Wilton Manors, Florida**

22. YEAR COMPLETED

PROFESSIONAL SERVICES

**2007**

CONSTRUCTION *(If applicable)*

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

**Wilton Manors, Florida**

b. POINT OF CONTACT NAME

**Patrice Kent**

c. POINT OF CONTACT TELEPHONE NUMBER

**954-390-2130**

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

WGI worked with the city of Wilton Manors, the Wilton Manors Chamber of Commerce, the Parks and Recreation Department and the Wilton Manor Main Street Group in the development of a streetscape design for Wilton Drive.

The goals for this design went beyond providing only visual enhancements. The final design created a unique sense of place, which will encourage greater pedestrian activity and economic development throughout Wilton Drive, making it the focal point of the community.

Design Cost: \$60K



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

a.	(1) FIRM NAME <b>Wantman Group, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>West Palm Beach, Florida</b>	(3) ROLE <b>Prime Consulting Planner and Engineer</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER  <b>8</b>
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21. TITLE AND LOCATION (City and State) SR-5/US-1:Biscayne Boulevard from NE 5th Street to NE 123rd Street Miami-Dade County, Florida	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2004 – 2008	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Florida Department of Transportation	b. POINT OF CONTACT Ivan Hay, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (305) 650-0016

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

Project Description: The area adjacent to these Projects was a highly urbanized corridor that impacted numerous residents, businesses, and communities. Some of the improvements made throughout the corridor of this project included water drainage renovations (deep well and French drains), subgrade, limerock, structural asphalt, milling and resurfacing adjacent streets, curb and gutters, and a friction course. Sidewalks were added along both sides of the entire length of the project to accommodate pedestrians and cyclists. This major roadway reconstruction project posed several challenges that are of major importance and relevance to this Project. The reconstruction of the roadway and 16" water-main required a complex & proactive coordination effort with the local business and residents to prevent not only delays to the commuters, but also loss of water service to the residents & business. This project included the complete reconstruction of 6 lanes divided roadway; completed reconstruction of 4 major signalized intersections; replacement of 6 lane, low level bridge, with utilities, using phased construction to maintain 4 lanes of traffic; and replacement of 16" water-main servicing private and public residences as well as fire protection.

Firm's Responsibility: New Millennium was selected by the DOT to provide Construction Engineering and Inspection services for the total reconstruction of five separate projects along an 11 mile corridor of Biscayne Boulevard located in Miami-Dade County. Our Firm was responsible for assuring that the contractor charged with performing the obligations outlined by our Client were met or exceeded. For example, we were the responsible party for scheduling meetings (i.e. pre-construction, utility, pre-paving, pre-signalization, pre-lighting, etc.), monitoring all the sampling/testing processes on the project, and issuing material certifications as required, as well as managing all MOT shifts. As a result of our services all five projects were completed ahead of schedule and below cost. NME was also responsible for the review and approval of Contractor's submittals such as shop drawings and product cut sheets, issuing project correspondence to the contractor, providing complete oversight of the contractor's daily activities, and overseeing compliance with the established project schedule. Responsible for assuring the contractor and subcontractors work effort in meeting all project goals. In fact, two of the projects were recognized by FTBA and presented with their "Best in Construction" Award for "Urban" and "Utility Coordination/Damage Prevention"

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME New Millennium Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 4868 SW 72nd Avenue, Miami, Florida 33155	(3) ROLE CEI
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER  <div>9</div>
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21. TITLE AND LOCATION (City and State) NW 63rd Street Bascule Bridge Replacement, Including roadway improvements on Indian Creek Drive from South of NW 63rd Street to just south of Abbot Avenue and NW 67th St and NW 63rd Street between Collins Avenue and Allison Road	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2006	CONSTRUCTION (If applicable) 2009

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Florida Department of Transportation, D6	b. POINT OF CONTACT Ivan Hay, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (305) 650-0016

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>  <p>This Project consisted of the reconstruction of a major bascule bridge over the Indian Creek in Miami Beach, which provides a major thoroughfare for traffic coming from the City of Miami mainland accessing the City of Surfside, Village of Bal Harbour, and Sunny Isles. The bridge was maintained operable during construction to prevent impact to commercial and pleasure crafts; close coordination with the US Coastguard was required. This major bridge replacement project included the replacement of 12" water mains installed using open cut and subaqueous horizontal directional bore methods. Utility work entailed coordinating the decommissioning of the existing and commissioning of the new service without interruption to the private, commercial, and governmental agencies it served. The Project involved supervision of installation of mechanical drive systems and electrical control systems: The mechanical system inspection consisted of but was not limited to installation of reducers, brakes couplers, trunnion bearings and mechanical drive system motors etc. The electrical System inspection consisted of replacement of relay system to PLC system. NME tackled the different challenges associated with the procurement of a gear driven system. NME also coordinated 24 hour MOT operations to expedite construction and avoid delays to local traffic and the many visitors to this region of Miami Beach.</p>
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25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME New Millennium Engineering, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 4868 SW 72nd Avenue, Miami, Florida 33155	(3) ROLE CEI
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER <b>10</b>		
21. TITLE AND LOCATION (City and State) <b>Pembroke Road from just west of Dykes Rd. to east of Silver Shores Blvd, Pembroke Pines, Florida</b>		22. YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES <b>2018</b></td> <td>CONSTRUCTION (If applicable) <b>On-Going</b></td> </tr> </table>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable) <b>On-Going</b>
PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable) <b>On-Going</b>			
<b>23. PROJECT OWNER'S INFORMATION</b>				
a. PROJECT OWNER <b>Broward County</b>	b. POINT OF CONTACT <b>Laila Kitchen</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(954) 993-7737</b>		

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

The scope of this project is the reconstruction/widening of approximately 6000 LF of Pembroke Road from just west of Dykes Rd. to east of Silver Shores Blvd. To achieve the objectives of the County's Complete Streets initiative, the project widens the typical section within this corridor and adds bike lanes, sidewalks, and walls to both sides of the roadway. This Project also requires drainage, signal, lighting, landscape & irrigation improvements.

Project is under construction and costs are not complete.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME <b>New Millennium Engineering, Inc.</b>	(2) FIRM LOCATION <i>(City and State)</i> <b>Miami, Florida</b>	(3) ROLE <b>CEI</b>
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

### 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
Jeffrey Brophy, PLA	Principal in Charge	X		X		X		X			
Angela Biagi, PLA, LEED BD+C	Project Manager	X	X	X							
Alan Boaz	Utility Coordination	X		X							
Erik Brueningsen, PE	Utility Coordination	X		X	X		X				
Cheryl Callender, PLA, SITES AP, ISA Certified Arborist	Landscape Architecture	X	X								
John Cerreta, PE	Roadway Design	X									
Stephen Cherry, PE	Water Resources/Infrastructure Design/Capacity Analysis				X		X				
Laura Collazos, ASLA	Landscape Architecture	X				X	X				
Brett Fuller, PE	Roadway Design	X		X	X						
Radoslaw "Radek" Grabowski	Subsurface Utility Engineering	X			X						
Greg Griffith	Environmental Permitting				X		X				
Jennifer Hofmeister, AICP, CS	Stakeholder Engagement	X				X	X				
Bryan Jackman	Irrigation						X				
Jason Mihalovits, PLA, LEED AP	QA/QC	X	X				X				
James "Jimmy" Richie, PE	Water Resources/Infrastructure Design/Capacity Analysis			X	X	X	X				
Jerome "Jerry" Saval, PE, CFM	Water Resources/Infrastructure Design/Capacity Analysis	X									
Leah deRiel, PE	CEI Senior Project Engineer								X	X	X
Yadollah Ghobadi	CEI Senior Inspector								X	X	X
Raj Krishnasamy, PE	Geotechnical Engineering				X		X				

### 29. EXAMPLE PROJECTS KEY

NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)	NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)
1	Banyan Boulevard From Tamarind Avenue to Olive Avenue, West Palm Beach, Florida	6	Central Seacrest Corridor Utility Improvement Boynton Beach, Florida
2	Alternate A1A Beautification Palm Beach Gardens, Florida	7	Wilton Drive Streetscape Design Wilton Manors, Florida
3	Kravis Center for the Performing Arts West Palm Beach, Florida	8	SR-5/US-1:Biscayne Boulevard from NE 5th Street to NE 123rd Street, Dade City, Florida
4	NE 2 <sup>ND</sup> Avenue Roadway Restoration and Beautification, Delray Beach, Florida	9	NW 63rd Street Bascule Bridge Replacement Miami Beach, Florida
5	Westgate Avenue Corridor Streetscape Plan, West Palm Beach, Florida	10	Pembroke Road west of Dykes Rd. to east of Silver Shores Blvd, Pembroke Pines, Florida

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## H. ADDITIONAL INFORMATION

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

### Statement of Qualifications

WGI began providing engineering services in 1972, building an excellent reputation that continues to result in repeat business. Now a multidisciplinary consultancy, WGI provides a comprehensive range of engineering services, allowing us to meet a client's every need, even when unexpected challenges occur.

From project inception, WGI works to fully understand our client's goals. We then develop innovative solutions and identify potential cost savings. To create the most economical plan, our team works closely with all stakeholders to avoid surprises throughout the process. Using our extensive experience, and by paying attention to the smallest details, we develop comprehensive plans that meet the needs of our clients and our communities.

Because WGI is involved in every phase of a project, we are able to seamlessly coordinate and expedite every step along the way.

WGI builds on the strength of its professionals' outstanding skills and their passion for innovation and incomparable client service. Whether in the field or the office, WGI associates share a common dedication to the work product they deliver. Growing professionally and finding satisfaction in our work produces higher quality products for our clients. WGI has instilled that belief into a shared mission applied to everything we do: "To be the leader in solving clients' challenges by delivering creative and sustainable solutions, while maintaining high standards and assuring a diverse and exciting work environment."

Our mission and core values provide a foundation for the way we approach our business. Our vision is long-term and our expectation is always to perform conscientiously with quality, integrity and professionalism at the forefront.

WGI serves a multitude of private clients, public agencies, and municipalities, and remains dedicated to the development and economic prosperity of the local communities in which we live and work. We focus intently on delivering on our professional commitments, but also encourage our associates to "give back" by supporting a variety of non-profits and professional organizations through their leadership, volunteerism, and sponsorship. Our people are our greatest asset. It is through an appropriate "work/life balance" that we retain long-term associates that are committed to WGI, its clients, and its future. WGI continues to uphold its four-decade tradition of outstanding service. A short synopsis of the services we provide are described herein.

### Municipal Engineering Services

Public officials are entrusted with providing improvements that meet the needs of their communities, and are also functional, aesthetically pleasing and cost-effective. In response to these complex needs, WGI has developed a division solely devoted to cities, counties and other local governments.

Working to understand our clients' goals, WGI develops solutions that consider all of the issues affecting a project's success. We work closely with our clients to reach consensus and resolution regarding critical decisions that would otherwise impede progress. WGI actively encourages community input to ensure that the end users' interests are considered and protected.

From project commencement to project completion, WGI provides innovative solutions to our municipal clients, while meeting the needs of the community.

### Urban Design

At WGI, we offer a true one-stop shop for all design consulting requirements under a single roof. From initial concepts through entitlements and construction, our diverse and talented staff shepherds projects through the design and approval process. Whether a single service is needed or many, we have the resources and expertise to handle the most difficult projects with one thing in mind: realizing our clients' vision and seeing it through in the most efficient and expeditious manner possible.

Our comprehensive land design services are provided to a wide variety of clients, including land developers, commercial/retail developers, country club communities, private homeowners, the Florida Department of Transportation, and a multitude of municipalities. From resort pools to roadway landscape, site plans to plats, WGI offers all possible design consulting needs in one location.

### Landscape Architecture

Our goal is to create a unique sense of place that combines nature, culture, and architecture with the careful stewardship, wise planning, and artful design of our natural environment. From initial concept through design development and construction, our diverse and talented landscape architects work diligently to navigate projects through the design and approval process. Our landscape architecture associates serve a wide variety of clients. WGI offers solutions to all possible landscape architecture needs from resort pools to roadway landscape, single-family homes to community entrances.

## Planning

To bring our clients' vision to life, WGI's planners create clear and responsible development strategies through policy and design. Planning is a balancing act between the physical, cultural, historical, and economic impacts to a community. WGI's planners have the expertise and creativity necessary to manage these often-divergent interests and creating comprehensive solutions for both public and private clients. With a multidisciplinary approach, we can assist at all project levels from visioning, research, and analysis to design, project management, and implementation.

## Transportation Engineering

WGI offers transportation services that result in safe and cost-effective roadways that meet a variety of mobility needs. WGI provides infrastructure design services for local streets, interstates, complex interchanges, and toll facilities in accordance with local, state, and federal guidelines. We offer significant experience in conventional design-bid-build, design-build, design-build-finance, and public-private partnership delivery methods.

Our approach to transportation services is derived from an understanding of our clients and their particular needs, as well as the experience and expertise to make projects successful. WGI associates work diligently with our clients to build strong relationships...relationships that deliver success.

With the latest technology at their fingertips, coupled with superior innovative thinking, our associates are known for providing economical and low-maintenance solutions to the most difficult transportation infrastructure challenges. WGI provides our clients receive the best options to meet their transportation and mobility goals.

## Structural Engineering Solutions

Structural design is more than its basic components; it must take into account aesthetics, long-term maintenance and repair, safety, and how the structures "fit" within the surrounding environment. WGI is experienced in all aspects of structural engineering design from complex interstate highway bridge structures to minor structural designs for governmental, institutional, and private clients.

One of our specialties is highway interchanges with multiple bridges and flyovers requiring a "big picture" approach to traffic control, geometrical layouts, drainage and utility impacts, and overall constructability considerations.

In addition to transportation-related designs, our division also provides structural designs for retaining walls, drainage control structures, wastewater and stormwater

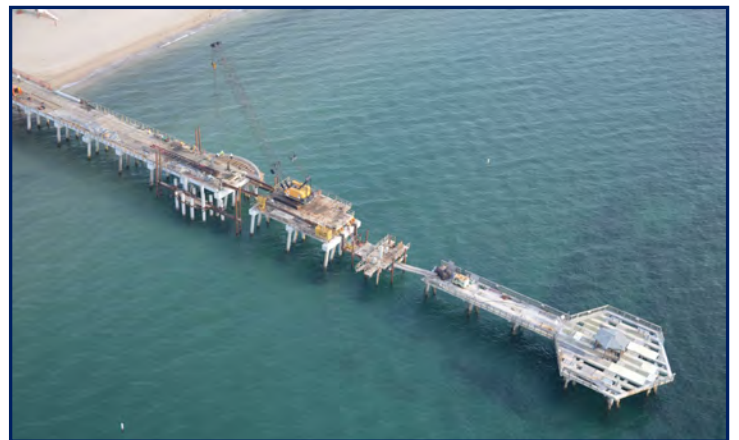
pump stations, seawalls, piers, cell towers, traffic signals, and sign structures. We take pride in our ability to provide structural design from concept to completion for unique, one-of-a-kind, and specialty structures throughout Florida for architects and other design professionals.

## Hydraulic and Water Resources Engineering Services

WGI's understanding of the natural systems affecting Florida's ground and surface water is second to none. WGI provides world-class engineering solutions that deliver, conserve, and manage cost-efficient and sustainable water resources.

Our team addresses complex stormwater quantity and quality, water supply and storage, sedimentation, drainage, and flood control issues around the state. With Certified Floodplain Managers on staff, WGI provides quality floodplain services ranging from flood studies to mapping to obtaining map revisions. We are well-versed in the latest models and design techniques to ensure cost-effective design solutions for our clients.

WGI staff, with proven expertise in environmental regulatory processes and a sound understanding of the natural systems influencing ground and surface water, deliver quality projects within scheduling, budgetary, and regulatory and permitting constraints.



## Land Development Engineering Services

Established in 1972 to primarily serve a private client base, WGI has perfected the art of site development. From vacant land to fully constructed projects, WGI's land development engineers work to provide developers, land owners, and financial institutions with tried-and-true, comprehensive development services for residential, commercial, and industrial projects. Whether providing due diligence research, supporting entitlement efforts, creating innovative designs, or expediting the permitting process, WGI has the requisite knowledge, expertise, and relationships to make your development



goals a reality. With an experienced staff of professional engineers, engineer interns, and CAD technicians, WGI is capable of completing the most challenging projects on time and within budgetary guidelines.

## Geospatial

Successful design and construction projects of all types begin with an accurate survey. By using the latest techniques and preparing our associates with the best training, WGI delivers accurate data from the start. The introduction of CADD and electronic distance meters in the early 1970s sparked a technological revolution that forever altered the face of surveying. Although the principles remained the same, the techniques became more complex, and high-tech electronics prevailed.

As the industry evolved, WGI embraced the new technology. Today, we lead the way with new technology, tailoring our services to make every project successful and cost-effective. We take real-time Global Positioning Systems (GPS) a step further, employing static and rapid-static post-processing for the most accurate solutions.

Whether performing a simple boundary survey or using the latest in Light Detection and Ranging (LiDAR) technology, using cutting-edge approaches minimize human error. By leveraging the latest technology, WGI helps our clients achieve their goals quickly and with the

greatest degree of accuracy possible. WGI has expanded our services to include virtually every geospatial technology for countless applications.

## LiDAR

LiDAR allows WGI to collect millions of real-time 3D data points to complete an accurate, high-quality model of the physical environment. Depending on the situation, we may use aerial, mobile, or terrestrial LiDAR to determine the precise geospatial location of objects and their features, in order to create point clouds and then surveys for various uses.

We rely on aerial LiDAR to map vast areas of the earth from GPS-monitored aircraft. Mobile LiDAR provides street-view imagery by collecting data at highway speeds, and terrestrial LiDAR is used for gathering even higher resolutions. WGI also processes the resulting data and delivers solutions in the required digital formats.

## Photogrammetry

Surveying aviation areas presents a logistical challenge, requiring we safely gather highly accurate information to support airport operations in the shortest possible time. Airports can't be shut down nor can air traffic be diverted simply to perform a survey, so WGI typically utilizes mobile LiDAR and aerial data acquisition to quickly and accurately gather information to meet relevant FAA guidelines.

Mobile LiDAR eliminates traditional survey safety issues, collecting critical airfield measurements in a single pass at highway speeds — the ideal tool for acquiring large amounts of data within the limited access windows associated with operating airports. We rely on it, and other geospatial technologies, to perform runway mapping, pavement and runway deformation assessment, and surveying for airport master plans.

## Hydrographic Surveying

Projects often require detailed measuring and mapping of underwater features, a geospatial service that WGI has wholeheartedly embraced. Our manned and unmanned vessels feature the latest hydrographic surveying equipment to rapidly and accurately provide underwater environment details that may affect navigation or construction.

Most WGI staff holds NSPS-THSOA hydrographer certification. They utilize multi-beam sonar, single- and dual-frequency echo sounders, and side-scan sonar to create images of the sea floor, coastline, and physical features such as obstructions, cables, and pilings. With the constantly shifting environment below the water's surface, it is essential that this information is accurate and up to date.



## Subsurface Utility Engineering

A project's success requires a vital understanding of how existing utilities affect its schedule and budget. WGI's close relationships with many utility agencies produce accurate record data that ultimately keeps projects moving forward. Because record drawings are sometimes unreliable, a project designed without precise utility locations could be substantially delayed. With WGI's full range of Subsurface Utility Engineering (SUE) services, delays and unexpected additional costs are avoided.

Effective utility locating and coordination requires innovation, experience, and a team approach. WGI owns and operates cutting-edge, air/vacuum excavation and ground-penetrating radar systems. We perform "soft digs" around existing utilities to confirm both horizontal and vertical location. SUE services encompass a wide range of activities to help facilitate the progress of a project. Armed with this information, we design projects that minimize utility relocations, ensure safe work sites, and prevent damage to utilities while controlling costs and schedule.

Saving time and money is important. By using our specialized SUE services, WGI can proceed safely, efficiently, and with the least amount of disruption on every project.

## Architecture

WGI Architectural services is inspired by quality design that is timeless, efficient, and responsive to the surrounding context. We believe architecture promotes building forms and spaces reflecting the facility's functions, where every design element serves a purpose. This approach focuses on doing more with less, without unnecessary, decorative embellishments masking the absence of true design while expanding project budgets. Our inventive design solutions are expressed through practical construction detailing, and incorporate long-life, high-performing, and low-maintenance materials and systems. Added value is designed into every project using Building Information Modeling (BIM) technologies, and the innovative application of common sense sustainable design principles.

WGI Architectural Services leads with invaluable experience, capabilities, and intangibles. Our professionals possess the innate abilities to interpret our clients' objectives, apply creative problem-solving, and resolve each challenge with its own custom solution. Appreciation and investment in our clients' goals inspires our service-oriented approach. WGI designs practical projects with creative results.

## Parking Solutions

**Parking Planning and Studies** - Parking is about providing an efficient link in the transportation system. Regardless of the destination, you want to arrive safely without inconvenience, interruptions, or lost time. Our planners specialize in solving problems and providing successful solutions for real-world applications. We provide comprehensive downtown, campus, and transportation planning services, along with organizational assessments and policy development assistance for a wide range of sectors. Our team can help make the most of your parking investment with enhanced customer service, proper technology applications, maximized revenue and implementing practical, common sense policies that are feasible.

Parking Solutions specializes in the creative planning and design of sustainable parking structures, supported by the rapidly changing automation technology transforming its marketplace. The firm's diverse portfolio of innovative work includes parking solutions at international airports, universities, municipalities, hospitals, sporting arenas, shopping and urban plazas, mixed-use developments, and cultural centers.



**Parking Engineering and Design** - Our team skillfully blends parking and engineering concepts with innovative solutions designed to streamline and simplify a world in motion. As parking consultants, one of our strengths is in planning and designing parking structures for virtually every use. In each case, we intelligently balance aesthetics, functionality, durability, and cost for maximum benefit to the owner, the user, and the



environment. This is an essential skill set for designing integrated structures, the future for parking.

WGI is proficient in the design and detailing of all types of structural systems, including reinforced concrete, post-tensioned concrete, precast prestressed concrete, structural steel, and masonry. Services include sustainable design, functional design, parking structure site feasibility, lighting, and graphics/signage.

**Parking Restoration** - We provide restoration engineering for existing parking structures and buildings. Our group of restoration specialists are knowledgeable and experienced in the evaluation and repair of a variety of structures, including building façades/enclosures, supported plaza systems, tunnels, bridges, stadiums, and many more. Our team helps clients understand the condition of their facilities, assess repair and maintenance options, and design and facilitate the restoration program. We also build asset management plans specific to the needs of our partners.

### Environmental Services

Many environmental issues often impact projects. Wetlands, protected habitat, threatened and endangered species, water quality, historical and archaeological resources, and contamination all influence the process. WGI is experienced at identifying these impacts and with developing creative design options to avoid or minimize delays. Once issues are identified, WGI works with local, state, and federal authorities to ensure the project continues to advance through the permitting process.

Environmental regulatory processes continue to increase in their complexity. Clients require knowledgeable professionals who understand environmental regulations and policies, and their impact on permitting success. WGI's environmental scientists stay abreast of all regulatory changes and provide our

clients with insight and creative solutions utilizing crucial regional knowledge developed through years of "on the ground" experience. Regulations are designed to protect local and national environmental treasures. WGI assists in this process by developing solutions that minimize or avoid impacts.

### Creative Services

You never get a second chance to make a first impression. It's an old saying that still holds true. Understanding the importance of first impressions, WGI has always made sure that our proposals go above and beyond.

With the introduction of WGI Creative Services, WGI has unleashed our creative associates and given them the chance to share their considerable talents. They have responded in every imaginable medium by creating beautiful brochures, engaging public information boards, provocative advertising, memorable logos, and effective websites for a wide variety of clients.

WGI Creative Services does everything a traditional ad agency does, but with a difference. We're untraditional-meaning we approach marketing with the eye of an engineer, the heart of an artist, and the boundless enthusiasm of a little kid. No wonder everything we produce is just plain cool.



#### I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

33. NAME AND TITLE

Jeffrey Brophy, PLA, Vice President

32. DATE

12/18/2018

# ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

**12226-996**

## PART II – GENERAL QUALIFICATIONS

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


2a. FIRM (OR BRANCH OFFICE) NAME <b>Wantman Group, Inc.</b>			3. YEAR ESTABLISHED <b>1991</b>	4. DUNS NUMBER <b>938414349</b>
2b. STREET <b>3230 W. Commercial Boulevard, Suite 300</b>			5. OWNERSHIP	
2c. CITY <b>Fort Lauderdale</b>	2d. STATE <b>FL</b>	2e. ZIP CODE <b>33309</b>	a. TYPE <b>Corporation</b>	
6a. POINT OF CONTACT NAME AND TITLE <b>Coriann Salas, PE/Office Manager</b>			b. SMALL BUSINESS STATUS <b>N/A</b>	
6a. TELEPHONE NUMBER <b>954.660.1660</b>			7. NAME OF FIRM (If block 2a is a branch office) <b>Wantman Group, Inc.</b>	
6c. E-MAIL ADDRESS <b>coriann.salas@WGInc.com</b>				

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			
2	Administrative	77	1	B02	Bridges	7
6	Architect	6	0	C11	Community Facilities	5
7	Biologist	1	0	E09	Environmental Impact Studies, Assessments or Statements	4
8	CADD Tech	30	1	G01	Garages; Vehicle Maintenance Facilities; Parking Decks	6
12	Civil Engineer	15	0	H07	Highways; Streets; Airfield Paving; Parking Lots	8
24	Environmental Scientist	6	0	L02	Land Surveying	8
30	Geologist	2	0	L03	Landscape Architecture	6
38	Land Surveyor	114	1	P06	Planning (Site, Installation, and Project)	6
39	Landscape Architect	15	1	R06	Rehabilitation (Buildings; Structures; Facilities)	6
46	Photogrammetrist	1	0	R11	Rivers; Canals; Waterways; Flood Control	5
47	Planner: Urban/Regional	13	0	S03	Seismic Designs & Studies	6
57	Structural Engineer	40	3	S04	Sewage Collection, Treatment and Disposal	5
60	Transportation Engineer	41	1	S09	Structural Design; Special Structures	6
	Engineer Intern	45	1	S10	Surveying; Platting; Mapping; Flood Plain Studies	7
	Parking Planner	6	0	T03	Traffic & Transportation Engineering	6
	Other Employees	12	0	T04	Topographic Surveying & Mapping	7
				U02	Urban Renewals; Community Development	1
	<b>TOTAL</b>	<b>424</b>	<b>9</b>	<b>Z01</b>	<b>Zoning, Land Use Studies</b>	<b>2</b>

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	4	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	9	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	10	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		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>12/12/201</b>
c. NAME AND TITLE <b>David Wantman, PE / President</b>	

AUTHORIZED FOR LOCAL REPRODUCTION

STANDARD FROM 330

CAM #19-0220

Exhibit 7

48 of 89

# ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

**12226-996**

## PART II – GENERAL QUALIFICATIONS

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


2a. FIRM (OR BRANCH OFFICE) NAME <b>Wantman Group, Inc.</b>			3. YEAR ESTABLISHED <b>1991</b>	4. DUNS NUMBER <b>938414349</b>
2b. STREET <b>2035 Vista Parkway</b>			5. OWNERSHIP	
2c. CITY <b>West Palm Beach</b>	2d. STATE <b>FL</b>	2e. ZIP CODE <b>33411</b>	a. TYPE <b>Corporation</b>	
6a. POINT OF CONTACT NAME AND TITLE <b>Brian LaMotte, PE/Vice President</b>			b. SMALL BUSINESS STATUS <b>N/A</b>	
6a. TELEPHONE NUMBER <b>561.687.2220</b>		6c. E-MAIL ADDRESS <b>brian.lamotte@WGInc.com</b>		7. NAME OF FIRM (If block 2a is a branch office)

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			
2	Administrative	77	49	B02	Bridges	7
6	Architect	6	0	C16	Construction Survey	6
7	Biologist	1	1	C18	Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting	5
8	CADD Tech	30	11	D04	Design-Build – Preparation of RFP's	5
12	Civil Engineer	15	13	G01	Garages; Vehicle Maintenance Facilities; Parking Decks	6
24	Environmental Scientist	6	5	H07	Highways; Streets; Airfield Paving; Parking Lots	8
30	Geologist	2	2	I06	Irrigation; Drainage	4
38	Land Surveyor	114	73	L02	Land Surveying	8
39	Landscape Architect	15	12	L03	Landscape Architecture	6
46	Photogrammetrist	1	0	P06	Planning (Site, Installation, and Project)	6
47	Planner: Urban/Regional	13	12	R06	Rehabilitation (Buildings; Structures; Facilities)	6
57	Structural Engineer	40	5	S03	Seismic Designs & Studies	6
60	Transportation Engineer	41	12	S09	Structural Design; Special Structures	6
	Engineer Intern	45	15	S10	Surveying; Platting; Mapping; Flood Plain Studies	7
	Parking Planner	6	0			
	Other Employees	12	5			
	<b>TOTAL</b>	<b>424</b>	<b>215</b>			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	4	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	9	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	10	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		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>12/12/2018</b>
c. NAME AND TITLE <b>David Wantman, PE / President</b>	

AUTHORIZED FOR LOCAL REPRODUCTION

STANDARD FROM 330


1. SOLICITATION NUMBER (if any)  
12226-996

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

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 ( <i>see below</i> )
		(1) FIRM	(2) BRANCH			
	Administrators	12	3		Construction Engineering & Inspection	8
	Civil Engineers	18	3			
	Construction Inspectors	43	4			
	Electrical Inspectors	1	2			
	Structural Engineers	2	1			
	Other Employees					
	<b>Total</b>	76				

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i>		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	8	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work		2. \$100,00 to less than \$250,000	7. \$5 million to less than \$10 million
		3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
c. Total Work	8	5. \$1 million to less than \$2 million	10. \$50 million or greater

The foregoing is a statement of facts.

a. SIGNATURE	b. DATE
	12/7/18
c. NAME AND TITLE	
Geoffrey Parker, P.E., Principal	



**1. SOLICITATION NUMBER (If any)**

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

**12. AUTHORIZED REPRESENTATIVE**  
The foregoing is a statement of facts.

**CAM #19-0220**  
**Exhibit 7**  
**51 of 89**

**ARCHITECT – ENGINEER QUALIFICATIONS**

1. SOLICITATION NUMBER (If any)

**PART II – GENERAL QUALIFICATIONS**

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


2a. FIRM (OR BRANCH OFFICE) NAME <b>Smith Engineering Consultants, Inc.</b>			3. YEAR ESTABLISHED 1999	4. DUNS NUMBER 079572215
2b. STREET 2161 Palm Beach Lakes Blvd., Suite 312			5. OWNERSHIP	
2c. CITY West Palm Beach			a. TYPE Corporation	
2d. STATE FL			b. SMALL BUSINESS STATUS City of WPB, Palm Beach County, SFWMD	
33409			7. NAME OF FIRM (If block 2a is a branch office)	
6a. POINT OF CONTACT NAME AND TITLE Larry M. Smith, P.E., President				
6b. TELEPHONE NUMBER (561) 616-3911		6c. E-MAIL ADDRESS larry@smithengineeringconsultants.com		
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 (1) FIRM (2) BRANCH		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
02	Administrative	1		A05	Airports; Nav aids; Airport Lighting	1
08	CADD Technician	3		C18	Cost Estimating	1
21	Electrical Engineer	4		D03	Desalinization	1
42	Mechanical Engineer	1		E03	Electrical Studies and Design	1
15	Construction Inspector	1		H04	Heating; Ventilating; Air Conditioning	1
				L06	Lighting (Exteriors; Streets; Memorials;	1
				P07	Plumbing & Piping Design	1
				P12	Power Generation, Transmission, Dist.	1
				S13	Storm Water Handling & Facilities	1
				A12	Automation; Controls; Instrumentation	1
				C04	Chemical Processing & Storage	1
				B02	Bridges	1
				C08	Codes; Standards; Ordinances	1
				C17	Corrosion Control; Cathodic Protection;	1
				D04	Design-Build – Preparation of Requests for	1
				F03	Fire Protection	1
				F05	Forensic Engineering	1
				S04	Sewage Collection, Treatment and Disposal	1
				S07	Solid Wastes; Incineration; Landfill	1
				H07	Highways; Streets; Airfield Paving; Parking	1
	Other Employees	0		W03	Water Supply; Treatment and Distribution	1
	<b>Total</b>	10		R04	Recreation Facilities (Parks, Marinas, Etc.)	1

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES 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
b. Non-Federal Work	5	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	5	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		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 12-4-18
c. NAME AND TITLE Larry M. Smith, P.E./President	



# CERTIFICATE OF CORPORATION

Wantman Group, Inc.

## *State of Florida Department of State*

I certify from the records of this office that WANTMAN GROUP, 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, 2018, that its most recent annual report/uniform business report was filed on January 4, 2018, 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 Twenty-seventh day of March,  
2018*



*Ken Diefen*  
**Secretary of State**

Tracking Number: CU4206995817

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

# CERTIFICATE OF CORPORATION

New Millenium Engineering, Inc.

## *State of Florida Department of State*

I certify from the records of this office that NEW MILLENNIUM ENGINEERING, INC. is a corporation organized under the laws of the State of Florida, filed on April 27, 2006.

The document number of this corporation is P06000060303.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on February 2, 2018, 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 Second day of February, 2018*



*Ken Detjen*  
**Secretary of State**

Tracking Number: CC3743128126

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<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

# CERTIFICATE OF CORPORATION

Tierra South Florida, Inc.

## *State of Florida Department of State*

I certify from the records of this office that TIERRA SOUTH FLORIDA, INC. is a corporation organized under the laws of the State of Florida, filed on October 7, 2003, effective October 17, 2003.

The document number of this corporation is P03000110144.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on January 2, 2018, 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 Second day of January, 2018*



*Ken Datzner*  
**Secretary of State**

Tracking Number: CC2804829417

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# CERTIFICATE OF CORPORATION

Smith Engineering Consultants, Inc.

## *State of Florida Department of State*

I certify from the records of this office that SMITH ENGINEERING CONSULTANTS, INC. is a corporation organized under the laws of the State of Florida, filed on June 3, 1999, effective June 1, 1999.

The document number of this corporation is P99000049883.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on January 10, 2018, 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 Tenth day of January, 2018*



*Ken Detjen*  
**Secretary of State**

Tracking Number: CC1343143750

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# CORPORATE STATE PROFESSIONAL LICENSES

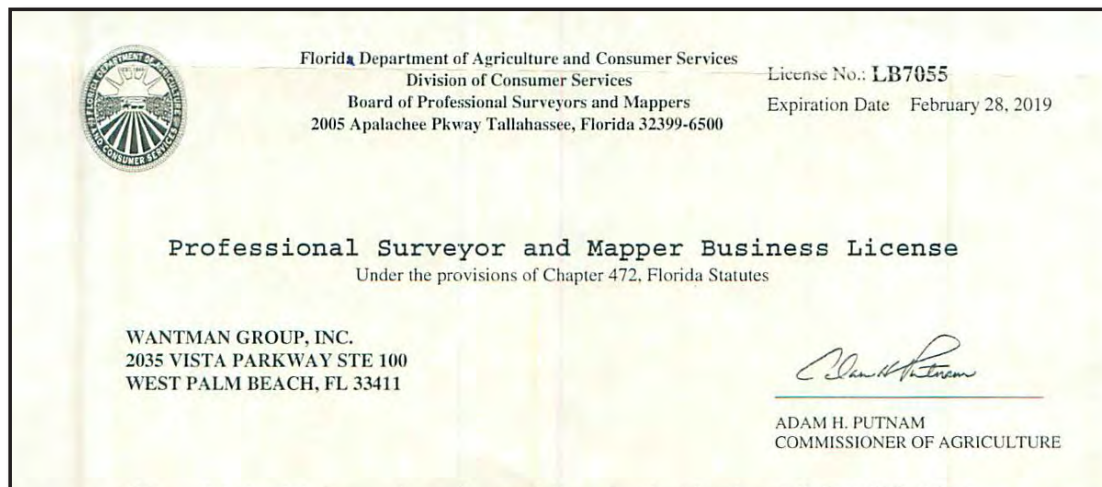
Wantman Group, Inc.

<h1>State of Florida</h1> <h2>Board of Professional Engineers</h2> <p>Attests that <b>Wantman Group, Inc.</b></p>		
<p>Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.</p>		
Expiration: 2/28/2019	CA Lic. No: 6091	
Audit No: 228201901977 R		

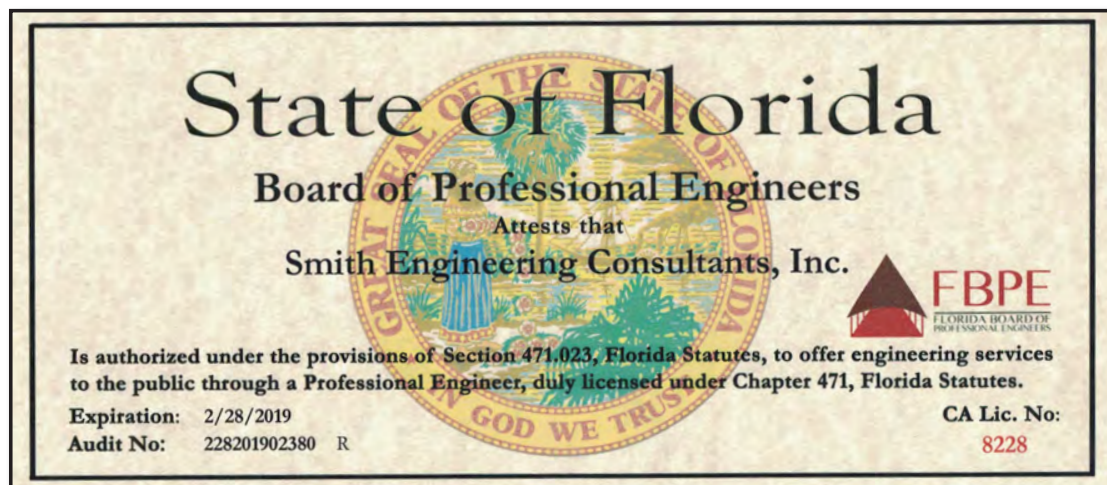
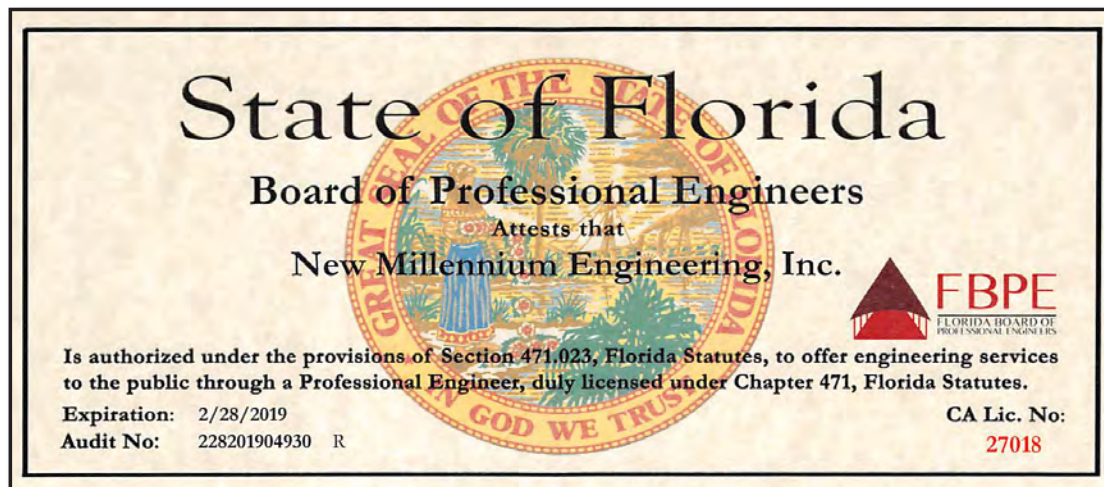
RICK SCOTT, GOVERNOR	JONATHAN ZACHEM, SECRETARY
<p>STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION BOARD OF LANDSCAPE ARCHITECTURE</p>	
<p><b>LICENSE NUMBER</b> LC26000521</p>	
<p>The LANDSCAPE ARCHITECT BUSINESS Named below HAS REGISTERED Under the provisions of Chapter 481 FS. Expiration date: NOV 30, 2019</p>	
<p>WANTMAN GROUP, INC. 2035 VISTA PARKWAY WEST PALM BEACH FL 33411</p>	
 	
ISSUED: 09/25/2017	SEQ # L1709250001115

RICK SCOTT, GOVERNOR	MATILDE MILLER, INTERIM SECRETARY
<p>STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION BOARD OF ARCHITECTURE &amp; INTERIOR DESIGN</p>	
<p><b>LICENSE NUMBER</b> AA26003274</p>	
<p>The ARCHITECT BUSINESS Named below IS CERTIFIED Under the provisions of Chapter 481 FS. Expiration date: FEB 28, 2019</p>	
<p>WANTMAN GROUP, INC. WGI 2035 VISTA PARKWAY SUITE 100 WEST PALM BEACH FL 33411</p>	
 	
ISSUED: 01/19/2017	SEQ # L1701190000832

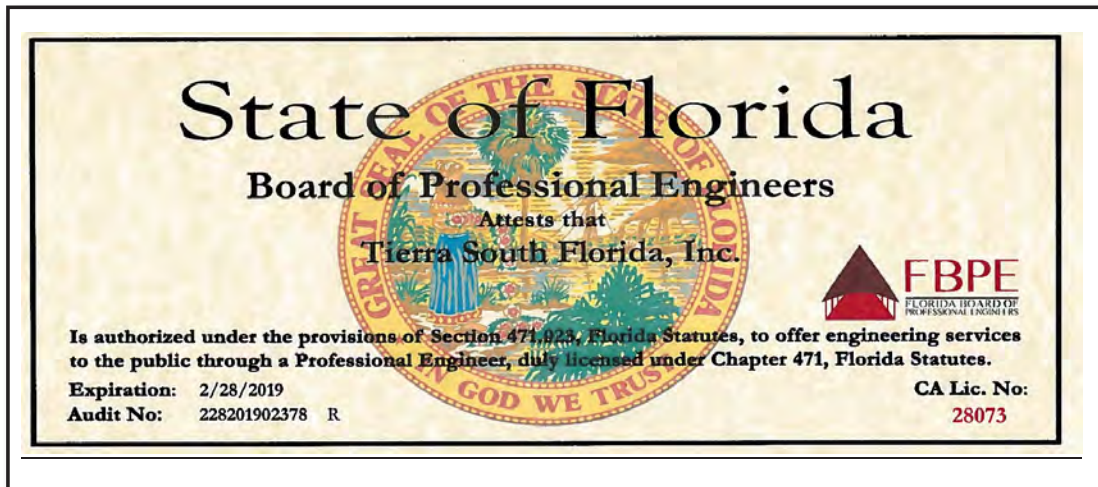




## CORPORATE STATE PROFESSIONAL LICENSES SUBCONSULTANTS

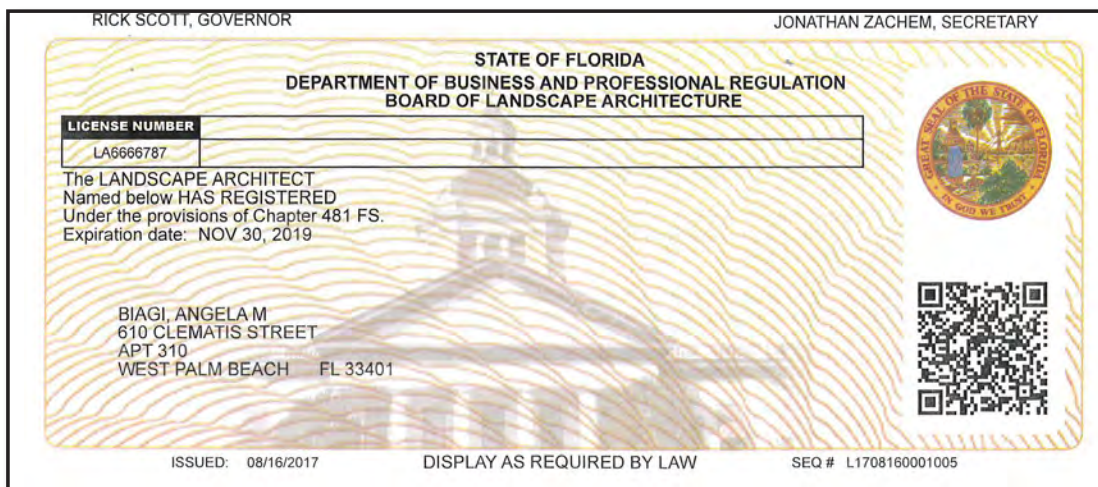
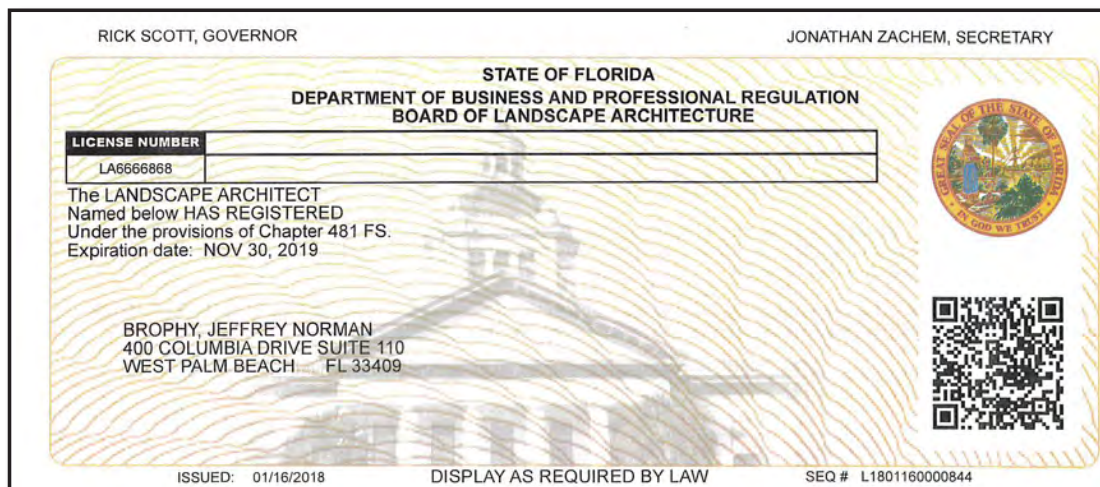




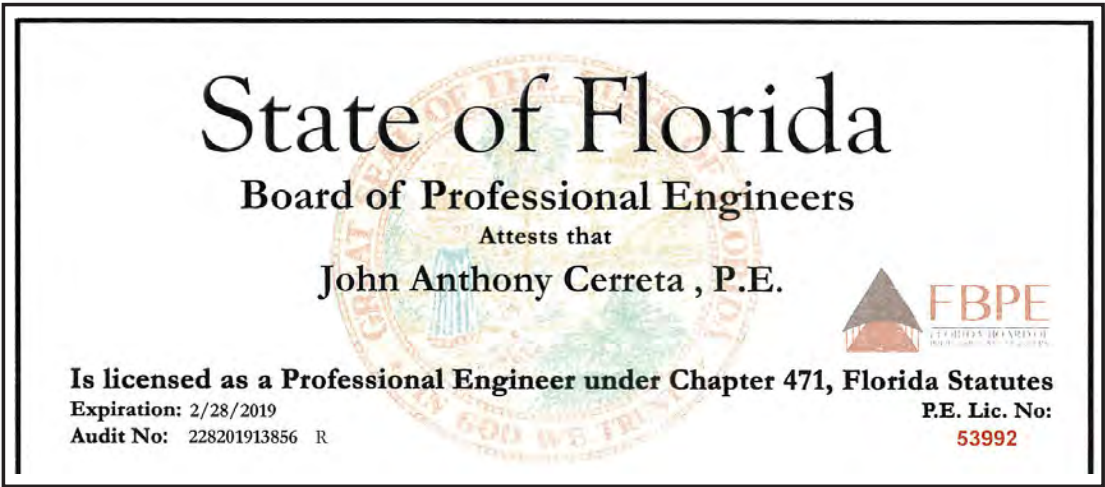
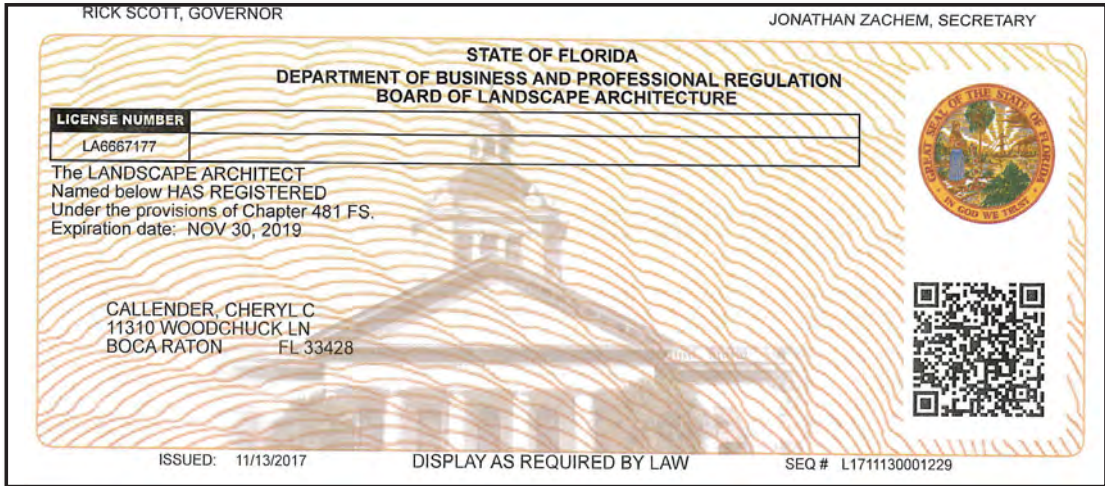
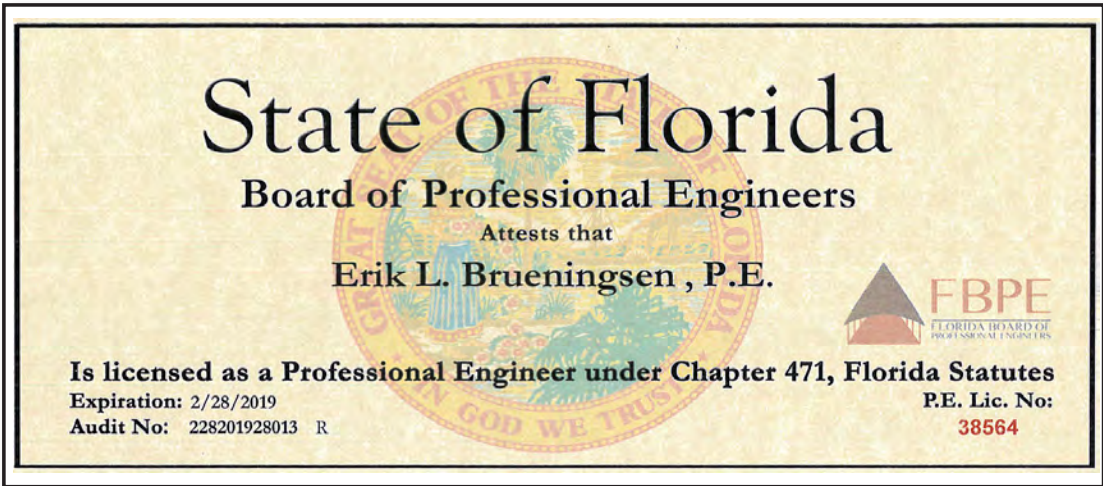


## PROFESSIONAL STAFF LICENSES

### Wantman Group, Inc.







# State of Florida

## Board of Professional Engineers

Attests that

Stephen Crawford Cherry, P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2019

Audit No: 228201934619 I

P.E. Lic. No:

83268

# State of Florida

## Board of Professional Engineers

Attests that

Brett Allen Fuller, P.E.



Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2019

Audit No: 228201915282 R

P.E. Lic. No:

78486

RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

### STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION BOARD OF LANDSCAPE ARCHITECTURE

#### LICENSE NUMBER

LA6667128

The LANDSCAPE ARCHITECT  
Named below HAS REGISTERED  
Under the provisions of Chapter 481 FS.  
Expiration date: NOV 30, 2019

MIHALOVITS, JASON LEE  
11310 WOODCHUCK LN  
BOCA RATON FL 33428



ISSUED: 11/26/2017

DISPLAY AS REQUIRED BY LAW

SEQ # L1711260002180



# State of Florida

## Board of Professional Engineers

Attests that

**James William Richie , P.E.**



**Is licensed as a Professional Engineer under Chapter 471, Florida Statutes**

**Expiration:** 2/28/2019

**Audit No:** 228201925179 R

**P.E. Lic. No:**

**64778**

# State of Florida

## Board of Professional Engineers

Attests that

**Jerome Bruce Saval , P.E.**



**Is licensed as a Professional Engineer under Chapter 471, Florida Statutes**

**Expiration:** 2/28/2019

**Audit No:** 228201910818 R

**P.E. Lic. No:**

**36168**



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



### STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

#### BOARD OF PROFESSIONAL ENGINEERS

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

**DE RIEL, LEAH**

2500 SW 81ST AVE  
UNIT 202  
DAVIE FL 33324

**LICENSE NUMBER: PE69867**

**EXPIRATION DATE: FEBRUARY 28, 2021**

Always verify licenses online at [MyFloridaLicense.com](http://MyFloridaLicense.com)



# State of Florida

## Board of Professional Engineers

Attests that

**Raj Krishnasamy , P.E.**



**Is licensed as a Professional Engineer under Chapter 471, Florida Statutes**

**Expiration:** 2/28/2019

**Audit No:** 228201916642 R

**P.E. Lic. No:**

**53567**

# State of Florida

## Board of Professional Engineers

Attests that

**Larry Michael Smith , P.E.**



**Is licensed as a Professional Engineer under Chapter 471, Florida Statutes**

**Expiration:** 2/28/2019

**Audit No:** 228201916287 R

**P.E. Lic. No:**

**45997**



CITY OF FORT LAUDERDALE

project understanding/  
unique characteristics

BREAKERS AVENUE

# project understanding unique characteristics

The WGI Team acknowledges that while Fort Lauderdale Beach Boulevard (SR-A1A) currently serves as the gateway to Fort Lauderdale's prominent beaches, the Breakers Avenue corridor similarly has the untapped potential to function as a highly-desirable, highly-livable corridor, at the northern periphery of the City's active waterfront. We are excited about the possibility of designing and implementing creative placemaking strategies to activate the Breakers Avenue corridor, a corridor accessible to users of all ages and abilities. Creative placemaking is an essential practice that when paired with the Complete Streets principles, promotes the interdependence of key components, such as traffic calming measures, an activated street front, shaded/inviting streetscapes, multimodal transportation and a diverse mix of land uses that promote sustainable design. Applying these principles to the Breakers Avenue corridor creates a street that engages everyone and can serve as a catalyst to spur economic activity.

The breadth of this project prioritizes contextual design that adheres to "Complete Streets" principles. We understand that a successful streetscape design incorporates a myriad of factors, including the local climate and built form, and creates a space that promotes not only active and healthy living, but fosters an environment of economic vitality through innovative and implementable placemaking and design. We understand that the framework for design must consider the built form, such as the arrangement and scale of buildings with one another and to the street, sidewalks, bike lanes, and other areas within the public realm, and the importance of these elements have in supporting high quality places to live, learn, work, and play.

## Skills and Qualifications

Successful streetscape projects are multi-disciplinary, and must be approached from many angles. The WGI team is comprised of a finely tuned ensemble of visionaries in urban design, roadway design, landscape architecture, engineering, and planning that share the belief that the way we move around our cities affects how we connect people and the built environment. From our collective and extensive experience, our team has learned the value of close collaboration among our allied disciplines in creating an outstanding and viable design.

The team will be led by our Project Manager, Angela Biagi, PLA. Angela is a professional landscape architect and planner with extensive experience designing within the urban realm. As Interim District Landscape Architect for FDOT District 4, she led the landscape planning for the District, which encompasses five different counties. Angela works in all aspects of design including site planning, landscape and hardscape design, green infrastructure, landscape and construction inspection. Her experience will ensure that the intent and vision of the city is preserved throughout the engineering design and construction process.

Incorporating the community's vision through a robust public involvement campaign is a critical component throughout the life of the project. Working in harmony with city officials, our team is dedicated to implementing the vision for the project, by designing a consensus-backed, buildable showcase project and ensuring that the community is informed on a continual basis, through a multitude of platforms. When applying this philosophy to the Breakers Avenue streetscape project, the WGI Team recommends creating micro-websites, which will allow residents to receive current information related to the progress of the project, and create a platform for dialogue through the use of email. The micro-websites incorporate an interactive GIS application, which allows residents to locate information about planned construction, inform them of general improvements that will be made, share information, and provide multi-lingual lines of communication. In an effort to reach as many members of the community as possible, the WGI Team will employ the use of hotlines, which has proven to be a successful channel in which to share information and facilitate dialogue between the City, members of the design team and the community at large. The WGI public outreach toolbox will act as an arm between the City Commission, staff, and their citizenry, ensuring that the projects are implemented efficiently, and community members feel comfortable with the work being conducted.

The WGI Team recognizes the challenges facing our urban streets and communities, and is committed to implementing an exemplary and resilient street design that stands the test of time. Jerry Saval, our Drainage and Permitting Lead, has experience in the design of innovative stormwater systems. His experience includes the drainage design for the Ritz Carlton on Singer Island and The Delray Marketplace in west Delray Beach, both of which both incorporated underground drainage vaults and chambers – a design concept which we envision could be also used on Breakers Avenue.

Delray Marketplace is a 33.2-acre project with 258,000 square feet of commercial development. The stormsewer system included the use of underground stormwater storage chambers for water quality treatment. The Ritz Carlton is a 242-unit, 8.5-acre residential oceanfront condominium development. The proposed stormsewer system was a custom design, and included the use of underground vaults in conjunction with a large diameter pipe exfiltration trenches system for stormwater treatment and attenuation. This type of infrastructure investment provides an opportunity to decrease runoff impacts and compensatory storage for adjacent streets.

The WGI Team includes utility industry experts with over 30 years of experience related to the design and construction of utility facilities in the power distribution and communication fields, including the overhead to underground utility facility conversions. We have extensive experience coordinating with governmental agencies involved with roadway improvement projects and have the District 4 districtwide contract for utility coordination with the Florida Department of Transportation. The goal is to coordinate the proposed design improvements with the existing and proposed utility facilities, to reduce or eliminate unnecessary utility relocations and disruption to critical utility services. With the potential for undergrounding the existing aerial facilities, Erik Brueningsen is a Florida Registered Professional Engineer and will lead the utility coordination effort. He will be supported by former ATT representative and utility coordination manager for ATT and a former FPL representative and utility coordination manager for FPL. All are very familiar with the power and communication industries, having worked on similar projects throughout South Florida.

Similar to WGI's water utility infrastructure project for the Sunrise Boulevard Bridge over the Middle River, the Breakers Avenue Streetscape Project will require extensive coordination, constructible designs, efficient permitting and continuous involvement during construction. Utility coordination, stormwater management, water/wastewater, streets and landscape architecture designs must be integrated from the project conception, in order to deliver a cohesive product. Additional design and information management may be employed, if desired, by developing a model of the surface and underground infrastructure. This supports design coordination and constructability reviews, demonstrates available space for event facilities, and provides operators realistic views of the constructed systems. As the proposed infrastructure designs progress, the utility matrix is created to identify conflicts and solutions, along with their cost and schedule impacts. The City and utility providers would then have the information needed to make decisions and proceed with design, permitting and early construction activities.

Communication and collaboration will continue through the construction phase, as WGI and New Millennium (NME) have demonstrated in the Flagler Memorial Bridge project in West Palm Beach and Atlantic Avenue project in Delray Beach. Both projects involved constant communication between the office and field in order to deliver a high quality product, while managing stakeholder needs and traffic, as will be expected with ongoing construction adjacent to Breakers Avenue. NME has 100 locally based personnel that are experienced in similar projects, are continually trained and certified, have established working relationships with most local contractors, and know how to address and resolve issues as they arise in the field; mitigating potential cost overruns and delays. Their approach to administering this construction contract will ensure that the City's time, money, and project goals are achieved. Ms. Leah deRiel, PE, with over 14 years of experience will be our Senior Project Engineer. She will be the single point of contact for the City's Project Manager during construction and be responsible for ensuring that this Project is completed in substantial conformance with the plans and specifications, construction contract, and all of the City's policies, procedures, guidelines, and master plans.

## Vision

The Central Beach Master Plan and Breakers Avenue Community Vision Illustrated video demonstrates that there is already support from the community, both from diverse stakeholders and city leadership that will make this dream a reality. Working in harmony with city officials, our designers will turn this vision into a consensus-backed, buildable showcase project, ensuring that the community is constantly informed and has multiple platforms for public input. The WGI Team approach to developing drawings will be to build off of the recommendations contained within this plan. As ambassadors of the project, the WGI Team will ensure the City and community's ultimate vision and goals are being carried forward in our design and through construction.



CITY OF FORT LAUDERDALE

approach to  
scope of work

BREAKERS AVENUE



# approach to scope of work

The WGI Team starts the integration of planning and engineering at the very inception of the design process. Housing multiple disciplines under one roof promotes a collaborative environment, where all disciplines, including survey, planning, roadway, drainage, utilities, and landscape work together on a daily basis, creating a streamlined and seamless process that ensures successful projects. It is common for the WGI Team to host an internal multi-disciplinary charrette for projects, so that all components of the design are considered during the conceptual planning stage. Through this design method, our team ensures that the design concepts have been vetted for engineering, bid-ability and constructability. The following critical steps must be carried out to ensure success from concept inception to construction completion.

## PHASE 1 - PLANNING AND DESIGN

### **TASK A – Pre-Design (to be provided by the City)**

### **TASK B – Preliminary Design and Estimated Construction Costs**

WGI will evaluate and make recommendations to 30% engineering design package provided by the City.

The Breakers Avenue Streetscape Project proposal includes the accommodation of public events that may need temporary overhead signs or lighting, in addition to permanent lighting and landscape. These project components make this roadway a great candidate for the undergrounding of existing overhead utilities; therefore, utility coordination and design would begin immediately.

We believe that community engagement is a critical component to the success of a project and recommend it be incorporated early and into each phase of the process. A Public Involvement Plan (PIP) will be created and implemented to serve as a tiered and staged outreach approach to proactively engage a variety of audiences and to build ownership and support for the project. The WGI Team will incorporate less-customary and more-innovative outreach tools that go outside of a meeting room. This may include:

- Hotlines
- Project micro-websites
- Social media
- Stakeholder interviews
- Maintaining a database for outreach tracking

## PHASE 2 – PERMITTING, BIDDING, AND CONSTRUCTION

### **TASK C – Construction Documents**

*Conceptual Development of Plan/Report – (60% Phase)*

*Final Design Development of Plans/Reports – (100% Phase)*

### **TASK D – Permitting**

Our team has decades of experience permitting water, wastewater and stormwater management systems ranging from private developments to municipal streets and highway interchanges with agencies throughout Florida, including SFWMD, FDOT, Central Broward Water Control District, South Broward Drainage District and Broward County's Departments of Health and Environmental Protection. Leveraging these relationships and involving agencies early in the design process, has proven key to efficient permitting, particularly for innovative design in sustainability as is planned for Breakers Avenue.

### **TASK E – Green Roads Rating Documentation**

We are committed to incorporating sustainable practices into the corridor design and construction activities. At the request of the City, Greenroads Certification can be obtained.

### **TASK F – Project Evaluation**

The WGI team will collect pre- and post-construction statistics by accessing transportation and tax records, setting up data collection locations, conducting site visits and stakeholder interviews. This data will be used to document the City's return on investment from health, environmental and economic perspective.

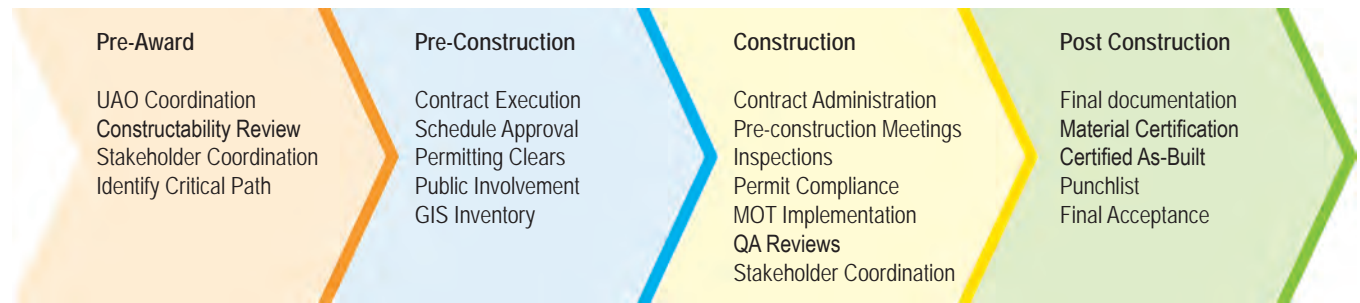


## TASK G – Construction Bidding and Negotiations

Successful bidding begins with constructability and bid-ability reviews while designing and estimating. Given the complexity of the Breakers Avenue Streetscape project, developing a complete and organized schedule of bid items will be critical. WGI proposes to establish bid items in conformance with an established set of specifications and supplement as needed, based on experience with similar streetscape projects and specialty designs. This gives prospective bidders a clear link from the plans to the specifications and bases of payment, thereby helping to reduce time to review bids, as well as payment applications and potential changes during the project.

## TASK H – Construction Administration

Construction administration services will begin prior to the start of improvements, with constructability reviews at 60% and again near plan completion to ensure that the Breakers Avenue project can be built economically and as planned.



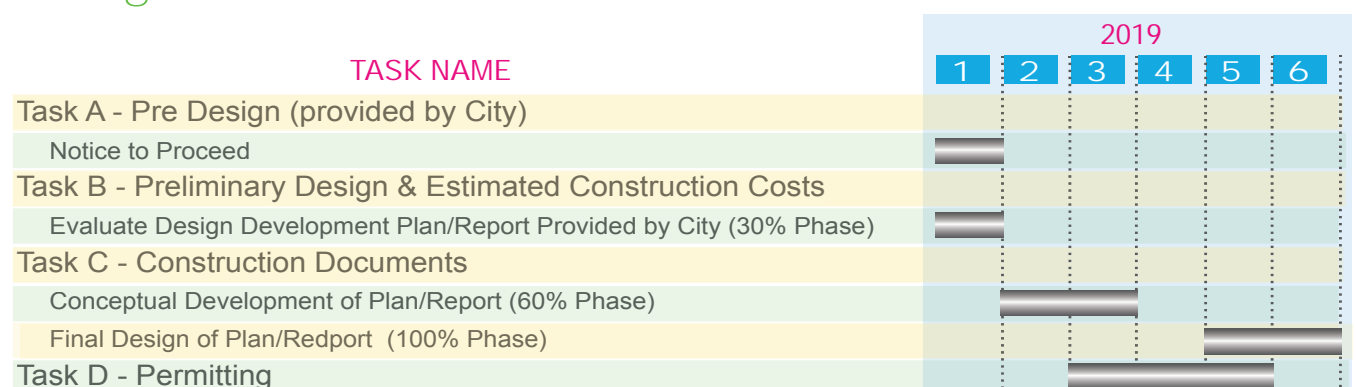
**During Construction:** The WGI Team will review and monitor the Contractor's construction schedule, paying particular attention to critical path activities and tracking field progress so that the project can meet each milestone effectively and efficiently without delays. NME will ensure construction compliance with plans and specifications, coordinate public involvement, track materials, and hold weekly progress meetings with the City PM and Contractor to discuss submittals, issues, and schedule updates. As RFIs and notices of intent to claim are received, we will work to expediently resolve issues while keeping the City's PM advised through weekly project updates, including current pictures of construction.

**Project Closeout:** Closeout includes on-time project delivery, final documentation, material certification statements, delivery of warranties, certified as-builts, and punchlist/final acceptance. After the Contractor notifies us that they have reached substantial completion, the WGI Team will immediately schedule a walk through with the Contractor, Design Consultant, and the City PM, as well as perform the substantial completion inspection. NME will prepare a punch list of items that need to be completed and attach it to our certificate of substantial completion.

**Documentation-Tracking-Resolution:** All of the Project documentation, file storage, and retrieval needs will be based on a "Single Point of Information" process that utilizes our proprietary cloud-based application (*projectTracker™*) to provide access to real-time data and project information, inclusive of the project manuals, design standards and specifications, and other documents that specifically pertain to this Project. Once plans are approved or revised the information will be uploaded into *projectTracker™*, providing the City's PM and our inspectors with the most comprehensive and up-to-date information available.

## Design Schedule

6 Months



## Past Project Success

WGI is successfully using this same approach in the City of West Palm Beach, with the Banyan Boulevard corridor project. As with Breakers Avenue, the project was divided into two phases: 1) planning and design, and 2) permitting, bidding, and construction. Future design considerations, which were identified to address safety, public art, future development projects, landscaping, and intersection improvements, were incorporated into the public engagement and outreach efforts. Typical roadway sections were developed to transform the corridor into a bicycle and pedestrian-friendly link while adhering to current Florida Design Manual standards and meeting an acceptable level of service based on adopted criteria. The recommended typical section incorporates a raised protected cycle track for the length of the corridor. This alternative protects cyclists from vehicular conflicts and reduces the width of pavement which lends itself to slower driving speeds. The use and placement of the canopy trees creates a sense of enclosure and visual order, which is currently lacking. This design will reinvent Banyan Boulevard as a corridor prototype for multi-mobility in the City. NTP for Phase 2 of the project is anticipated in January 2019 and completion in August of 2020. Refer to attached Form 330 for additional project references and team member participation.

### DESIGN STANDARDS

When dealing with local roadways, one must be cognizant of the many factors early in the scoping process and design phase. This includes verifying local road design criteria (Florida Greenbook is often used), understanding the necessary agreements that need to be obtained including resolutions, signed typical sections and pavement designs, and local funding agreements.

Our project team prides itself on being knowledgeable in latest trends in multi-use adaptable street design. Our project manager and roadway design engineer have both received FHWA and FDOT training on the in the FDOT Florida Design Manual (FDM) and have applied the newest design criteria for road diets and bike lanes design standards to several projects. For a locations such as Breakers Avenue, we will use the toolbox of the City's Complete Street Manual to maintain the "beach thoroughfare" identity of the corridor. We will ensure that design elements developed early in the process will not be lost through the construction design and will pay special attention to the sidewalk zones and maintaining design controls meant to serve the pedestrian rather than the automobile.

A sustainable design for Breakers Avenue is essential for the success of the project. We will provide landscape and irrigation plans that use best management practices, including the use of coastal native species and species diversity within the landscape plans. Consideration will be given to size and species of plant material for vehicle clearance, signage and sight lines. Through coordination with our design engineers, we will ensure that critical pedestrian elements such the location of streets trees and planters will be prioritized and not impacted during the lighting and utility design. Irrigation design is completed in house, allowing us control over the specification. Our irrigation plans will incorporate various water-saving techniques, including micro weather stations, soil moisture sensors, and high efficiency nozzles. Lighting will be designed as sea-turtle friendly while still providing ample visibility and safety. It is anticipated that bollard lighting and landscape lighting will be used to supplement the pedestrian areas.

### DESIGN CHALLENGES

**Private Property Owners:** As the scope of work will go outside of the right of way and onto private property, early coordination with impacted owners is critical to prevent additional scope requests, establish the City's vision and goals, and to ensure that they are feasible to fit into the overall scope, budget, or schedule. If a request occurs too late, midway through the design phase, appropriate actions must be taken to again ensure that budgets and schedules are not compromised. If this situation arises, the WGI Team will take swift action to assess potential impacts and schedule meetings with the City immediately to discuss viable options and establish parameters and potential costs. Engagement and education with the affected property owners on critical schedule dates, contractual implications, and continued follow-up coordination will ease the strain in obtaining the necessary signed agreements, design concurrence, or certifications. Conversely, all stakeholders must understand the time frames and approval process by permitting agencies to factor into the project schedule.

**Data Collection and Utility Coordination:** Existing data collection and utility coordination (utility clearance) are significant factors that must be considered with this type of contract. Schedules are typically very compressed out of necessity, or in the case of infrastructure improvements, because of commitments to the public. These project elements must be proactive and well planned in order to provide the necessary data and clearances to meet any aggressive schedule. The WGI Team of experienced utility coordinators consists of former industry staff who have served on specific FDOT and County Utility Coordination contracts over the past decade. They are adept at resolving issues and dealing with unresponsive utility agencies through proactive coordination, conducting face-to-face meetings, walking them through the utility work schedule process, to even offering drafting assistance and in-office reviews of the agency's critical project documents. The following Utility Agency Owners were listed in a current Sunshine 811 Design Ticket; ATT Florida, City of Fort Lauderdale, Comcast, Crown Caste, FPL Distribution, Hotwire Communications, MCI / Verizon, TECO Peoples Gas.

WGI can provide a Senior Utility Coordinator and Utility Industry Subject Matter Expert to each of the utility industry disciplines, when needed to expedite the coordination and design resolution.

**Phasing:** Project phasing must also be incorporated into the design in order to maintain services during construction and between seasonal phases of construction. Additionally, maintaining safe and accessible pedestrian access must be considered through all phases of construction. This is important for the viability of existing commercial establishments. Phasing Breakers Avenue requires the overall project to be designed as a series of smaller projects that construct the ultimate systems, while defining clear beginning and ending points of permanent and temporary infrastructure. The process begins with establishing a thorough understanding of the existing infrastructure and stakeholders' needs. This requires discussions with users and operators, tabulation of quantitative demand, examining available data (GIS, as-built surveys, etc.) and verifying existing conditions (surveys, inspections, subsurface utility exploration and testing). Design and modeling then follows in order to connect the end-user needs with the boundary conditions and identify potential off-site improvements, in order to provide the required level of service. Off-site utility improvements for urban development, specifically considering the increasing population, may include transmission mains, pump stations or storm sewers in order to increase capacity. Determining off-site needs early is critical, in order to comprehend cost, schedule and limits of construction. Design must also incorporate special considerations of peak demands, operational needs for special events and long-term maintenance. This includes locating routine access points in areas that may be isolated without substantial disturbance to the public, identifying potential environmental impacts such as odors or discharges, and specifying durable materials that add longevity to the system.

### COORDINATION WITH CITY AND STAKEHOLDERS

To provide for consistent communication between the City and WGI, we will implement a communication protocol that will utilize key points of contact within the City, key stakeholders, and WGI for each assignment. The WGI Project Manager, Angela Biagi, will be the first point of contact for all project related aspects and have the responsibility of coordination with the City's Project Manager. This direct interface will facilitate communication. However, at any time during a task assignment the Jeff Brophy, Principal in Charge will be available to assist in the coordination of the project.

Although email correspondence is an effective tool for communication and documentation, WGI believes that in-person meetings and telephone calls are imperative components for successful project delivery. Items discussed in meetings or telephone conversations will be transcribed into minutes or records of conversations and distributed to establish project reference documents. Progress reports, including updates on project budget, schedule and any outstanding or upcoming technical issues will be prepared and distributed by WGI on a pre-determined periodic basis (weekly, bi-weekly, or monthly). Additionally, formal presentations to City staff can be scheduled at your discretion. Status briefings, formal presentations, and workshops are encouraged as additional mechanisms to facilitate communicating significant technical issues, potential schedule delays, or other issues which appear significant.

### ABILITY TO MEET TIME AND BUDGET REQUIREMENTS

**Control of Project Schedule:** The development of an accurate, initial project schedule will be the most important step in ensuring a successful outcome. Schedules must be specific to each project with superfluous activities removed. If a major milestone is omitted or combined with a subsequent phase with the intent to accelerate the project schedule, all other milestones tied to that major milestone phase, especially those associated with the utility certification process, must still be "triggered" in some fashion. This requires close coordination between the WGI PM, task managers, and the City, and a heightened understanding of all schedule activities and responsibilities, both internal and external.

Managing this process takes a strong, proactive, and communicative PM who must maintain a centralized internal schedule to ensure milestones are staggered and additional resources can remain flexible. Regular internal meetings must be held with team leaders to track not only current progress, but future availability. Lastly, as with any contract, should the project fall behind, having a necessary recovery plan in place is essential. If negative float needs to be recovered, the WGI Team will first identify the root cause of the negative float, followed by preparation of a recovery plan to the City, with a clear identification of the critical path. Once the critical path moving forward is identified, additional resources can be allocated and inefficiencies in certain processes can be eliminated. Therefore, a proactive review of the entire schedule (not just a 30 day look ahead) and actively coordinating with the City are essential to keeping a healthy schedule.

**Control of Project Budget:** Awareness of both the conceptual/design budget, as well as the project's construction budget are of equal importance. With regards to controlling the conceptual/design budget, WGI will develop comprehensive staff hour estimates for each work order based on a clear understanding of the scope of services. Staff hours will be refined during negotiations to quantify unknowns, uncertainties, and assumptions, to fairly and judiciously balance effort, cost, and risk for safe and effective design solutions. Senior level staff will provide direction and oversight while design production will be performed by experienced, but appropriately salaried associates.



This technique will optimize the careful balance between production needs and budgets during the length of the contract. Tracking of project progress and budgets will be accomplished through Earned Value Analysis, to easily relate scope, schedule, and budget and graphically track project status and performance at any given point in time.

As it relates to the construction budget, the WGI Team will update the cost estimate at key milestones including project initiation, after any scope changes, at conceptual engineering, during design, and prior to construction bidding. Updates will serve as a periodic check and balance to ensure an adequate construction budget. To control scope creep, proposed or requested improvements will be reviewed within the context of the scope of services for each work order.

QA/QC

WGI has adopted the quality control procedures utilized by the Florida Department of Transportation, which are systematic in nature and requires several different professionals to complete the checking and back-checking of work products. These procedures are incorporated into all of our designs. In addition, WGI develops a Quality Assurance (QA) Manual that is specifically tailored to each of our design projects.

Prior to any submittal, all plans/ reports, including design calculations, will be checked and back-checked in accordance with the procedures outlined in the QA Manual to ensure compliance with current industry standards and codes. We also review plans/reports prepared by other consultants on the Team for compatibility of design. Additionally, peer reviews are the highest level of action utilized to improve the quality of design projects. While this may not be specifically required, the Design Team will perform internal peer reviews prior to submittals as an added safeguard for the public and the City. It has been our experience that unbiased and diplomatic reviews by independent, high level professionals not only enhance quality, but can also be a highly cost-effective measure.



ANTICIPATED WORKLOAD/AVAILABILITY OF TEAM

The following key personnel will be working on this project. The percentage of their current workload and anticipated availability:

Name	Current Workload	Availability	Name	Current Workload	Availability
Angela Biagi	60%	60%	Jason Mihalovits	40%	40%
John Cerreta	60%	50%	Jimmy Richie	80%	50%
Jerry Saval	50%	50%	Erik Brueningsen	40%	40%
Greg Griffith	65%	65%	Leah deRiel	100%	100%

Our staff will devote their time to this project on a first priority basis. Once a contract is signed and Notice to Proceed given, the WGI Team will not over commit staff members that have been assigned to this Project.

SUSTAINABLE PRACTICES

WGI is committed to sustainability and employee wellness. Our modern office facility is equipped with low flow fixtures in all kitchen and rest room facilities and lights on timers throughout the building and in the parking lot. Our firm does not use single use cups or plates and filtered water stations are provided for employees to refill water bottles. Recycling protocol includes all batteries and electronics as they are continuously updated. Our landscape architect staff design the building landscape material to be Florida Friendly and the irrigation system is designed with a low flow water conservation system. To make sure it is performing at its best, maintenance is scheduled regularly to ensure no water is wasted.





CITY OF FORT LAUDERDALE

references

BREAKERS AVENUE

# reference projects

Projects designed by our firm with the last eight years of similar size and scope are included herein. We encourage you to contact our references.

## NE 2ND Avenue Roadway

WGI served as the lead design engineer for the reconstruction and roadway enhancements of this local arterial roadway. Due to a significant portion of the funding coming from the FDOT Local Agency Program (LAP), WGI's was responsible for the coordination and specific deliverable requirements inherent in a LAP-funded project, and for ensuring all criteria and requirements of the LAP funding process were documented. The overall goal of the project was to enhance the roadway by designing traffic calming features including reduced traffic lanes from 12 feet to 10 feet, raised plateau intersections, paverbrick crosswalks and landscaped bulb-outs. A unique feature in the design was the inclusion of green striped bicycle lanes to clearly designate the lanes which was a key requirement of the LAP funding.

**CLIENT:**

City of Delray Beach  
Mr. Isaac Kovner, PE  
434 S. Swinton Avenue  
Delray Beach, Florida 33444  
Phone: 561.243.7322  
Email: kovner@ci.delray-beach.fl.us

**DATE COMPLETED:**

Design 2016  
Construction 2016

**TOTAL COST:**

Design \$150K  
Construction \$1.8M

## Central Seacrest Corridor

The streetscape improvements include water main replacement, wastewater force main, stormwater system upgrades including new exfiltration trench, pavement overlay, tree relocations, and miscellaneous upgrades to driveway aprons and sidewalks. The public involvement strategies for this project addressed how adjustments and accommodations will be made to involve the public at each stage of the decision making process, from design through construction. The public involvement plan ensures that ongoing public participation throughout the design and construction of the Central Seacrest Corridor utility improvements.

**CLIENT:**

Joseph Paterniti, PE  
Interim Utility Director  
Boynton Beach Utilities  
124 East Woolbright Road  
Boynton Beach, FL 33435  
Phone: 561.742.6423  
E-mail: PaternitiJ@bbfl.us

**DATE COMPLETED:**

Design 2018

**TOTAL COST:**

Design \$1M  
Construction \$1.8M

## Alternate A1A

WGI assisted with development of a beautification grant package for submittal to the Florida Department of Transportation District 4. WGI performed all the coordination with the FDOT District landscape architect on behalf of the City. WGI prepared conceptual landscape plans, graphic renderings and conceptual landscape, irrigation cost estimates, and assisted the City in preparing the grant write-up. Upon grant approval, WGI developed the full construction drawings, including landscape, irrigation, traffic control plans, and all the maintenance exhibits for the FDOT maintenance agreement.

**CLIENT:**

The City of Palm Beach Gardens  
Angela Brown, Deputy Director  
10500 N. Military Trail  
Palm Beach Gardens, Florida 33410  
Phone: 561.804.7010  
Email: abrown@pbgfl.com

**DATE COMPLETED:**

Design 2015  
Construction 2016

**TOTAL COST:**

Design \$2.5K  
Construction \$347K

## Saddle Trail Park (South)

WGI provided design, permitting, public involvement assistance, bond assistance, and construction engineering services for the Saddle Trail Park (South) neighborhood improvement project. Key components of the project included paving of existing shellrock roads, construction of new equestrian bridle trails, approximately 17,500 linear feet of new eight-inch water mains, fire hydrants, driveway connections and drainage system reconstruction. Saddle Trail Park is part of Wellington's equestrian preserve area and presented unique obstacles for the design and construction of the project. Funding was provided through the proceeds of infrastructure improvement bonds with repayment being accomplished through annual assessments pursuant to Chapter 170 of the Florida statutes.

**CLIENT:**

Village of Wellington  
Tom Lundeen, PE  
12300 Forest Hill Boulevard  
Wellington, FL 33414  
Phone: 561.753.2454  
Email: [tlundeen@wellingtonfl.gov](mailto:tlundeen@wellingtonfl.gov)

**DATE COMPLETED:**

Design 2014  
Construction 2015

**TOTAL COST:**

Design \$2952K  
Construction \$4.5M

## Banyan Boulevard from Tamarind Avenue to Olive Avenue

The goal of this corridor redevelopment was to create a vibrant street and downtown gateway, prioritizing pedestrians and cyclists, with alternative mobility infrastructure, as well as safe accommodation of automobiles. The City's vision included removing physical and social barriers that the roadway creates, while establishing the corridor as a prominent gateway. Phase 1 included planning and design, and Phase 2 includes permitting, bidding, and construction. Future design considerations address safety, public art, future development projects, landscaping, and intersection improvements were incorporated into the public engagement and outreach efforts, through public meetings, conducting surveys, and keeping residents informed. Typical roadway sections were developed to transform the corridor into a bicycle and pedestrian-friendly link and recommended a raised protected cycle track for the length of the corridor. This alternative protects cyclists from vehicular conflicts and reduces the width of pavement which lends itself to slower driving speeds. The use and placement canopy trees creates a sense of enclosure and visual order. This design will reinvent Banyan Boulevard as a corridor prototype for multi-mobility in the City.

**CLIENT:**

City of West Palm Beach  
Erik Ferguson, PE  
401 Clematis Street  
West Palm Beach, FL 33401  
Phone: 561.822.2105  
Email: [Eferguson@wpb.org](mailto:Eferguson@wpb.org)

**DATE COMPLETED:**

Design 2018

**TOTAL COST:**

Design \$1M



CITY OF FORT LAUDERDALE

minority participation

BREAKERS AVENUE

# minority (mbe) certificate

WGI is not a minority business enterprise; however, WGI has a proven record of being a MBE/SBE/DBE friendly firm and we consistently exceed expectations in MBE/SBE/DBE participation. Many of our existing and past contracts with local, state and federal agencies have minimum goals established and we always strive to exceed those goals. WGI has consistently received grades of "A+" and "A" for MBE/SBE/DBE participation from the Florida Department of Transportation and South Florida Water Management District.

For minority participation for this contract, WGI's minority subconsultant is Tierra South Florida, Inc.

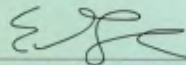
*State of Florida*

## Minority Business Certification

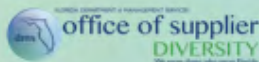
**Tierra South Florida, Inc.**

Is certified under the provisions of  
287 and 295.187, Florida Statutes, for a period from:

11/01/2017 to 11/01/2019



Erin Rock, Secretary  
Florida Department of Management Services



Office of Supplier Diversity • 4050 Esplanade Way, Suite 380 • Tallahassee, FL 32399 • 850-487-0915 • [www.dms.myflorida.com/osd](http://www.dms.myflorida.com/osd)



# litigation, arbitration, mediation or other legal proceedings

A summary of any litigation filed in the past five years is provided below. No citations, licensure or discipline violations, or debarment proceedings have been applied to or administered against WGI or its staff.

CASE	SUMMARY	STATUS
<b>ACTIVE CASES</b>		
WGI v. Ranger Construction Industries	WGI filed suit for non-payment of professional fees due	In Discovery
5700 N. Ocean Condominiums v. Catalfulmo Construction, et al.	Condo association filed suit against the developer and contractor for building related deficiencies with a request for discovery from WGI	In Discovery
<b>RESOLVED CASES</b>		
Genovese v. FDOT, et al.	Traffic accident on Kings Highway	Settled (2018)
Astaphan v. Ranger Construction, Bob's Barricades, WGI, et al.	Traffic accident on I-95	Dismissed on summary judgment (2017)
Citizens Awareness Foundation v. WGI	Dispute regarding public records request being addressed at legislative level in Tallahassee	WGI prevailed (2016)
Curtin v. FDOT, et al.	Traffic accident on I-95 with a request for discovery from WGI	Dismissed with prejudice (2015)
Guettler Brothers Construction v. Shelby Homes & Regions Bank, et al.	Dispute for non-payment by developer between contractor, developer and lender with a request for production from WGI	Dismissed with prejudice (2015)
Massey v. FDOT, et al.	Traffic accident on HEFT	Dismissed with prejudice (2014)



CITY OF FORT LAUDERDALE

required forms

BREAKERS AVENUE



City of Fort Lauderdale • Procurement Services Division  
100 N. Andrews Avenue, 619 • Fort Lauderdale, Florida 33301  
954-828-5933 Fax 954-828-5576  
[purchase@fortlauderdale.gov](mailto:purchase@fortlauderdale.gov)

**ADDENDUM NO. 1**  
**RFQ No. 12226-996**  
**TITLE: Breakers Avenue Streetscape Project**

**ISSUED: 11/29/2018**

This addendum is being issued to make the following change(s):

**1). The first paragraph in Section II – General Terms and Conditions, Item 2.8 shall be changed**

**From:**

**2.8 Minimum Qualifications**

Firms shall be in the business of Civil Engineering and must possess sufficient licenses, certifications, financial support, equipment and organization to insure that it can satisfactorily perform the services if awarded a Contract.

**To:**

**2.8 Minimum Qualifications**

Firms shall have experience in preparing engineering plans for the construction of streetscape and infrastructure improvements and must possess sufficient licenses, certifications, financial support, equipment and organization to insure that it can satisfactorily perform the services if awarded a Contract.

**2). The first sentence in Section IV- Submittal Requirements, Item 4.2.7 – Approach to Scope of work shall be changed**

**From:**

**4.2.7 Approach to Scope of Work**

Provide a narrative describing Proposer's approach to providing Urban Design and Civil Engineering services.

**To:**

**4.2.7 Approach to Scope of Work**

Provide a narrative describing Proposer's approach to the project.

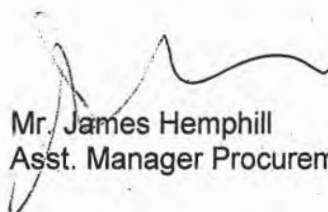
**3). Under Item 4.2.11 – Required Forms, Add the following:**



City of Fort Lauderdale • Procurement Services Division  
100 N. Andrews Avenue, 619 • Fort Lauderdale, Florida 33301  
954-828-5933 Fax 954-828-5576  
[purchase@fortlauderdale.gov](mailto:purchase@fortlauderdale.gov)

**f. CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH  
NON-DISCRIMINATION PROVISIONS OF THE CONTRACT**  
This form is to be completed and inserted in this section.

All other terms, conditions, and specifications remain unchanged.

  
Mr. James Hemphill  
Asst. Manager Procurement and Contracts

Company Name: Wantman Group, Inc.  
(please print)

Bidder's Signature: 

Date: 12/28/2018



City of Fort Lauderdale • Procurement Services Division  
100 N. Andrews Avenue, 619 • Fort Lauderdale, Florida 33301  
954-828-5933 Fax 954-828-5576  
[purchase@fortlauderdale.gov](mailto:purchase@fortlauderdale.gov)

**ADDENDUM NO. 2**  
**RFQ No. 12226-996**  
**TITLE: Breakers Avenue Streetscape Project**

ISSUED: 12/04/2018

This addendum is being issued to make the following changes

**The proposal due date has been changed to December 28, 2018**

All other terms, conditions, and specifications remain unchanged.

Mr. James Hemphill  
Asst. Manager Procurement and Contracts

Company Name: Wantman Group, Inc.  
(please print)

Bidder's Signature: 

Date: 12/17/2018





City of Fort Lauderdale • Procurement Services Division  
100 N. Andrews Avenue, 619 • Fort Lauderdale, Florida 33301  
954-828-5933 Fax 954-828-5576  
[purchase@fortlauderdale.gov](mailto:purchase@fortlauderdale.gov)

**ADDENDUM NO. 3**  
**RFQ No. 12226-996**  
**TITLE: Breakers Avenue Streetscape Project**

**ISSUED: 12/17/2018**

This addendum is being issued to make the following changes

1. **DELETE:** The following Task is deleted from the Section III – Scope of Services:

**A).Predesign**

**Develop two preliminary design alternates through project stakeholders' engagement based on the community vision developed through the stakeholder engagement process. Prepare construction estimates for each alternate.**

2. **REVISE:** The following Task is corrected from the Section III – Scope of Services:

**B) Design and estimated construction costs**

Prepare a 30% engineering design package for up to two (2) alternates based on the preliminary design (**provided by the City**).

- Topographical survey (**provided by the City**)
- Conduct a geotechnical soil survey and identify the utility locations within the project boundary (using Ground penetrating radar and Subsurface Utility Engineering, or other means, as necessary). Meet with the utility owners to verify locations.

3. **REVISE:** Section 4.1.6 shall be corrected from:

**4.1.6** One (1) original and one (2) copy plus SIX electronic (soft) copies (Flash Drive) of your proposal shall be delivered in a sealed package with the RFP number, due and open date, and RFP title clearly marked on the outside by the due date and time (deadline) to the address specified in Section I, 1.2 – Submission Deadline. It is the sole responsibility of the respondent to ensure their proposal is received on or before the date and time stated, in the specified number of copies and in the format stated herein.



City of Fort Lauderdale • Procurement Services Division  
100 N. Andrews Avenue, 619 • Fort Lauderdale, Florida 33301  
954-828-5933 Fax 954-828-5576  
[purchase@fortlauderdale.gov](mailto:purchase@fortlauderdale.gov)

TO: **4.1.6** One (1) original and **two** (2) copy plus SIX electronic (soft) copies (Flash Drive) of your proposal shall be delivered in a sealed package with the RFP number, due and open date, and RFP title clearly marked on the outside by the due date and time (deadline) to the address specified in Section I, 1.2 – Submission Deadline. It is the sole responsibility of the respondent to ensure their proposal is received on or before the date and time stated, in the specified number of copies and in the format stated herein.

4. **DELETE:** Under Section II – General Terms and Conditions The following Item shall be deleted from, and not pertain to this solicitation:

**2.12 Local Business Price Preference**

Additionally – the following form shall not be required to be submitted with the proposal: c. **Local Business Preference (LBP)**

All other terms, conditions, and specifications remain unchanged.

Mr. James Hemphill  
Asst. Manager Procurement and Contracts

Company Name: Wantman Group, Inc.  
(please print)

Bidder's Signature: [Handwritten Signature]

Date: 12/17/2018

**STATEMENT OF QUALIFICATION CERTIFICATION**

**Please Note:** All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the department of state, in accordance with Florida Statute §607.1501 (visit <http://www.dos.state.fl.us/> ).

Company: (Legal Registration) Wantman Group, Inc.

Address: 3230 W. Commercial Boulevard, Suite 300

City: Fort Lauderdale State: Florida Zip: 33309

Telephone No. 954.660.1660 FAX No. 954.660.1661 Email: Angela.Biagi@wginc.com

Does your firm qualify for MBE or WBE status: No MBE      WBE     

**ADDENDUM ACKNOWLEDGEMENT** - Proposer acknowledges that the following addenda have been received and are included in the proposal:

Addendum No.	Date Issued	Addendum No.	Date Issued
<u>1</u>	<u>11/29/2018</u>	<u>3</u>	<u>12/17/2018</u>
<u>2</u>	<u>12/04/2018</u>	<u>    </u>	<u>    </u>

**VARIANCES:** State any variations to specifications, terms and conditions in the space provided below or reference in the space provided below all variances contained on other pages of bid, attachments or bid pages. No variations or exceptions by the Proposer will be deemed to be part of the bid submitted unless such variation or exception is listed and contained within the bid documents and referenced in the space provided below. If no statement is contained in the below space, it is hereby implied that your bid/proposal complies with the full scope of this solicitation. If this section does not apply to your bid, simply mark N/A. **If submitting your response electronically through BIDS SYNC you must click the exception link if any variation or exception is taken to the specifications, terms and conditions.**


None

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, hereby agrees that in no event shall the City's liability for respondent's indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of five hundred dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

Jeffrey Brophy, PLA  
Name (printed)

12/28/2018  
Date:

  
Signature  
Vice President  
Title

**NON-COLLUSION STATEMENT**

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.

**NAME****RELATIONSHIPS****None****N/A**

In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.

**CONTRACT PAYMENT METHOD BY P-CARD**

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to payment by credit card via MasterCard or Visa. This allows you as a vendor of the City of Fort Lauderdale to receive your payment fast and safely. No more waiting for checks to be printed and mailed.

In accordance with Article 7, item 7.4.3 of the consultant agreement attached herein, payments for all services will be made utilizing the City's P-Card program (MasterCard or Visa). Accordingly, firms must presently have the ability to accept credit card payment or take whatever steps necessary to implement acceptance of a credit card before the commencement of the agreement.

Please indicate with which credit card you prefer to be paid:

\_\_\_\_\_ Master Card

☒ \_\_\_\_\_ Visa Card

Company Name: Wantman Group, Inc.

Jeffrey Brophy, PLA

Name (printed)

12/28/2018

Date:

  
Signature

Vice President

Title



**CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH  
NON-DISCRIMINATION PROVISIONS OF THE CONTRACT**

The completed and signed form should be returned with the Contractor's submittal. If not provided with submittal, the Contractor must submit within three business days of City's request. Contractor may be deemed non-responsive for failure to fully comply within stated timeframes.

Pursuant to City Ordinance Sec. 2-17(a)(i)(ii), bidders must certify compliance with the Non-Discrimination provision of the ordinance.

- (a) Contractors doing business with the City shall not discriminate against their employees based on the employee's race, color, religion, gender (including identity or expression), marital status, sexual orientation, national origin, age, disability or any other protected classification as defined by applicable law.

Contracts. Every Contract exceeding \$100,000, or otherwise exempt from this section shall contain language that obligates the Contractor to comply with the applicable provisions of this section.

The Contract shall include provisions for the following:

- (i) The Contractor certifies and represents that it will comply with this section during the entire term of the contract.
- (ii) The failure of the Contractor to comply with this section shall be deemed to be a material breach of the contract, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.



\_\_\_\_\_  
Authorized Signature

**Jeffrey Brophy, PLA, Vice President**

\_\_\_\_\_  
Print Name and Title

**12/28/2018**

\_\_\_\_\_  
Date



CITY OF FORT LAUDERDALE

**WANTMAN GROUP, INC. (WGI)**

3230 W. Commercial Boulevard  
Suite 300  
Fort Lauderdale, FL 33309  
954.660.1660

**PROJECT MANAGER**

Angela Biagi, PLA, LEED BD+C  
[angela.biagi@wginc.com](mailto:angela.biagi@wginc.com)

[www.WGInc.com](http://www.WGInc.com)