



City of Delray Beach
CEI Services for City Marina
RFQ No. 2019-020 | Project 16-098

February 20, 2019



COPY

City of Delray Beach
RFQ No. 2019-020
Project No. 16-098
CEI Services for City Marina

SECTION 11: SOLICITATION SUMMARY

IF SUBMITTING HARD COPY: PRINT AND COMPLETE THIS FORM

IF SUBMITTING ELECTRONICALLY: COMPLETE APPLICABLE WEB FORM ON WWW.BIDSYNC.COM

The City of Delray Beach
100 NW 1st Street
Delray Beach, FL 33444

PURCHASING DEPARTMENT

SOLICITATION SUMMARY

IMPORTANT NOTICE

The information you provide on this page will be read aloud at the PUBLIC OPENING for this Solicitation. It is VERY IMPORTANT that the summary information you provide below is exactly the same information contained in your Proposal. If subsequent to the opening of Proposals, the City determines that the information contained in the electronic version of your Proposal is different from the information on this Solicitation Summary, the City reserves the right to deem your Proposal NON-RESPONSIVE and remove your Proposal from further evaluation and consideration for contract award.

PROPOSAL INFORMATION

Proposal Number: RFQ No. 2019-020

Title: CEI Services for City Marina

Due Date and Time: February 20, 2019 by 2:00 p.m., ET

Name of Proposer: Wantman Group, Inc.

Address: 2035 Vista Parkway; West Palm Beach, FL 33411

Contact Person: Brian C. Rheault, PE | Vice President, Structural Solutions | Project Principal

Authorized Signature: 

Date: February 19, 2019

By signing and submitting this Solicitation Summary, the Proposer affirms that the information provided above is an exact and correct summary of the information contained in the electronic version of the Proposer's Proposal to the City of Delray Beach.

THIS SOLICITATION SUMMARY MUST BE SIGNED AND INCLUDED AS AN ORIGINAL HARDCOPY IN THE ENVELOPE CONTAINING YOUR PROPOSAL OR SIGNED AND UPLOADED WITH YOUR SECURE ELECTRONIC PROPOSAL SUBMITTAL THROUGH WWW.BIDSYNC.COM.

END OF SECTION 11



TAB 1 | INTRODUCTION

City of Delray Beach
CEI Services for City Marina
RFQ No. 2019-020 | Project 16-098



Ryan Lingholm
Purchasing
City of Delray Beach
100 N.W. 1st Avenue
Delray Beach, FL 33444

RE: CEI SERVICES FOR CITY MARINA

Mr. Lingholm:

In a highly visible and sometimes scrutinized environment, municipal government agencies require timely and accurate information to effectively make the difficult decisions required daily. Therefore, it is imperative that those representing the City of Delray Beach are able to provide comprehensive services and have a clear understanding of how communication and technical knowledge are leveraged together to keep projects running smoothly and stakeholders informed.

Marinas and waterfront properties are unique facilities that require a skill set unlike typical bridge and roadway projects. Although many firms will highlight their capabilities for various components of this project, few will have the specific marina experience required to tie all aspects of this project together. **WGI** has both the design and CEI experience for marinas in Palm Beach County, and our long standing relationship with the City of Delray Beach sets us apart from our competitors.

Corrosion protection and usability are paramount to a successful marina. As marina engineers, understanding the design issue of each individual component allows our team to recognize the limitations and tolerances of pile installation and concrete components during the construction phase. Understanding and foreseeing potential problems before they occur only comes with experience and specific knowledge of marina and marine industry construction.

Because of our longstanding presence in the marine industry of over 30 years, we are familiar with many local contractors in southeastern Florida, and it is likely we have worked with the marine contractor who will be selected for construction of this project. This local knowledge of qualified marine contractors will provide the City with valuable insight going into the project and allow us to work with the contractor's strengths and weaknesses to create a positive work environment, one where the highest quality of work is executed in a timely manner—on schedule and within budget.

We have highlighted in our proposal, seven marina projects with equal or greater complexity to the City's proposed marina, as well as other comparable projects. These marinas were designed by our team members, who also provided construction inspection and administration. These projects were for various clients, including Palm Beach County, the Town of Jupiter, Pompano Beach, and several private clients. Each of these projects were constructed per the bid price, with only weather delays affecting the schedules.

WGI has a unique advantage on this project since we are the engineers of record for the City Marina. We will be able to resolve field and unforeseen conditions without the delay of waiting for formal RFI requests and will have nearly instantaneous response times to resolve field situations because of our cohesive design and inspection teams.

We understand that the City of Delray Beach has agreed it is not a conflict of interest for the engineer of record to also be the CEI consultant for this project. We believe this is a significant decision that the City recognized that **WGI** has the professionalism to properly complete this project without being conflicted, and for understanding there is no other team that will have a bigger stake in wanting this project to be completed successfully, per the contract documents.

WGI is committed to providing the best service to the City of Delray Beach and is in the best position to do so, as a result of our team's knowledge of the design intent, coupled with our experience in the marine industry and our desire to produce a successful project for the City.

Tim DeLand, PE, will serve as the project manager and CEI senior project engineer, as well as being the City's primary point of contact. Tim is ideal for this position because of his extensive marina experience, as well as being the engineer of record, having worked on this marina project from the beginning. **Brian Rheault, PE**, will serve as the project principal for this project. In addition, he will back up Tim, ensuring a seamless transition if an emergency necessitates an alternate contact. We will utilize the talents of **Jennifer Hofmeister, AICP, CS**, our public information officer, who will work with the City extensively to create information bulletins, staff a hotline, manage social media pushes, and create a website specific to this project. Jennifer also will organize community outreach meetings to address the public's concerns and distribute credible and accurate information regarding schedules.

WGI's CEI team includes the depth and experience of **Tom Mueller, PE**, who will serve as the CEI project administrator. His recent CEI experience with the City of Delray Beach and knowledge of City protocols will allow the inspectors to concentrate on the field activities, while he manages submittals and pay applications. Tom will be supplemented by three experienced team members who are familiar with marine construction and the City's contracts. **WGI's** CEI team includes a seasoned marina inspector, **Tim Sherwood, BI**, who will have access to three additional qualified inspectors to increase forces on days when multiple activities dictate more than one inspector.

Our team is seasoned and has extensive knowledge of the City of Delray Beach, its contracts, and staff, as well as possessing the unique expertise required for construction of a successful marina. The **WGI** team is ready and committed to assisting the City of Delray Beach on this project and will deliver quality results!

Wantman Group, Inc.



Brian C. Rheault, PE/SI
VP, Structural Solutions
Project Principal



TAB 2 | TABLE OF CONTENTS

City of Delray Beach
CEI Services for City Marina
RFQ No. 2019-020 | Project 16-098



Table of Contents

Solicitation Summary

Tab 1: Introduction (p 1.1)

| | |
|------------------------|-----|
| Cover Letter | 1.1 |
|------------------------|-----|

Tab 2: Table of Contents (p 2.1)

Tab 3: Minimum Qualifications (p 3.1)

| | |
|---|-----|
| Florida Professional Engineer License - WGI | 3.1 |
| Florida Professional Engineer License - CEI Senior Project Engineer - Tim DeLand | 3.2 |
| Engineering Diploma - CEI Senior Project Engineer - Tim DeLand | 3.3 |
| Engineering Diploma - CEI Project Administrator/Project Engineer - Tom Mueller | 3.3 |
| Engineering Diploma - CEI Assistant Project Administrator/Project Engineer - Sasha Kishore | 3.4 |
| State of Florida Corporate Certificate - WGI. | 3.5 |

Tab 4: Proposers Information (p 4.1)

Proposers Information

| | |
|--|-----|
| a. Legal Name. | 4.1 |
| b. State of Incorporation | 4.1 |
| c. Ownership Structure | 4.1 |
| d. Federal Identification Number | 4.1 |
| e. Corporate Contact Information | 4.1 |
| f. Local Office Contact Information | 4.1 |
| g. Years in Business | 4.1 |
| h. List of Officers/Owners/Managers | 4.1 |
| i. Additional Organizational Information | 4.3 |
| j. Proposers Primary Representative | 4.3 |
| k. Proposers Secondary Representative | 4.3 |
| l. Ownership Changes | 4.3 |
| m. Company Principals | 4.4 |
| n. Litigation Information | 4.4 |

Tab 5: Experience (p 5.1)

| | |
|---------------------------------|-----|
| Proposed Project Team | 5.1 |
| Project Management. | 5.1 |
| Communication | 5.1 |



| | |
|--|-------------|
| Keys to Success | 5.1 |
| Repeat Business Based on Superior Work | 5.2 |
| Awards | 5.3 |
| SF 330 Part I, Section E - Resumes | |
| <i>Tim DeLand, PE</i> | <i>5.4</i> |
| <i>Brian Rheault, PE/SI</i> | <i>5.5</i> |
| <i>Jennifer Hofmeister, AICP, LCAM, CS</i> | <i>5.6</i> |
| <i>Tom Mueller, PE</i> | <i>5.7</i> |
| <i>Tim Sherwood, BI</i> | <i>5.8</i> |
| <i>Sasha Kishore, EI</i> | <i>5.9</i> |
| <i>Stephen Cherry, PE</i> | <i>5.10</i> |
| <i>Andre Smith, EI</i> | <i>5.11</i> |
| <i>Casey Dubois, EI</i> | <i>5.12</i> |
| <i>Dick Gallo</i> | <i>5.13</i> |
| <i>Andrew Youngross, PE</i> | <i>5.14</i> |
| WGI Staff Professional Engineer Licenses | 5.15 |
| TYEC Company/Staff Professional Engineer Licenses | 5.17 |
| WGI Staff Certifications/Other | 5.18 |

Tab 6: Example Projects & Reference Feedback (p 6.1)

| | |
|---|-------------|
| Project Reference | 6.1 |
| Example Projects | |
| <i>Atlantic Avenue Crosswalk Improvements</i> | <i>6.2</i> |
| <i>Pompano Beach Fishing Pier</i> | <i>6.3</i> |
| <i>Jupiter Inlet Village Marina</i> | <i>6.4</i> |
| <i>Frenchman's Harbor</i> | <i>6.5</i> |
| <i>Snook Island Boardwalks and Floating Docks</i> | <i>6.6</i> |
| <i>Guanabanas Seawall and Dock</i> | <i>6.7</i> |
| <i>Palm Harbor Marina</i> | <i>6.8</i> |
| <i>Spanish River Park</i> | <i>6.9</i> |
| <i>Lake Worth Pier</i> | <i>6.10</i> |
| <i>Harbour Isles Marina</i> | <i>6.11</i> |
| SF 330 Part I, Section G - Key Personnel Participation in Example Projects | 6.12 |

Tab 7: Organizational Structure (p 7.1)

| | |
|---|------------|
| SF 330 Part I, Section A-C - Solicitation/Team Information | 7.2 |
| SF 330 Part I, Section D - Organizational Chart | 7.3 |
| SF 330, Part II - General Qualifications - WGI | 7.4 |
| SF 330, Part II - General Qualifications - TYEC | 7.6 |
| Current/Projected Workload | 7.7 |
| WGI Commitment | 7.8 |

**Tab 8: Attachments (p 8.1)**

| | |
|---|-----|
| Acknowledgement of Addenda | 8.1 |
| Proposal Submittal Signature Page | 8.2 |
| Conflict of Interest Disclosure Form | 8.3 |
| Notification of Public Entity Crimes Law | 8.4 |
| Notification of Public Records Law | 8.5 |
| Drug-Free Work Place | 8.6 |
| Non-Collusion Affidavit | 8.7 |
| Truth In Negotiation Certificate | 8.8 |



TAB 3 | MINIMUM QUALIFICATIONS

City of Delray Beach
CEI Services for City Marina
RFQ No. 2019-020 | Project 16-098



Minimum Qualifications

WGI meets all requirements necessary for fulfilling this contract and is licensed by the Florida Department of Business & Professional Regulation as an engineering firm.

Our proposed CEI Senior Project Engineer, **Tim DeLand**, is a registered professional engineer (PE) in the state of Florida.

In addition, **WGI's** proposed CEI Senior Project Engineer, **Tim DeLand**, CEI Project Administrator/Project Engineer, **Tom Mueller**, and CEI Assistant Project Administrator/Project Engineer, **Sasha Kishore**, obtained civil engineering degrees.

All required registrations/licenses and proof of engineering degrees are provided in the following pages.

Note: As a full-service consulting firm, WGI also is licensed in the state of Florida in architecture, surveying and mapping, landscape architecture, and geology.

WGI Florida Professional Engineer License





WGI CEI Senior Project Engineer, Tim DeLand, Florida Professional Engineer License

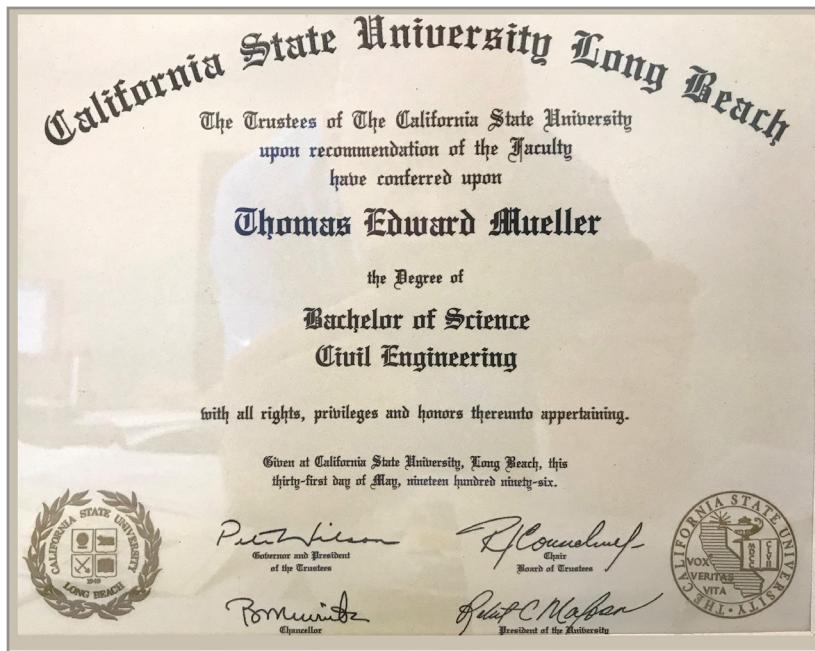




WGI CEI Senior Project Engineer, Tim DeLand, Engineering Diploma



WGI CEI Project Administrator/Project Engineer, Tom Mueller, Engineering Diploma





**WGI CEI Assistant Project Administrator/Project Engineer, Sasha Kishore,
Engineering Diploma**





WGI State of Florida Corporate Certificate

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, 2019, that its most recent annual report/uniform business report was filed on January 2, 2019, 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, 2019*



Ken Detzner

Secretary of State

Tracking Number: CC3806734775

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

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



TAB 4 | PROPOSERS INFORMATION

City of Delray Beach
CEI Services for City Marina
RFQ No. 2019-020 | Project 16-098



Proposers Information

a. Legal contracting name including any doing business as:

Wantman Group, Inc.

b. State of organization or incorporation:

Florida

c. Ownership structure of Proposer's company:

(e.g., Sole Proprietorship, Partnership, Limited Liability Corporation, Corporation)

Corporation

d. Federal Identification Number:

65-0271367

e. Contact information for Proposer's Corporate headquarters:

2035 Vista Parkway

West Palm Beach, FL 33411

(561) 687-2220

f. Contact information for Proposer's Local office (if any):

2035 Vista Parkway

West Palm Beach, FL 33411

(561) 687-2220

g. Years in business:

47 years | Founded in 1972; incorporated as Wantman Group, Inc. in 1991

h. List of officers, owners/partners, or managers of the firm. Include names, addresses, email addresses, and phone numbers:

| | |
|--|--|
| <p>David Wantman, PE <i>Chief Executive Officer</i> 2035 Vista Parkway West Palm Beach, FL 33411 david.wantman@wginc.com 561.687.2220</p> | <p>Greg Sauter, PE <i>President</i> 2035 Vista Parkway West Palm Beach, FL 33411 greg.sauter@wginc.com 561.687.2220</p> |
| <p>Joel Wantman, PE <i>Chairman of the Board</i> 2035 Vista Parkway West Palm Beach, FL 33411 joel.wantman@wginc.com 561.687.2220</p> | <p>Mario Echagarrua, PE <i>Executive Vice President, Chief Operating Officer</i> 2035 Vista Parkway West Palm Beach, FL 33411 mario.echagarrua@wginc.com 561.687.2220</p> |



| | |
|--|--|
| <p>Brian LaMotte, PE <i>Senior Vice President, Chief Marketing Officer</i> <i>2035 Vista Parkway West Palm Beach, FL 33411</i> <i>brian.lamotte@wginc.com 561.687.2220</i></p> | <p>Michael Davis <i>Senior Vice President, Chief Strategy Officer</i> <i>2035 Vista Parkway West Palm Beach, FL 33411</i> <i>michael.davis@wginc.com 561.687.2220</i></p> |
| <p>David Kent, CPA, <i>Chief Financial Officer</i> <i>2035 Vista Parkway West Palm Beach, FL 33411</i> <i>david.kent@wginc.com 561.687.2220</i></p> | <p>Nancy Clements, PE <i>Senior Vice President, Transportation</i> <i>2910 Maguire Road, Suite 2008 Ocoee, FL 34761</i> <i>nancy.clements@wginc.com 407.581.1221</i></p> |
| <p>Jeffrey Brophy, PLA <i>Vice President, P.L.A.C.E.</i> <i>2035 Vista Parkway West Palm Beach, FL 33411</i> <i>jeffrey.brophy@wginc.com 561.687.2220</i></p> | <p>Gary Cudney, PE <i>Senior Vice President, Parking Solutions</i> <i>5136 Lovers Lane, Suite 200 Kalamazoo, MI 49002</i> <i>gary.cudney@wginc.com 269.381.2222</i></p> |
| <p>Dale Lee Dowden, Jr, PE, LEED AP <i>Vice President, Central FL Regional Manager</i> <i>3111 W. Dr. Martin Luther King Jr. Blvd., Suite 375 </i> <i>Tampa, FL 33607</i> <i>lee.dowden@wginc.com 813.574.3190</i></p> | <p>Kathleen Fontaine <i>Vice President, Administration</i> <i>2035 Vista Parkway West Palm Beach, FL 33411</i> <i>kate.fontaine@wginc.com 561.687.2220</i></p> |
| <p>Andres Garganta, PE <i>Vice President, Miami Office Manager</i> <i>11401 SW 40th Street, Suite 455 Miami, FL 33165</i> <i>andres.garganta@wginc.com 305.533.0500</i></p> | <p>Jacob Gonzalez, PE <i>Vice President, Parking Solutions</i> <i>2929 Allen Parkway, Suite 200 Houston, TX 77019</i> <i>jacob.gonzalez@wginc.com 713.353.0008</i></p> |
| <p>Samuel Hall, PSM <i>Vice President, Geospatial</i> <i>2910 Maguire Road, Suite 2008 Ocoee, FL 34761</i> <i>sam.hall@wginc.com 407.581.1221</i></p> | <p>Robert Hanson, GISP <i>Vice President, Geospatial</i> <i>2035 Vista Parkway West Palm Beach, FL 33411</i> <i>robert.hanson@wginc.com 561.687.2220</i></p> |
| <p>Walter Kloss, PE <i>Vice President Transportation, Alternative Delivery</i> <i>4371 US Highway 17 South, Suite 203 </i> <i>Fleming Island, FL 32003</i> <i>walter.kloss@wginc.com 904.470.4503</i></p> | <p>Rob McConnell, PE, LEED Green Associate <i>Vice President, Parking Solutions</i> <i>14045 Ballantyne Corporate Place, Suite 380 </i> <i>Charlotte, NC 28277</i> <i>rob.mcconnell@wginc.com 704.716.8000</i></p> |
| <p>Brian Rheault, PE/SI <i>Vice President, Structural Solutions</i> <i>2035 Vista Parkway West Palm Beach, FL 33411</i> <i>brian.rheault@wginc.com 561.687.2220</i></p> | <p>Cindy Sachnoff <i>Vice President, Human Resources</i> <i>2035 Vista Parkway West Palm Beach, FL 33411</i> <i>cindy.sachnoff@wginc.com 561.687.2220</i></p> |
| <p>Will Schnier, PE <i>Vice President</i> <i>2929 Allen Parkway, Suite 200 Austin, TX 78702</i> <i>will.schnier@wginc.com 512.669.5560</i></p> | <p>Raymond Smith, PE <i>Vice President, Parking Solutions Operations</i> <i>8910 Purdue Road, Suite 400 Indianapolis, IL 45268</i> <i>raymond.smith@wginc.com 317.735.3349</i></p> |



| | |
|--|---|
| Matthew Stewart, PE <i>Vice President</i> <i>2929 Allen Parkway, Suite 200 Austin, TX 78702</i> <i>matthew.stewart@wginc.com 512.669.5560</i> | Barbara Stiles, CPSM <i>Vice President, Business Planning</i> <i>2910 Maguire Road, Suite 2008 Ocoee, FL 34761</i> <i>barbara.stiles@wginc.com 407.581.1221</i> |
| Ira Wolf <i>Vice President, Chief Information Officer</i> <i>2035 Vista Parkway West Palm Beach, FL 33411</i> <i>ira.wolf@wginc.com 561.687.2220</i> | |

i. Any additional organizational information that Proposer wishes to supply to augment its proposal

With 19 offices in six states, our 538 professionals serve an active client base in more than 30 states. **Wantman Group, Inc. (WGI)** is one of the most successful and fastest growing consulting firms in the nation. To support this growth, we have added additional corporate leadership and staff to better serve our existing and future clients, including the City of Delray Beach. In addition, we have made a corporate-wide investment in technology and training so that we can deliver our services efficiently and in the most cost-effective manner possible.

j. Contact information for Proposer's Primary representative during this RFQ process.

Brian Rheault, PE/SI

Project Principal

561.839.1711

brian.rheault@wginc.com

2035 Vista Parkway | West Palm Beach, FL 33411

k. Contact information for Proposer's Secondary representative during this RFQ process.

Tim DeLand, PE

Project Manager

561.839.1722

tim.deland@wginc.com

2035 Vista Parkway | West Palm Beach, FL 33411

l. Provide details of any ownership changes to Proposer's organization in the past three years or changes anticipated within six months of the Due Date and Time (e.g., mergers, acquisitions, changes in executive leadership).

WGI's acquisitions include:

- **Bridge Design Associates, Inc.** – July 1, 2015 (structural design)
- **Carl Walker, Inc.** – July 1, 2017 (parking solutions)
- **Big Red Dog, Inc.** – January 1, 2019 (civil, MEP, structural, traffic, and transportation engineering)

WGI's changes in executive leadership include:

- **Greg Sauter, PE** – President
- **David Wantman, PE** – Chief Executive Officer

In the next six months, we do not anticipate any mergers/acquisitions or changes in executive leadership.



m. Provide the names of the persons who are principals of the company.

- **David Wantman, PE**, Chief Executive Officer
- **Greg Sauter, PE**, President
- **Joel Wantman, PE**, Chairman of the Board
- **Mario Echagarrua, PE**, Executive Vice President, Chief Operating Officer
- **Brian LaMotte, PE**, Senior Vice President, Chief Marketing Officer
- **Michael Davis**, Senior Vice President, Chief Strategy Officer
- **Nancy Clements, PE**, Senior Vice President, Transportation
- **Gary Cudney, PE**, Senior Vice President, Parking Solutions
- **David Kent, CPA**, Chief Financial Officer

n. Provide information on any lawsuits pending or any judgments, in the last five (5) years, which are concerned directly with the firm, the staff, or any part of the Proposer's organization, which are proposed to perform on this contract.

No licensure, disciplinary, or debarment proceedings settled or pending have been applied to or administered against Wantman Group, Inc. A summary of any litigation filed in the past five years is provided below.

| CASE | SUMMARY | STATUS |
|---|---|---------------------------------|
| Active Cases | | |
| 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 |
| Resolved Cases | | |
| Genovese v. FDOT, et al. | Traffic accident on Kings Highway | Dismissed with prejudice (2018) |
| Astaphan v. Ranger Construction, Bob's Barricades, WGI, et al. | Traffic accident on I-95 | Dismissed with prejudice (2018) |
| 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) |



TAB 5 | EXPERIENCE

City of Delray Beach
CEI Services for City Marina
RFQ No. 2019-020 | Project 16-098



Experience

Proposed Project Team

WGI's team will consist of **Tim DeLand, PE**, as the project manager and CEI senior project engineer. Tim is the engineer of record for the City's seawall, marginal docks, and floating docks project and will oversee this CEI project and serve as the single point of contact for the City of Delray Beach. **Tom Mueller, PE**, will be the CEI project administrator and project engineer. Tom is the engineer of record for the civil and upland portions of the marina and primarily will be responsible for progress updates, shop drawing administration, and upkeep of project documentation. **Sasha Kishore, EI**, will be the assistant project administer and project engineer, as support to Tom Mueller. **Stephen Cherry, PE**, will be the contract support specialist for this project, supporting the project administrator. **Tim Sherwood, BI**, will serve as the CEI senior inspector, and will be joined by **Dick Gallo, Andre Smith, EI**, and **Casey Dubois, EI**, as CEI inspectors. Tim Sherwood and Dick Gallo also will be the resident full-time project representativesinspectors, who will report to Tim DeLand and Tom Mueller. **Brian Rheault, PE**, will be the project principal, responsible for overseeing the entire team and overall project delivery. **Andrew Younggross, PE**, with *Thomson & Younggross Engineering Consultants (TYEC)*, will be the electrical subconsultant responsible for overseeing all electrical aspects of the project.

Project Management

WGI will take full responsibility for all project management, peer review, and quality control tasks, as well as overall accountability for this project. Our CEI Project Administrator, Tom Mueller, has successfully managed contracts for numerous municipalities and his work has been performed on challenging schedules with multiple tasks and competing deadlines. He is accustomed to handling concurrent assignments and has successful delivered numerous high quality services to our clients. **WGI** uses several programs, including Microsoft Project, Bentley ProjectWise, and Deltek Vision to assist with keeping our projects organized, on track, and updated for billing purposes. These programs are used by a large percentage of *Engineering News Record's (ENR)* Top 100 Design Firms. Tom has full access to pull reports at any time for the City and for monitoring expenses versus work product.

Communication

It is critical to maintain clear lines of communication at all times over the duration of the project to keep it on schedule and within budget. Our philosophy is to always be in contact with our clients, through e-mails, regularly scheduled meetings, and telephone conversations. Keeping the City informed is paramount to a successful project. If issues arise in the design, permitting, or construction phases of a project—and lines of communication are kept open—these issues can be identified and quickly resolved. Our CEI project administrator and project manager will schedule time to meet and discuss this project on a regular basis and can schedule more frequent meetings should an issue develop.

Keys to Success

Our project manager is supported by experienced technical and support staff, as well as an array of field and office technology necessary to meet any schedule. We use Deltek Vision, Microsoft Project, and Bentley ProjectWise to assist in keeping projects organized for on time submittals and update construction costs for budgetary purposes. ProjectWise streamlines team collaboration and manages engineering and construction documents in a common data environment. Vision helps us manage every aspect of the project life cycle. Project managers face the difficult challenge of bringing



projects in on time, with the highest level of profitability. In order to ensure the right resources are assigned to the right projects at the right time, we use Vision and other tools to get a real-time picture of our capacity and utilization across the firm. With full visibility over a project, our project manager can make key decisions and adjustments before it's too late. Our video conferencing capabilities, WebEx teleconference capabilities, and ProjectWise file sharing allow our team members to seamlessly coordinate with other offices, subconsultants, various agencies, and the client.

WGI staff is capable of providing technical review for structural shop drawing, all pile-driving logs, concrete test results, and other applicable structural certifications. In addition, our subconsultant for electrical and mechanical, **TYEC**, will provide the necessary MEP services from their local offices, as required. **WGI** will conduct regular meetings and provide customary services to administer the project and provide close-out services, including punch lists, as-built plans, and providing close-out data in an electronic format based in current AutoCAD format and PDF files, as required.

Repeat Business Based on Superior Work

The best way to prove our past performance is to provide a summary of our recurring clients and pattern of recurring projects. High quality deliverables bring repeat work. Clients do not return to engineering firms with poor performance or low-quality work. **WGI** has a significant base of clients who continually assign new projects to us, either on a continuing contract basis or by awarding contracts based on our outstanding qualifications.

For example, during the past three years the following clients have awarded contracts to **WGI**:

- Palm Beach County, FL (15+ projects)
- City of Delray Beach, FL (5 projects)
- City of Lake Worth, FL (5 projects)
- City of Pompano Beach, FL (5 projects)
- Town of Jupiter, FL (4 projects)
- Florida Department of Environmental Protection Agency (2 projects)

Each of these projects were marine or bridge-related infrastructure projects completed for state, county, or local city governments. All were taxpayer-funded projects and have an aggregate value of nearly \$100M. Our repeat client base and confidence we enjoy from our current clients, is evidence of our reputation for expertise and understanding of client needs, as well as the quality service we consistently provide.

WGI associates share a common dedication to the quality work products they deliver. Growing professionally and finding satisfaction in our work produces higher quality products for our clients. **WGI** has distilled that belief into a shared mission applied to everything we do:

To exceed client expectations by providing an unsurpassed consulting experience through responsiveness and the quality of our services, while also creating a work environment that is rewarding to all.

Another testament to good, consistent service is substantiated by our stable workforce and years of service they have with the firm. We have a number of personnel assigned to this team who have been with **WGI** for an extended period of time. These include:

- **Brian Rheault, PE/SI** (33 years)
- **Tim DeLand, PE** (14 years)
- **Tim Sherwood, BI** (15 years)
- **Sasha Kishore, EI** (18 years)
- **Stephen Cherry, PE** (7 years)



Awards

WGI has received numerous awards for its projects and people. Accolades received in recent years include:

- 2019 American Council of Engineering Companies Florida Engineering Excellence Honor Award, Surveying and Mapping Technology: **Main Street Bridge Emergency Design-Build Historical Restoration, Jacksonville, FL**
- 2018 Florida Transportation Builders Association Best in Construction Interstate Award: **SR 93/I-75 Managed Lanes from South of Miramar Parkway to South of Sheridan Street**
- 2018 Florida Region Design-Build Institute of America (DBIA) Honor Award, Transportation and Roadways: **PGA Boulevard Reconstruction Design-Build, Palm Beach County, FL**
- 2018 Design-Build Institute of America (DBIA) National Award of Merit, Rehabilitation, Renovation/Restoration: **Main Street Bridge Emergency Design-Build Historical Restoration, Jacksonville, FL**
- 2018 Design-Build Institute of America (DBIA) National Award of Excellence, Rehabilitation/Renovation/Restoration: **Main Street Bridge Emergency Design-Build Historical Restoration, Jacksonville, FL**
- 2017 Florida Transportation Builders Association, Best in Construction: **SR 710 (Beeline Highway) Reconstruction, Palm Beach County, FL**
- 2017 Florida Transportation Builders Association, Best in Construction: **I-75 Widening, Sumter County, FL**
- 2017 Florida Region Design-Build Institute of America (DBIA) Merit Award, Transportation and Roadways: **I-75 (SR 93) Improvements from North of Hernando County Line to South of CR 470, Hernando/Sumter Counties, FL**
- 2017 Florida Region Design-Build Institute of America (DBIA Florida) Honor Award, Rehabilitation/Renovation/Restoration: **Main Street Design-Build, Jacksonville, FL**
- 2016 Florida Region Design-Build Institute of America (DBIA Florida) Honor Award: **US 41 from SR 951 to Greenway Road, Collier County, FL**
- 2018 Zweig Group Hot Firms List: **Ranked #11**
- 2018 Zweig Group Best Firms to Work For: **Ranked #23**
- 2018 *South Florida Business Journal* Top 25 Engineering Firms: **Ranked #5 (ranked by number of engineers)**
- 2018 *Inc5000*: **Ranked #4,380**
- 2018 Florida ASLA Award of Honor Institutional Category: **Mounts Windows on the Floating World**
- 2018 *ENR* Top Southeast Design Firms: **Ranked #24**
- 2018 *ENR* Top 500 Design Firms: **Ranked #250**
- 2018 *ENR* Florida: **Ranked #10**
- 2017 University of Florida, Gator 100 Fastest Growing Companies: **Ranked #29**
- 2017 *South Florida Business Journal* Fast 50 Honoree: **Ranked #16**

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

| | | | | | | |
|---|---|--|---|---|---|--|
| <p>12. NAME Tim DeLand, PE</p> | <p>13. ROLE IN THIS CONTRACT Project Manager/ CEI Senior Project Engineer</p> | <p>14. YEARS EXPERIENCE a. TOTAL 14 b. WITH CURRENT FIRM 14</p> | | | | |
| <p>15. FIRM NAME AND LOCATION (<i>City and State</i>) Wantman Group, Inc., West Palm Beach, FL</p> | | | | | | |
| <p>16. EDUCATION (<i>DEGREE AND SPECIALIZATION</i>) Bachelor of Science, Civil Engineering, Michigan Technological University, 2005</p> | | <p>17. CURRENT PROFESSIONAL REGISTRATION (<i>STATE AND DISCIPLINE</i>) Professional Engineer: Florida, 71588, 2010</p> | | | | |
| <p>18. OTHER PROFESSIONAL QUALIFICATIONS (<i>Publications, Organizations, Training, Awards, etc.</i>) Tim has extensive experience in structural engineering, including structural design of buildings, retaining walls and seawalls. He performs plan reviews for ARC 4496 compliance, as well as field inspections of various structures.</p> | | | | | | |
| <p>19. RELEVANT PROJECTS [Relevant Projects:]</p> | | | | | | |
| <p>a.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (<i>City and State</i>) Pompano Beach Fishing Pier Replacement Project CEI Broward County, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (<i>If Applicable</i>) Ongoing</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. CEI Services. WGI designed an 864-foot long replacement fishing pier for the City of Pompano Beach. The pier's walking surface will remain approx. 20 feet wide up to the mean high water line. Beyond this, the deck widens to 30 feet to the east end of the pier. The end of the structure was designed to resemble the head of a pompano fish, similar to the City's logo. Amenities on the pier include shade structures, electrical outlets for maintenance, fresh water hose bibs, and fish gutting stations. Design includes lighting on the pier, which complies with environmental regulations for sea turtle-friendly lighting. The pier also will feature educational signs regarding manatee and turtle protection. The foundation of the pier will be constructed utilizing concrete piles and pile caps. The walking surface deck will use concrete beams with wood decking in between. In addition, WGI will design and submit for permitting a new "open-air" facility bait shop with power lighting to support freezer units to sell bait and rent fishing tackle.</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Pompano Beach Fishing Pier Replacement Project CEI Broward County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (<i>If Applicable</i>) Ongoing</p> | <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. CEI Services. WGI designed an 864-foot long replacement fishing pier for the City of Pompano Beach. The pier's walking surface will remain approx. 20 feet wide up to the mean high water line. Beyond this, the deck widens to 30 feet to the east end of the pier. The end of the structure was designed to resemble the head of a pompano fish, similar to the City's logo. Amenities on the pier include shade structures, electrical outlets for maintenance, fresh water hose bibs, and fish gutting stations. Design includes lighting on the pier, which complies with environmental regulations for sea turtle-friendly lighting. The pier also will feature educational signs regarding manatee and turtle protection. The foundation of the pier will be constructed utilizing concrete piles and pile caps. The walking surface deck will use concrete beams with wood decking in between. In addition, WGI will design and submit for permitting a new "open-air" facility bait shop with power lighting to support freezer units to sell bait and rent fishing tackle.</p> | |
| | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Pompano Beach Fishing Pier Replacement Project CEI Broward County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (<i>If Applicable</i>) Ongoing</p> | | | | |
| <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. CEI Services. WGI designed an 864-foot long replacement fishing pier for the City of Pompano Beach. The pier's walking surface will remain approx. 20 feet wide up to the mean high water line. Beyond this, the deck widens to 30 feet to the east end of the pier. The end of the structure was designed to resemble the head of a pompano fish, similar to the City's logo. Amenities on the pier include shade structures, electrical outlets for maintenance, fresh water hose bibs, and fish gutting stations. Design includes lighting on the pier, which complies with environmental regulations for sea turtle-friendly lighting. The pier also will feature educational signs regarding manatee and turtle protection. The foundation of the pier will be constructed utilizing concrete piles and pile caps. The walking surface deck will use concrete beams with wood decking in between. In addition, WGI will design and submit for permitting a new "open-air" facility bait shop with power lighting to support freezer units to sell bait and rent fishing tackle.</p> | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (<i>City and State</i>) Palm Harbor Marina Palm Beach County, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009 CONSTRUCTION (<i>If Applicable</i>) 2009</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. WGI provided structural engineering services for the pre-cast seawall with prestressed piles, pre-cast sheet walls, and cast-in-place cap, along with ADA-compliant floating docks at the Palm Harbor Marina, located in the heart of the Palm Beaches. In addition, we provided construction phase services, including shop drawing review, RFI responses, and attended preconstruction meetings and milestone meetings. WGI was on site during construction to observe construction activities, including concrete placement, pile installation, dock installation, and floating dock installation. WGI was engineer of record and CEI for this project.</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Palm Harbor Marina Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009 CONSTRUCTION (<i>If Applicable</i>) 2009</p> | <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. WGI provided structural engineering services for the pre-cast seawall with prestressed piles, pre-cast sheet walls, and cast-in-place cap, along with ADA-compliant floating docks at the Palm Harbor Marina, located in the heart of the Palm Beaches. In addition, we provided construction phase services, including shop drawing review, RFI responses, and attended preconstruction meetings and milestone meetings. WGI was on site during construction to observe construction activities, including concrete placement, pile installation, dock installation, and floating dock installation. WGI was engineer of record and CEI for this project.</p> | | |
| <p>(1) TITLE AND LOCATION (<i>City and State</i>) Palm Harbor Marina Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009 CONSTRUCTION (<i>If Applicable</i>) 2009</p> | | | | | |
| <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. WGI provided structural engineering services for the pre-cast seawall with prestressed piles, pre-cast sheet walls, and cast-in-place cap, along with ADA-compliant floating docks at the Palm Harbor Marina, located in the heart of the Palm Beaches. In addition, we provided construction phase services, including shop drawing review, RFI responses, and attended preconstruction meetings and milestone meetings. WGI was on site during construction to observe construction activities, including concrete placement, pile installation, dock installation, and floating dock installation. WGI was engineer of record and CEI for this project.</p> | | | | | | |
| <p>b.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (<i>City and State</i>) Guanabanas Seawall and Dock Palm Beach County, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2012 CONSTRUCTION (<i>If Applicable</i>) 2013</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. The Guanabanas Restaurant seawall and dock project included design of marginal and finger timber docks along the Jupiter River. The existing seawall was strengthened with riprap placement and a composite toe wall. We also provided construction phase services, including shop drawing review, RFI responses, and attending preconstruction and milestone meetings. WGI was on site during construction to observe construction activities, including pile installation and dock installation. WGI was the engineer of record and CEI for this project.</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Guanabanas Seawall and Dock Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2012 CONSTRUCTION (<i>If Applicable</i>) 2013</p> | <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. The Guanabanas Restaurant seawall and dock project included design of marginal and finger timber docks along the Jupiter River. The existing seawall was strengthened with riprap placement and a composite toe wall. We also provided construction phase services, including shop drawing review, RFI responses, and attending preconstruction and milestone meetings. WGI was on site during construction to observe construction activities, including pile installation and dock installation. WGI was the engineer of record and CEI for this project.</p> | |
| | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Guanabanas Seawall and Dock Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2012 CONSTRUCTION (<i>If Applicable</i>) 2013</p> | | | | |
| <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. The Guanabanas Restaurant seawall and dock project included design of marginal and finger timber docks along the Jupiter River. The existing seawall was strengthened with riprap placement and a composite toe wall. We also provided construction phase services, including shop drawing review, RFI responses, and attending preconstruction and milestone meetings. WGI was on site during construction to observe construction activities, including pile installation and dock installation. WGI was the engineer of record and CEI for this project.</p> | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (<i>City and State</i>) Snook Island Boardwalks and Floating Docks Palm Beach County, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2010 CONSTRUCTION (<i>If Applicable</i>) 2011</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. Structural design of floating docks, 200 LF of seawall, an L-shaped, six-foot wide fishing pier, and boardwalk with gazebo in an area of the Lake Worth Lagoon that was once a dead zone. The County's Snook Island project encouraged return of birds/marine life to the area, as well as manatees. WGI provided specs for new floating dock, as well as construction phase services, including calculations, RFI responses, and attending preconstruction/milestone meetings. We observed construction activities, including concrete placement, pile installation, dock installation, and floating dock installation and served as engineer of record and CEI for this project.</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Snook Island Boardwalks and Floating Docks Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2010 CONSTRUCTION (<i>If Applicable</i>) 2011</p> | <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. Structural design of floating docks, 200 LF of seawall, an L-shaped, six-foot wide fishing pier, and boardwalk with gazebo in an area of the Lake Worth Lagoon that was once a dead zone. The County's Snook Island project encouraged return of birds/marine life to the area, as well as manatees. WGI provided specs for new floating dock, as well as construction phase services, including calculations, RFI responses, and attending preconstruction/milestone meetings. We observed construction activities, including concrete placement, pile installation, dock installation, and floating dock installation and served as engineer of record and CEI for this project.</p> | | |
| <p>(1) TITLE AND LOCATION (<i>City and State</i>) Snook Island Boardwalks and Floating Docks Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2010 CONSTRUCTION (<i>If Applicable</i>) 2011</p> | | | | | |
| <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. Structural design of floating docks, 200 LF of seawall, an L-shaped, six-foot wide fishing pier, and boardwalk with gazebo in an area of the Lake Worth Lagoon that was once a dead zone. The County's Snook Island project encouraged return of birds/marine life to the area, as well as manatees. WGI provided specs for new floating dock, as well as construction phase services, including calculations, RFI responses, and attending preconstruction/milestone meetings. We observed construction activities, including concrete placement, pile installation, dock installation, and floating dock installation and served as engineer of record and CEI for this project.</p> | | | | | | |
| <p>c.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (<i>City and State</i>) Frenchman's Harbor North Palm Beach, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2011 CONSTRUCTION (<i>If Applicable</i>) 2013</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Design for three box culverts, two bridges, 7,500 LF of seawall, 3,200 LF of retaining wall, and wood docks for each lot. The site is environmentally sensitive, containing wetland and upland areas. To protect this, retaining wall was installed, dividing upland development from wetlands. Two man-made canals bisect the upland development, giving each lot a waterfront/access to Intracoastal Waterway. Canals required installation of seawall. An existing waterway flows through the site and an underwater box culvert separates the wetland waterway from the canal, allowing uninterrupted water flow without mixing the water bodies. We provided construction phase services, including shop drawing review, RFI responses, and preconstruction/milestone meetings. We were on site to observe construction, including concrete placement, pile installation, sheet pile installation, dock installation, bridge deck installation, and post tensioning. WGI was the engineer of record and CEI for this project.</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Frenchman's Harbor North Palm Beach, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2011 CONSTRUCTION (<i>If Applicable</i>) 2013</p> | <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Design for three box culverts, two bridges, 7,500 LF of seawall, 3,200 LF of retaining wall, and wood docks for each lot. The site is environmentally sensitive, containing wetland and upland areas. To protect this, retaining wall was installed, dividing upland development from wetlands. Two man-made canals bisect the upland development, giving each lot a waterfront/access to Intracoastal Waterway. Canals required installation of seawall. An existing waterway flows through the site and an underwater box culvert separates the wetland waterway from the canal, allowing uninterrupted water flow without mixing the water bodies. We provided construction phase services, including shop drawing review, RFI responses, and preconstruction/milestone meetings. We were on site to observe construction, including concrete placement, pile installation, sheet pile installation, dock installation, bridge deck installation, and post tensioning. WGI was the engineer of record and CEI for this project.</p> | |
| | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Frenchman's Harbor North Palm Beach, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2011 CONSTRUCTION (<i>If Applicable</i>) 2013</p> | | | | |
| <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Design for three box culverts, two bridges, 7,500 LF of seawall, 3,200 LF of retaining wall, and wood docks for each lot. The site is environmentally sensitive, containing wetland and upland areas. To protect this, retaining wall was installed, dividing upland development from wetlands. Two man-made canals bisect the upland development, giving each lot a waterfront/access to Intracoastal Waterway. Canals required installation of seawall. An existing waterway flows through the site and an underwater box culvert separates the wetland waterway from the canal, allowing uninterrupted water flow without mixing the water bodies. We provided construction phase services, including shop drawing review, RFI responses, and preconstruction/milestone meetings. We were on site to observe construction, including concrete placement, pile installation, sheet pile installation, dock installation, bridge deck installation, and post tensioning. WGI was the engineer of record and CEI for this project.</p> | | | | | | |
| <p>d.</p> | | | | | | |
| <p>e.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (<i>City and State</i>) Frenchman's Harbor North Palm Beach, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2011 CONSTRUCTION (<i>If Applicable</i>) 2013</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Design for three box culverts, two bridges, 7,500 LF of seawall, 3,200 LF of retaining wall, and wood docks for each lot. The site is environmentally sensitive, containing wetland and upland areas. To protect this, retaining wall was installed, dividing upland development from wetlands. Two man-made canals bisect the upland development, giving each lot a waterfront/access to Intracoastal Waterway. Canals required installation of seawall. An existing waterway flows through the site and an underwater box culvert separates the wetland waterway from the canal, allowing uninterrupted water flow without mixing the water bodies. We provided construction phase services, including shop drawing review, RFI responses, and preconstruction/milestone meetings. We were on site to observe construction, including concrete placement, pile installation, sheet pile installation, dock installation, bridge deck installation, and post tensioning. WGI was the engineer of record and CEI for this project.</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Frenchman's Harbor North Palm Beach, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2011 CONSTRUCTION (<i>If Applicable</i>) 2013</p> | <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Design for three box culverts, two bridges, 7,500 LF of seawall, 3,200 LF of retaining wall, and wood docks for each lot. The site is environmentally sensitive, containing wetland and upland areas. To protect this, retaining wall was installed, dividing upland development from wetlands. Two man-made canals bisect the upland development, giving each lot a waterfront/access to Intracoastal Waterway. Canals required installation of seawall. An existing waterway flows through the site and an underwater box culvert separates the wetland waterway from the canal, allowing uninterrupted water flow without mixing the water bodies. We provided construction phase services, including shop drawing review, RFI responses, and preconstruction/milestone meetings. We were on site to observe construction, including concrete placement, pile installation, sheet pile installation, dock installation, bridge deck installation, and post tensioning. WGI was the engineer of record and CEI for this project.</p> | |
| | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Frenchman's Harbor North Palm Beach, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2011 CONSTRUCTION (<i>If Applicable</i>) 2013</p> | | | | |
| <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Design for three box culverts, two bridges, 7,500 LF of seawall, 3,200 LF of retaining wall, and wood docks for each lot. The site is environmentally sensitive, containing wetland and upland areas. To protect this, retaining wall was installed, dividing upland development from wetlands. Two man-made canals bisect the upland development, giving each lot a waterfront/access to Intracoastal Waterway. Canals required installation of seawall. An existing waterway flows through the site and an underwater box culvert separates the wetland waterway from the canal, allowing uninterrupted water flow without mixing the water bodies. We provided construction phase services, including shop drawing review, RFI responses, and preconstruction/milestone meetings. We were on site to observe construction, including concrete placement, pile installation, sheet pile installation, dock installation, bridge deck installation, and post tensioning. WGI was the engineer of record and CEI for this project.</p> | | | | | | |

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

| | | | | | | |
|--|--|---|--|---|--|--|
| <p>12. NAME Brian Rheault, PE/SI</p> | <p>13. ROLE IN THIS CONTRACT Project Principal</p> | <p>14. YEARS EXPERIENCE a. TOTAL 36 b. WITH CURRENT FIRM 33</p> | | | | |
| <p>15. FIRM NAME AND LOCATION (City and State) Wantman Group, Inc., West Palm Beach, FL</p> | | | | | | |
| <p>16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Civil Engineering - Michigan Technological University, 1982</p> | | <p>17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer: Florida, 38797, 1987</p> | | | | |
| <p>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</p> <p>Brian is experienced in structural engineering, primarily in the South Florida area. He has been responsible for design, review, inspection, coordination, and management of construction projects. He has served as both project manager and design engineer for over 100 state and county bridges. He has provided engineering services in Palm Beach, Martin, Indian River, Lee, Duval, and Okeechobee Counties. He also oversees design and inspection of low-rise office buildings, pump stations, shopping centers and civic structures</p> | | | | | | |
| <p>19. RELEVANT PROJECTS [Relevant Projects:]</p> | | | | | | |
| <p>a.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (City and State) Pompano Beach Fishing Pier Replacement Project CEI Broward County, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2017 Ongoing</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>Project Principal. WGI designed an 864-foot long replacement fishing pier for the City of Pompano Beach. The pier's walking surface will remain approx. 20 feet wide up to the mean high water line. Once beyond this, the deck widens to 30 feet to the east end of the pier. The end of the structure was designed to resemble the head of a pompano fish, similar to the City's logo. Amenities on the pier include shade structures, electrical outlets for maintenance, fresh water hose bibs, and fish gutting stations. Design includes lighting on the pier, which complies with environmental regulations for sea turtle-friendly lighting. The pier also will feature educational signs regarding manatee and turtle protection. The foundation of the pier will be constructed utilizing concrete piles and pile caps. The walking surface deck will use concrete beams with wood decking in between. In addition, WGI will design and submit for permitting a new "open-air" facility bait shop with power lighting to support freezer units to sell bait and rent fishing</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (City and State) Pompano Beach Fishing Pier Replacement Project CEI Broward County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2017 Ongoing</p> | <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>Project Principal. WGI designed an 864-foot long replacement fishing pier for the City of Pompano Beach. The pier's walking surface will remain approx. 20 feet wide up to the mean high water line. Once beyond this, the deck widens to 30 feet to the east end of the pier. The end of the structure was designed to resemble the head of a pompano fish, similar to the City's logo. Amenities on the pier include shade structures, electrical outlets for maintenance, fresh water hose bibs, and fish gutting stations. Design includes lighting on the pier, which complies with environmental regulations for sea turtle-friendly lighting. The pier also will feature educational signs regarding manatee and turtle protection. The foundation of the pier will be constructed utilizing concrete piles and pile caps. The walking surface deck will use concrete beams with wood decking in between. In addition, WGI will design and submit for permitting a new "open-air" facility bait shop with power lighting to support freezer units to sell bait and rent fishing</p> | |
| | <p>(1) TITLE AND LOCATION (City and State) Pompano Beach Fishing Pier Replacement Project CEI Broward County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2017 Ongoing</p> | | | | |
| <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>Project Principal. WGI designed an 864-foot long replacement fishing pier for the City of Pompano Beach. The pier's walking surface will remain approx. 20 feet wide up to the mean high water line. Once beyond this, the deck widens to 30 feet to the east end of the pier. The end of the structure was designed to resemble the head of a pompano fish, similar to the City's logo. Amenities on the pier include shade structures, electrical outlets for maintenance, fresh water hose bibs, and fish gutting stations. Design includes lighting on the pier, which complies with environmental regulations for sea turtle-friendly lighting. The pier also will feature educational signs regarding manatee and turtle protection. The foundation of the pier will be constructed utilizing concrete piles and pile caps. The walking surface deck will use concrete beams with wood decking in between. In addition, WGI will design and submit for permitting a new "open-air" facility bait shop with power lighting to support freezer units to sell bait and rent fishing</p> | | | | | | |
| <p>b.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (City and State) Spanish River Park Palm Beach County, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2014 2014</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>Project Manager. WGI provided structural design and detailing for this seven-slip boat marina, including a seawall and floating dock system for day boaters, as well as a kayak launch at this 94.4-acre Spanish River Park in Boca Raton.</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (City and State) Spanish River Park Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2014 2014</p> | <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>Project Manager. WGI provided structural design and detailing for this seven-slip boat marina, including a seawall and floating dock system for day boaters, as well as a kayak launch at this 94.4-acre Spanish River Park in Boca Raton.</p> | |
| | <p>(1) TITLE AND LOCATION (City and State) Spanish River Park Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2014 2014</p> | | | | |
| <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>Project Manager. WGI provided structural design and detailing for this seven-slip boat marina, including a seawall and floating dock system for day boaters, as well as a kayak launch at this 94.4-acre Spanish River Park in Boca Raton.</p> | | | | | | |
| <p>c.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (City and State) Guanabanas Seawall and Dock Palm Beach County, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2012 2013</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>Project Manager. The Guanabanas Restaurant seawall and dock project included design of marginal and finger timber docks along the Jupiter River. The existing seawall was strengthened with riprap placement and a composite toe wall. We also provided construction phase services, including shop drawing review, RFI responses, and attending preconstruction and milestone meetings. WGI was on site during construction to observe construction activities, including pile installation and dock installation. WGI was the engineer of record and CEI for this project</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (City and State) Guanabanas Seawall and Dock Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2012 2013</p> | <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>Project Manager. The Guanabanas Restaurant seawall and dock project included design of marginal and finger timber docks along the Jupiter River. The existing seawall was strengthened with riprap placement and a composite toe wall. We also provided construction phase services, including shop drawing review, RFI responses, and attending preconstruction and milestone meetings. WGI was on site during construction to observe construction activities, including pile installation and dock installation. WGI was the engineer of record and CEI for this project</p> | |
| | <p>(1) TITLE AND LOCATION (City and State) Guanabanas Seawall and Dock Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2012 2013</p> | | | | |
| <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>Project Manager. The Guanabanas Restaurant seawall and dock project included design of marginal and finger timber docks along the Jupiter River. The existing seawall was strengthened with riprap placement and a composite toe wall. We also provided construction phase services, including shop drawing review, RFI responses, and attending preconstruction and milestone meetings. WGI was on site during construction to observe construction activities, including pile installation and dock installation. WGI was the engineer of record and CEI for this project</p> | | | | | | |
| <p>d.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (City and State) Jupiter Inlet Village Marina Palm Beach County, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2010 2011</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>Project Manager. Inlet Village Marina was developed as a phased project. The Town of Jupiter acquired the land, north of Indiantown Road on an oxbow of the Loxahatchee River. Phase I included a new seawall and docking facility. WGI provided structural design and detailing for two five-foot by 30-foot, ADA-compliant, fixed docks, and aluminum barrier railing along the seawall. Additional improvements included site parking and amenities such as restrooms and picnic areas. We also provided construction phase services, including shop drawing review, RFI responses, and attending preconstruction/milestone meetings. WGI observed construction activities, including pile installation, dock installation, and floating dock installation. WGI was EOR and CEI.</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (City and State) Jupiter Inlet Village Marina Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2010 2011</p> | <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>Project Manager. Inlet Village Marina was developed as a phased project. The Town of Jupiter acquired the land, north of Indiantown Road on an oxbow of the Loxahatchee River. Phase I included a new seawall and docking facility. WGI provided structural design and detailing for two five-foot by 30-foot, ADA-compliant, fixed docks, and aluminum barrier railing along the seawall. Additional improvements included site parking and amenities such as restrooms and picnic areas. We also provided construction phase services, including shop drawing review, RFI responses, and attending preconstruction/milestone meetings. WGI observed construction activities, including pile installation, dock installation, and floating dock installation. WGI was EOR and CEI.</p> | |
| | <p>(1) TITLE AND LOCATION (City and State) Jupiter Inlet Village Marina Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2010 2011</p> | | | | |
| <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>Project Manager. Inlet Village Marina was developed as a phased project. The Town of Jupiter acquired the land, north of Indiantown Road on an oxbow of the Loxahatchee River. Phase I included a new seawall and docking facility. WGI provided structural design and detailing for two five-foot by 30-foot, ADA-compliant, fixed docks, and aluminum barrier railing along the seawall. Additional improvements included site parking and amenities such as restrooms and picnic areas. We also provided construction phase services, including shop drawing review, RFI responses, and attending preconstruction/milestone meetings. WGI observed construction activities, including pile installation, dock installation, and floating dock installation. WGI was EOR and CEI.</p> | | | | | | |
| <p>e.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (City and State) Snook Island Boardwalks and Floating Docks Palm Beach County, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2010 2011</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>Project Manager. Structural design of floating docks, 200 LF of seawall, an L-shaped, six-foot wide fishing pier, and boardwalk with gazebo in an area of the Lake Worth Lagoon that was once a dead zone. The County's Snook Island project encouraged return of birds/marine life to the area, as well as manatees. WGI provided specs for new floating dock, as well as construction phase services, including calculations, RFI responses, and attending preconstruction/milestone meetings. We observed construction activities, including concrete placement, pile installation, dock installation, and floating dock installation and served as engineer of record and CEI for this project.</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (City and State) Snook Island Boardwalks and Floating Docks Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2010 2011</p> | <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>Project Manager. Structural design of floating docks, 200 LF of seawall, an L-shaped, six-foot wide fishing pier, and boardwalk with gazebo in an area of the Lake Worth Lagoon that was once a dead zone. The County's Snook Island project encouraged return of birds/marine life to the area, as well as manatees. WGI provided specs for new floating dock, as well as construction phase services, including calculations, RFI responses, and attending preconstruction/milestone meetings. We observed construction activities, including concrete placement, pile installation, dock installation, and floating dock installation and served as engineer of record and CEI for this project.</p> | |
| | <p>(1) TITLE AND LOCATION (City and State) Snook Island Boardwalks and Floating Docks Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2010 2011</p> | | | | |
| <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>Project Manager. Structural design of floating docks, 200 LF of seawall, an L-shaped, six-foot wide fishing pier, and boardwalk with gazebo in an area of the Lake Worth Lagoon that was once a dead zone. The County's Snook Island project encouraged return of birds/marine life to the area, as well as manatees. WGI provided specs for new floating dock, as well as construction phase services, including calculations, RFI responses, and attending preconstruction/milestone meetings. We observed construction activities, including concrete placement, pile installation, dock installation, and floating dock installation and served as engineer of record and CEI for this project.</p> | | | | | | |

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

| | | | |
|---|--|--|--|
| 12. NAME Jennifer Hofmeister, AICP, LCAM, CS | 13. ROLE IN THIS CONTRACT Public Information Officer | 14. YEARS EXPERIENCE a. TOTAL 24 b. WITH CURRENT FIRM 3 | |
| 15. FIRM NAME AND LOCATION (City and State) Wantman Group, Inc., West Palm Beach, FL | | | |
| 16. EDUCATION (DEGREE AND SPECIALIZATION) Master Degree in Urban and Regional Planning, Fla. Atlantic University, 1993 Bachelor of Science, Sociology, Fla. State University, 1990 | | 17. CURRENT PROFESSIONAL REGISTRATION (STATE/ DISCIPLINE) N/A | |
| 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Institute of Certified Planners: Florida #017005, 2001, Licensed Community Association Manager, CAM42973 and Certification in the National Charrette Institute. Jennifer has extensive experience in urban and regional planning. Her career began in parks/greenways planning in Miami-Dade County. Subsequent positions included neighborhood/current planning for the City of Delray Beach and Broward County and comprehensive planning for Broward County Planning Council and City of Boca Raton. While at the City of Boca Raton, she wrote the Evaluation and Appraisal Report and was lead planner for policy and managing City staff/outside consultants during preparation of Comprehensive Plan Amendments. | | | |
| 19. RELEVANT PROJECTS [Relevant Projects:] | | | |
| a. | (1) TITLE AND LOCATION (City and State) City Marina Civil Improvements, Delray Beach Marina Palm Beach County/Delray Beach, FL | | (2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (If Applicable) Ongoing |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Public Involvement Manager. As part of the on-going effort of the City of Delray Beach to correct structural deficiencies in their aging seawall system and to plan for rising sea level, WGI was awarded a contract in September 2016 to raise the seawall along the City Marina located on Marine Way between SE 1st Street and SE 2nd Street as well as provide boat dock improvements. This project extends the improvements to the land side of the Marina and provides for sidewalk, drainage, and access issues for the disabled that are impacted by raising the sea wall. The public outreach effort included the development of a Public Involvement Plan (PIP), a public design charrette, maintenance of a project website on the City's website that will allow residents and stakeholders to ask questions and receive responses via email during construction, and a hotline. | | <input type="checkbox"/> Check if project performed with current firm |
| b. | (1) TITLE AND LOCATION (City and State) Central Seacrest Utility Improvement Project Boynton Beach, FL | | (2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (If Applicable) 2019 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Public Relations Manager. Jennifer is leading the public outreach services for a design-build neighborhood improvement project located in the City of Boynton Beach, Florida. The scope within this boundary includes potable water main replacement, reclaimed water main extension, wastewater force main, storm sewer, landscaping, pavement overlay, the First Presbyterian Church parking lot and other miscellaneous improvements associated. The route of the wastewater force main portion of this project extends south crossing Woolbright Road, then southward along the east boundary of the East Water Treatment Plant Site, eastward crossing the FEC RR, eastward along SE 18 th Avenue, eastward across Federal Highway, eastward through a private commercial development, eastward across the Intracoastal Waterway, eastward through Ocean Ridge Yacht Club, and eastward ending in Chickasaw Avenue, a public street. Jennifer developed a PIP to manage the project website, hotline calls, attends monthly Forest Park neighborhood association meetings and overseeing the individual landscape plans for homeowners receiving relocated and/or replacement trees. | | <input type="checkbox"/> Check if project performed with current firm |
| c. | (1) TITLE AND LOCATION (City and State) Westgate CRA Streetscape Plan Palm Beach County, FL | | (2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 CONSTRUCTION (If Applicable) Ongoing |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Public Involvement Manager. The Westgate CRA was awarded a grant by the Department of Economic Opportunity to further a study on the streetscape design for the Westgate Avenue Corridor. The streetscape study prepared by WGI involved 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 the County, Palm Beach County TPA and Westgate CRA staff. Continuing service to the CRA included drafting a TPA grant that resulted in being awarded a \$2.5 million grant by the TPA. Jennifer is working on additional grant preparation and public outreach for local complete streets projects throughout the CRA. | | <input type="checkbox"/> Check if project performed with current firm |
| d. | (1) TITLE AND LOCATION (City and State) City of Lake Worth Neighborhood Streets Program Management Palm Beach County/City of Lake Worth, FL | | (2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 CONSTRUCTION (If Applicable) Ongoing |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Public Involvement Manager. Jennifer leads all public involvement activities and is responsible for gathering and disseminating all information to and from the City residents. WGI was contracted by the City of Lake Worth to provide program management services and support this \$40M Neighborhood Streets Program. Its objective is to improve the City's aging infrastructure. WGI's role includes management and coordination of consultants/contractors through planning, public outreach, design, bidding, and construction. WGI functions as a liaison between the City, consultants/contractors, residents, and other stakeholders. Program management responsibilities include oversight of scheduling activities, program costs, and technical performance of consultants/contractors to ensure the program meets the goals and objectives of the City. Oversight is provided through all project phases, including preparation of construction plans, contract bid documents, construction, and overall contract compliance. Public outreach responsibilities included the development of a PIP and the development and maintenance of program website that provides City officials, emergency services, and the community a place to review upcoming work, track progress and celebrate successes. Coordination of social media activities for the program and aerial photography and inspection using WGI drones or unmanned aerial vehicles (UAVs) is provided as well. | | <input type="checkbox"/> Check if project performed with current firm |

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

| | | | | | | |
|--|---|--|--|---|---|--|
| 12. NAME Tom Mueller, PE | 13. ROLE IN THIS CONTRACT CEI Project Administrator/ Project Engineer | 14. YEARS EXPERIENCE a. TOTAL 22 b. WITH CURRENT FIRM 2 | | | | |
| 15. FIRM NAME AND LOCATION (City and State) Wantman Group, Inc., West Palm Beach, FL | | | | | | |
| 16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Civil Engineering - California State University at Long Beach, 1996 | | 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer: Florida #58119, 2002 | | | | |
| 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Tom has more than two decades of experience specializing in private and public land development and utility infrastructure. His experience includes organizing and managing projects, from due diligence investigation through design and permitting to final construction certification, working closely with the client to meet their needs. His projects include roadway design, utility relocation, and small and large scale residential, commercial, and industrial developments. | | | | | | |
| 19. RELEVANT PROJECTS [Relevant Projects:] | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">(1) TITLE AND LOCATION (City and State) City Marina Civil Improvements, Delray Beach Marina Palm Beach County/Delray Beach, FL</td> <td style="width: 50%; padding: 5px; text-align: center;">(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2018 Ongoing</td> </tr> <tr> <td colspan="2" style="padding: 5px;">(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</td> </tr> </table> | | | (1) TITLE AND LOCATION (City and State) City Marina Civil Improvements, Delray Beach Marina Palm Beach County/Delray Beach, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2018 Ongoing | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | |
| (1) TITLE AND LOCATION (City and State) City Marina Civil Improvements, Delray Beach Marina Palm Beach County/Delray Beach, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2018 Ongoing | | | | | |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | | | | | | |
| a. | Project Manager. As part of the on-going effort of the City of Delray Beach to correct structural deficiencies in their aging seawall system and to plan for rising sea level, WGI was awarded a contract in September 2016 to raise the seawall along the City Marina located on Marine Way between SE 1st Street and SE 2nd Street as well as provide boat dock improvements. This project extends the improvements to the land side of the Marina and provides for sidewalk, drainage, and access issues for the disabled that are impacted by raising the sea wall. | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">(1) TITLE AND LOCATION (City and State) Old School Square HVAC Renovations Delray Beach, FL</td> <td style="width: 50%; padding: 5px; text-align: center;">(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2018 2019</td> </tr> <tr> <td colspan="2" style="padding: 5px;">(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</td> </tr> </table> | | | (1) TITLE AND LOCATION (City and State) Old School Square HVAC Renovations Delray Beach, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2018 2019 | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | |
| (1) TITLE AND LOCATION (City and State) Old School Square HVAC Renovations Delray Beach, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2018 2019 | | | | | |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | | | | | | |
| b. | Project Manager. Managed subconsultant for the design of replacement AC units for the Crest Theater and Field House. Assisted the City with bid solicitation documents, pre-bid meeting, and response to bidder questions. Provided Construction Administration Services that included organizing and facilitating construction progress meetings, managing and tracking shop drawing submittals, requests for Information from the Contractor, Work Order Directives (for use of contingency funds), periodic construction observations and substantial/final inspections; project schedules; review of Contractor Pay Applications; and compiling all construction documentation at completion of construction for City records. | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">(1) TITLE AND LOCATION (City and State) NE 2nd Avenue Roadway Restoration/Beautification Palm Beach County/Delray Beach, FL</td> <td style="width: 50%; padding: 5px; text-align: center;">(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2018 2019</td> </tr> <tr> <td colspan="2" style="padding: 5px;">(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</td> </tr> </table> | | | (1) TITLE AND LOCATION (City and State) NE 2nd Avenue Roadway Restoration/Beautification Palm Beach County/Delray Beach, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2018 2019 | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | |
| (1) TITLE AND LOCATION (City and State) NE 2nd Avenue Roadway Restoration/Beautification Palm Beach County/Delray Beach, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2018 2019 | | | | | |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | | | | | | |
| c. | Supervisor. WGI was lead design engineer for this Complete Street project, Phases I and II, working closely with the City, Delray Beach CRA, and FDOT on reconstruction/enhancements of this local arterial roadway in the City's historical district. Because a significant portion of funding is from FDOT's Local Agency Program (LAP), WGI was responsible for coordination/specific requirements for LAP-funded projects, ensuring all criteria/requirements were addressed and documented. The project's goal was to enhance the roadway with traffic calming features, including reduced traffic lanes, raised plateau intersections, paverbrick crosswalks, landscaped bulb-outs, and green-striped bicycle lanes to clearly designate lanes—a key requirement of LAP funding. Scope included roadway/drainage, survey, permitting, lighting, signing and striping, landscaping/ irrigation, and coordination of LAP documentation, including a Cultural Resource Assessment Study (CRAS) and Environmental Resource Assessment report that conformed to Federal Highway Administration (FHWA), Federal Transit Authority (FTA), and FDOT's Agency Operating Agreement. | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">(1) TITLE AND LOCATION (City and State) Marine Way and City Marina Structural Seawall Assessment Palm Beach County, FL</td> <td style="width: 50%; padding: 5px; text-align: center;">(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2919 N/A</td> </tr> <tr> <td colspan="2" style="padding: 5px;">(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</td> </tr> </table> | | | (1) TITLE AND LOCATION (City and State) Marine Way and City Marina Structural Seawall Assessment Palm Beach County, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2919 N/A | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | |
| (1) TITLE AND LOCATION (City and State) Marine Way and City Marina Structural Seawall Assessment Palm Beach County, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2919 N/A | | | | | |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | | | | | | |
| d. | Supervisor. Marine Way—This seawall is approximately 600 feet long and comprised of a rock rubble wall topped with a concrete cap. WGI observed the wall from the water and top side and created a photo log of conditions, including any failures/deficiencies and compiled observations/photos in a report. City Marina—The marina is approx. 704 feet long and surrounded by a concrete king pile wall with concrete sheet piles and concrete pile cap. It has nine pile support finger piers to access boats. WGI observed and directed investigation and identified concrete failures (spalling, exposed rebar and wall leaks) along the length of the wall. In addition, we observed conditions of the finger dock framing and supports and report deficiencies/failures encountered. | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">(1) TITLE AND LOCATION (City and State) Binks Pointe Pathway LAP Design Palm Beach County, FL</td> <td style="width: 50%; padding: 5px; text-align: center;">(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2018 2019</td> </tr> <tr> <td colspan="2" style="padding: 5px;">(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</td> </tr> </table> | | | (1) TITLE AND LOCATION (City and State) Binks Pointe Pathway LAP Design Palm Beach County, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2018 2019 | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | |
| (1) TITLE AND LOCATION (City and State) Binks Pointe Pathway LAP Design Palm Beach County, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2018 2019 | | | | | |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | | | | | | |
| e. | WGI was contracted by the Village of Wellington for design, permitting and bid support services for the construction of the Binks Pointe Pathway LAP Multi-Use Trail project. The project begins at Flying Cow Ranch Road on the west, crosses the C-1 Canal, and extends approximately 500 feet to the east (near the northeast corner of the FPL substation), in the Village of Wellington, Florida. The Village is proposing an eight-foot wide pedestrian bridge over the C-1 Canal. The bridge will be a single-span bridge approximately 80 feet in length. The multi-use trail from the bridge to the end of the project will be an eight-foot wide asphalt pathway. | | | | | |

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

| | | | |
|--|--|---|--|
| 12. NAME Timothy Sherwood, BI | 13. ROLE IN THIS CONTRACT CEI Senior Inspector | 14. YEARS EXPERIENCE a. TOTAL 26 b. WITH CURRENT FIRM 15 | |
| 15. FIRM NAME AND LOCATION (City and State) Wantman Group, Inc., West Palm Beach, FL | | | |
| 16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Arts, Business | | 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Florida, Building Inspector, FL, #BN4893, 2015 | |
| 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) ICC Commercial Building Inspector. Wind Mitigation Techniques & Training. ACI Concrete Field Testing Technician Grade I. Concrete Transportation Construction Inspector. Tim is responsible for the plan review and verification of field construction to the contract documents. | | | |
| 19. RELEVANT PROJECTS [Relevant Projects:] | | | |
| a. | (1) TITLE AND LOCATION (City and State) Pompano Beach Fishing Pier Replacement Project CEI Broward County, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2017 Ongoing | |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE CEI Inspector. WGI designed an 864-foot long replacement fishing pier for the City of Pompano Beach. The walking surface will remain 20 feet wide up to mean high water line. Beyond this, it widens to 30 feet to the end of the pier. The end of the structure was designed to resemble the head of a pompano fish, similar to the City's logo. Amenities on the pier include shade structures, electrical outlets for maintenance, fresh water hose bibs, and fish gutting stations. Design includes lighting on the pier, which complies with environmental regulations for sea turtle-friendly lighting. The pier also will feature educational signs regarding manatee and turtle protection. The foundation of the pier will be constructed utilizing concrete piles and pile caps. The walking surface deck will use concrete beams with wood decking in between. In addition, WGI will design and submit for permitting a new "open-air" facility bait shop with power lighting to support freezer units to sell bait and rent fishing tackle. | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| b. | (1) TITLE AND LOCATION (City and State) Guanabanas Seawall and Dock Palm Beach County, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2012 2013 | |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE CEI Inspector. The Guanabanas Restaurant seawall and dock project included design of marginal and finger timber docks along the Jupiter River. The existing seawall was strengthened with riprap placement and a composite toe wall. We also provided construction phase services, including shop drawing review, RFI responses, and attending preconstruction and milestone meetings. WGI was on site during construction to observe construction activities, including pile installation and dock installation. WGI was the engineer of record and CEI for this project | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| c. | (1) TITLE AND LOCATION (City and State) Jupiter Inlet Village Marina Palm Beach County, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2010 2011 | |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE CEI Inspector. Inlet Village Marina was developed as a phased project. The Town of Jupiter acquired the land, north of Indiantown Road on an oxbow of the Loxahatchee River. Phase I included a new seawall and docking facility. WGI provided structural design and detailing for two five-foot by 30-foot, ADA-compliant, fixed docks, and aluminum barrier railing along the seawall. Additional improvements included site parking and amenities such as restrooms and picnic areas. We also provided construction phase services, including shop drawing review, RFI responses, and attending preconstruction/milestone meetings. WGI observed construction activities, including pile installation, dock installation, and floating dock installation. WGI was EOR and CEI. | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| d. | (1) TITLE AND LOCATION (City and State) Snook Island Boardwalks and Floating Docks Palm Beach County, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2010 2011 | |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE CEI Inspector. Structural design of floating docks, 200 LF of seawall, an L-shaped, six-foot wide fishing pier, and boardwalk with gazebo in an area of the Lake Worth Lagoon that was once a dead zone. The County's Snook Island project encouraged return of birds/marine life to the area, as well as manatees. WGI provided specs for new floating dock, as well as construction phase services, including calculations, RFI responses, and attending preconstruction/milestone meetings. We observed construction activities, including concrete placement, pile installation, dock installation, and floating dock installation and served as engineer of record and CEI for this project. | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| e. | (1) TITLE AND LOCATION (City and State) Frenchman's Harbor North Palm Beach, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2011 2013 | |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE CEI Inspector. Design of three box culverts, two bridges, 7,500 LF of seawall, 3,200 LF of retaining wall, and wood docks at each lot. The site is environmentally sensitive, containing wetland and upland areas. To protect this, retaining wall was installed, dividing upland development from wetlands. Two man-made canals bisect the upland development, giving each lot a waterfront/access to Intracoastal Waterway. Canals required installation of seawall. An existing waterway flows through the site and an underwater box culvert separates the wetland waterway from the canal, allowing uninterrupted water flow without mixing the water bodies. We provided construction phase services, including shop drawing review, RFI responses, and preconstruction/milestone meetings. We were on site to observe construction, including concrete placement, pile installation, sheet pile installation, dock installation, bridge deck installation, and post tensioning. WGI was the engineer of record and CEI for this project. | <input checked="" type="checkbox"/> Check if project performed with current firm | |

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

| | | | | | | |
|---|---|---|---|--|---|--|
| <p>12. NAME Lachandai (Sasha) Kishore, EI</p> | <p>13. ROLE IN THIS CONTRACT CEI Assistant Project Administrator/Project Engineer</p> | <p>14. YEARS EXPERIENCE a. TOTAL 21 b. WITH CURRENT FIRM 18</p> | | | | |
| <p>15. FIRM NAME AND LOCATION (<i>City and State</i>) Wantman Group, Inc., West Palm Beach, FL</p> | | | | | | |
| <p>16. EDUCATION (<i>DEGREE AND SPECIALIZATION</i>) Bachelor of Science, Mechanical Engineering, Florida Institute of Technology, 1998</p> | | <p>17. CURRENT PROFESSIONAL REGISTRATION (<i>STATE AND DISCIPLINE</i>) Engineer Intern: FL #1100003780, 1998</p> | | | | |
| <p>18. OTHER PROFESSIONAL QUALIFICATIONS (<i>Publications, Organizations, Training, Awards, etc.</i>) ACI Concrete Field Testing Technician Grade I, Concrete Transportation Construction Inspector. Sasha manages WGI's construction phase services for structural projects. Her duties include processing RFI's and shop drawings, and handling schedules and coordination meetings. In addition to managing construction services, Sasha provides inspections for precast, pre-stressed, post-tensioned, and pile driving. She also provides support services to the engineers, including new product evaluations and cost comparisons to determine the most economical systems and products to utilize in our designs.</p> | | | | | | |
| <p>19. RELEVANT PROJECTS [Relevant Projects:]</p> | | | | | | |
| <p>a.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (<i>City and State</i>) Pompano Beach Fishing Pier Replacement Project CEI Broward County, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (<i>If Applicable</i>) Ongoing</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Construction Phase Services. WGI designed an 864-foot long replacement fishing pier for the City of Pompano Beach. The pier's walking surface will remain approx. 20 feet wide up to the mean high water line. Once beyond this, the deck widens to 30 feet to the east end of the pier. The end of the structure was designed to resemble the head of a pompano fish, similar to the City's logo. Amenities on the pier include shade structures, electrical outlets for maintenance, fresh water hose bibs, and fish gutting stations. Design includes lighting on the pier, which complies with environmental regulations for sea turtle-friendly lighting. The pier also will feature educational signs regarding manatee and turtle protection. The foundation of the pier will be constructed utilizing concrete piles and pile caps. The walking surface deck will use concrete beams with wood decking in between. In addition, WGI will design and submit for permitting a new "open-air" facility bait shop with power lighting to support freezer units to sell bait and rent fishing tackle.</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Pompano Beach Fishing Pier Replacement Project CEI Broward County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (<i>If Applicable</i>) Ongoing</p> | <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Construction Phase Services. WGI designed an 864-foot long replacement fishing pier for the City of Pompano Beach. The pier's walking surface will remain approx. 20 feet wide up to the mean high water line. Once beyond this, the deck widens to 30 feet to the east end of the pier. The end of the structure was designed to resemble the head of a pompano fish, similar to the City's logo. Amenities on the pier include shade structures, electrical outlets for maintenance, fresh water hose bibs, and fish gutting stations. Design includes lighting on the pier, which complies with environmental regulations for sea turtle-friendly lighting. The pier also will feature educational signs regarding manatee and turtle protection. The foundation of the pier will be constructed utilizing concrete piles and pile caps. The walking surface deck will use concrete beams with wood decking in between. In addition, WGI will design and submit for permitting a new "open-air" facility bait shop with power lighting to support freezer units to sell bait and rent fishing tackle.</p> | |
| | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Pompano Beach Fishing Pier Replacement Project CEI Broward County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (<i>If Applicable</i>) Ongoing</p> | | | | |
| <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Construction Phase Services. WGI designed an 864-foot long replacement fishing pier for the City of Pompano Beach. The pier's walking surface will remain approx. 20 feet wide up to the mean high water line. Once beyond this, the deck widens to 30 feet to the east end of the pier. The end of the structure was designed to resemble the head of a pompano fish, similar to the City's logo. Amenities on the pier include shade structures, electrical outlets for maintenance, fresh water hose bibs, and fish gutting stations. Design includes lighting on the pier, which complies with environmental regulations for sea turtle-friendly lighting. The pier also will feature educational signs regarding manatee and turtle protection. The foundation of the pier will be constructed utilizing concrete piles and pile caps. The walking surface deck will use concrete beams with wood decking in between. In addition, WGI will design and submit for permitting a new "open-air" facility bait shop with power lighting to support freezer units to sell bait and rent fishing tackle.</p> | | | | | | |
| <p><input checked="" type="checkbox"/> Check if project performed with current firm</p> | | | | | | |
| <p>b.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (<i>City and State</i>) Palm Harbor Marina Palm Beach County, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009 CONSTRUCTION (<i>If Applicable</i>) 2009</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Construction Phase Services. WGI provided structural engineering services for the pre-cast seawall with prestressed piles, pre-cast sheet walls, and cast-in-place cap, along with ADA-compliant floating docks at the Palm Harbor Marina, located in the heart of the Palm Beaches. We provided construction phase services, including shop drawing review, RFI responses, and attended preconstruction and milestone meetings. WGI was on site during construction to observe construction activities, including concrete placement, pile installation, dock installation, and floating dock installation. WGI was engineer of record and CEI for this project.</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Palm Harbor Marina Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009 CONSTRUCTION (<i>If Applicable</i>) 2009</p> | <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Construction Phase Services. WGI provided structural engineering services for the pre-cast seawall with prestressed piles, pre-cast sheet walls, and cast-in-place cap, along with ADA-compliant floating docks at the Palm Harbor Marina, located in the heart of the Palm Beaches. We provided construction phase services, including shop drawing review, RFI responses, and attended preconstruction and milestone meetings. WGI was on site during construction to observe construction activities, including concrete placement, pile installation, dock installation, and floating dock installation. WGI was engineer of record and CEI for this project.</p> | |
| | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Palm Harbor Marina Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2009 CONSTRUCTION (<i>If Applicable</i>) 2009</p> | | | | |
| <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Construction Phase Services. WGI provided structural engineering services for the pre-cast seawall with prestressed piles, pre-cast sheet walls, and cast-in-place cap, along with ADA-compliant floating docks at the Palm Harbor Marina, located in the heart of the Palm Beaches. We provided construction phase services, including shop drawing review, RFI responses, and attended preconstruction and milestone meetings. WGI was on site during construction to observe construction activities, including concrete placement, pile installation, dock installation, and floating dock installation. WGI was engineer of record and CEI for this project.</p> | | | | | | |
| <p><input checked="" type="checkbox"/> Check if project performed with current firm</p> | | | | | | |
| <p>c.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (<i>City and State</i>) Spanish River Park Palm Beach County, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2014 CONSTRUCTION (<i>If Applicable</i>) 2014</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. WGI provided structural design and detailing for this seven-slip boat marina, including a seawall and floating dock system for day boaters, as well as a kayak launch at this 94.4-acre Spanish River Park in Boca Raton.</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Spanish River Park Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2014 CONSTRUCTION (<i>If Applicable</i>) 2014</p> | <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. WGI provided structural design and detailing for this seven-slip boat marina, including a seawall and floating dock system for day boaters, as well as a kayak launch at this 94.4-acre Spanish River Park in Boca Raton.</p> | |
| | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Spanish River Park Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2014 CONSTRUCTION (<i>If Applicable</i>) 2014</p> | | | | |
| <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. WGI provided structural design and detailing for this seven-slip boat marina, including a seawall and floating dock system for day boaters, as well as a kayak launch at this 94.4-acre Spanish River Park in Boca Raton.</p> | | | | | | |
| <p><input checked="" type="checkbox"/> Check if project performed with current firm</p> | | | | | | |
| <p>d.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (<i>City and State</i>) Jupiter Inlet Village Marina Palm Beach County, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2010 CONSTRUCTION (<i>If Applicable</i>) 2011</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Construction Phase Services. The marina was developed as a phased project. The Town of Jupiter acquired the land, north of Indiantown Rd on an oxbow of the Loxahatchee River. Phase I included a new seawall and docking facility. WGI provided structural design and detailing for two five-foot by 30-foot, ADA-compliant, fixed docks, and aluminum barrier railing along the seawall. Additional improvements included site parking and amenities such as restrooms and picnic areas. We also provided construction phase services, including shop drawing review, RFI responses, and attending preconstruction/milestone meetings. WGI observed construction activities, including pile installation, dock installation, and floating dock installation. WGI was EOR and CEI.</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Jupiter Inlet Village Marina Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2010 CONSTRUCTION (<i>If Applicable</i>) 2011</p> | <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Construction Phase Services. The marina was developed as a phased project. The Town of Jupiter acquired the land, north of Indiantown Rd on an oxbow of the Loxahatchee River. Phase I included a new seawall and docking facility. WGI provided structural design and detailing for two five-foot by 30-foot, ADA-compliant, fixed docks, and aluminum barrier railing along the seawall. Additional improvements included site parking and amenities such as restrooms and picnic areas. We also provided construction phase services, including shop drawing review, RFI responses, and attending preconstruction/milestone meetings. WGI observed construction activities, including pile installation, dock installation, and floating dock installation. WGI was EOR and CEI.</p> | |
| | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Jupiter Inlet Village Marina Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2010 CONSTRUCTION (<i>If Applicable</i>) 2011</p> | | | | |
| <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Construction Phase Services. The marina was developed as a phased project. The Town of Jupiter acquired the land, north of Indiantown Rd on an oxbow of the Loxahatchee River. Phase I included a new seawall and docking facility. WGI provided structural design and detailing for two five-foot by 30-foot, ADA-compliant, fixed docks, and aluminum barrier railing along the seawall. Additional improvements included site parking and amenities such as restrooms and picnic areas. We also provided construction phase services, including shop drawing review, RFI responses, and attending preconstruction/milestone meetings. WGI observed construction activities, including pile installation, dock installation, and floating dock installation. WGI was EOR and CEI.</p> | | | | | | |
| <p><input checked="" type="checkbox"/> Check if project performed with current firm</p> | | | | | | |
| <p>e.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (<i>City and State</i>) Frenchman's Harbor North Palm Beach, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2011 CONSTRUCTION (<i>If Applicable</i>) 2013</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Construction Phase Services. Design of 3 box culverts, two bridges, 7,500 LF of seawall, 3,200 LF of retaining wall, and wood docks for each lot. The site is environmentally sensitive, containing wetland and upland areas. To protect this, retaining wall was installed, dividing upland development from wetlands. Two man-made canals bisect the upland development, giving each lot a waterfront/access to Intracoastal Waterway. Canals required installation of seawall. An existing waterway flows through the site and an underwater box culvert separates the wetland waterway from the canal, allowing uninterrupted water flow without mixing the water bodies. We provided construction phase services, including shop drawing review, RFI responses, and preconstruction/milestone meetings. We were on site to observe construction, including concrete placement, pile installation, sheet pile installation, dock installation, bridge deck installation, and post tensioning. WGI was the engineer of record and CEI for this project.</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Frenchman's Harbor North Palm Beach, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2011 CONSTRUCTION (<i>If Applicable</i>) 2013</p> | <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Construction Phase Services. Design of 3 box culverts, two bridges, 7,500 LF of seawall, 3,200 LF of retaining wall, and wood docks for each lot. The site is environmentally sensitive, containing wetland and upland areas. To protect this, retaining wall was installed, dividing upland development from wetlands. Two man-made canals bisect the upland development, giving each lot a waterfront/access to Intracoastal Waterway. Canals required installation of seawall. An existing waterway flows through the site and an underwater box culvert separates the wetland waterway from the canal, allowing uninterrupted water flow without mixing the water bodies. We provided construction phase services, including shop drawing review, RFI responses, and preconstruction/milestone meetings. We were on site to observe construction, including concrete placement, pile installation, sheet pile installation, dock installation, bridge deck installation, and post tensioning. WGI was the engineer of record and CEI for this project.</p> | |
| | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Frenchman's Harbor North Palm Beach, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2011 CONSTRUCTION (<i>If Applicable</i>) 2013</p> | | | | |
| <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Construction Phase Services. Design of 3 box culverts, two bridges, 7,500 LF of seawall, 3,200 LF of retaining wall, and wood docks for each lot. The site is environmentally sensitive, containing wetland and upland areas. To protect this, retaining wall was installed, dividing upland development from wetlands. Two man-made canals bisect the upland development, giving each lot a waterfront/access to Intracoastal Waterway. Canals required installation of seawall. An existing waterway flows through the site and an underwater box culvert separates the wetland waterway from the canal, allowing uninterrupted water flow without mixing the water bodies. We provided construction phase services, including shop drawing review, RFI responses, and preconstruction/milestone meetings. We were on site to observe construction, including concrete placement, pile installation, sheet pile installation, dock installation, bridge deck installation, and post tensioning. WGI was the engineer of record and CEI for this project.</p> | | | | | | |
| <p><input checked="" type="checkbox"/> Check if project performed with current firm</p> | | | | | | |

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

| | | | | | | |
|---|--|--|--|---|---|--|
| <p>12. NAME Stephen Cherry, PE</p> | <p>13. ROLE IN THIS CONTRACT CEI Contract Support Specialist</p> | <p>14. YEARS EXPERIENCE a. TOTAL 7 b. WITH CURRENT FIRM 7</p> | | | | |
| <p>15. FIRM NAME AND LOCATION (<i>City and State</i>) Wantman Group, Inc., West Palm Beach, FL</p> | | | | | | |
| <p>16. EDUCATION (<i>DEGREE AND SPECIALIZATION</i>) Bachelor of Science, Civil Engineering, University of Central Florida, 2011</p> | | <p>17. CURRENT PROFESSIONAL REGISTRATION (<i>STATE AND DISCIPLINE</i>) Professional Engineer: Florida, 83268, 2018</p> | | | | |
| <p>18. OTHER PROFESSIONAL QUALIFICATIONS (<i>Publications, Organizations, Training, Awards, etc.</i>) Stephen is a technologically advanced and highly motivated design engineer. Stephen has assisted on many engineering design and permitting tasks that have resulted in projects being delivered on time and under budget. His projects have included state, municipal, institutional, and private development clients.</p> | | | | | | |
| 19. RELEVANT PROJECTS [Relevant Projects:] | | | | | | |
| <p>a.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (<i>City and State</i>) Marine Way and City Marina Structural Seawall Assessment Palm Beach County, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 CONSTRUCTION (If Applicable) 2017</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. Marine Way—This seawall is approximately 600 feet long and comprised of a rock rubble wall topped with a concrete cap. WGI observed the wall from the water and top side and created a photo log of conditions, including any failures/deficiencies and compiled observations/photos in a report. City Marina—The marina is approximately 704 feet long and surrounded by a concrete king pile wall with concrete sheet piles and concrete pile cap. It has nine pile support finger piers to access boats. WGI observed and directed investigation and identified concrete failures (spalling, exposed rebar and wall leaks) along the length of the wall. In addition, we observed conditions of the finger dock framing and supports and report</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Marine Way and City Marina Structural Seawall Assessment Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 CONSTRUCTION (If Applicable) 2017</p> | <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. Marine Way—This seawall is approximately 600 feet long and comprised of a rock rubble wall topped with a concrete cap. WGI observed the wall from the water and top side and created a photo log of conditions, including any failures/deficiencies and compiled observations/photos in a report. City Marina—The marina is approximately 704 feet long and surrounded by a concrete king pile wall with concrete sheet piles and concrete pile cap. It has nine pile support finger piers to access boats. WGI observed and directed investigation and identified concrete failures (spalling, exposed rebar and wall leaks) along the length of the wall. In addition, we observed conditions of the finger dock framing and supports and report</p> | |
| | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Marine Way and City Marina Structural Seawall Assessment Palm Beach County, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 CONSTRUCTION (If Applicable) 2017</p> | | | | |
| <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. Marine Way—This seawall is approximately 600 feet long and comprised of a rock rubble wall topped with a concrete cap. WGI observed the wall from the water and top side and created a photo log of conditions, including any failures/deficiencies and compiled observations/photos in a report. City Marina—The marina is approximately 704 feet long and surrounded by a concrete king pile wall with concrete sheet piles and concrete pile cap. It has nine pile support finger piers to access boats. WGI observed and directed investigation and identified concrete failures (spalling, exposed rebar and wall leaks) along the length of the wall. In addition, we observed conditions of the finger dock framing and supports and report</p> | | | | | | |
| <p><input checked="" type="checkbox"/> Check if project performed with current firm</p> | | | | | | |
| <p>b.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (<i>City and State</i>) City Marina Civil Improvements, Delray Beach Marina Palm Beach County/Delray Beach, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (If Applicable) Ongoing</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. As part of the on-going effort of the City of Delray Beach to correct structural deficiencies in their aging seawall system and to plan for rising sea level, WGI was awarded a contract in September 2016 to raise the seawall along the City Marina located on Marine Way between SE 1st Street and SE 2nd Street as well as provide boat dock improvements. This project extends the improvements to the land side of the Marina and provides for sidewalk, drainage, and access issues for the disabled that are impacted by raising the sea wall.</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (<i>City and State</i>) City Marina Civil Improvements, Delray Beach Marina Palm Beach County/Delray Beach, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (If Applicable) Ongoing</p> | <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. As part of the on-going effort of the City of Delray Beach to correct structural deficiencies in their aging seawall system and to plan for rising sea level, WGI was awarded a contract in September 2016 to raise the seawall along the City Marina located on Marine Way between SE 1st Street and SE 2nd Street as well as provide boat dock improvements. This project extends the improvements to the land side of the Marina and provides for sidewalk, drainage, and access issues for the disabled that are impacted by raising the sea wall.</p> | |
| | <p>(1) TITLE AND LOCATION (<i>City and State</i>) City Marina Civil Improvements, Delray Beach Marina Palm Beach County/Delray Beach, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (If Applicable) Ongoing</p> | | | | |
| <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. As part of the on-going effort of the City of Delray Beach to correct structural deficiencies in their aging seawall system and to plan for rising sea level, WGI was awarded a contract in September 2016 to raise the seawall along the City Marina located on Marine Way between SE 1st Street and SE 2nd Street as well as provide boat dock improvements. This project extends the improvements to the land side of the Marina and provides for sidewalk, drainage, and access issues for the disabled that are impacted by raising the sea wall.</p> | | | | | | |
| <p><input checked="" type="checkbox"/> Check if project performed with current firm</p> | | | | | | |
| <p>c.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (<i>City and State</i>) Island Drive Seawall Replacement (SE Corner) Palm Beach County/Delray Beach, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 CONSTRUCTION (If Applicable) 2018</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. This project includes survey, concrete coring, geotechnical investigation, structural field review, structural analysis, structural design, bidding, and cost estimating for the repair/replacement of the failing southeastern seawall adjacent to the Island Drive Bridge located within a residential neighborhood.</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Island Drive Seawall Replacement (SE Corner) Palm Beach County/Delray Beach, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 CONSTRUCTION (If Applicable) 2018</p> | <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. This project includes survey, concrete coring, geotechnical investigation, structural field review, structural analysis, structural design, bidding, and cost estimating for the repair/replacement of the failing southeastern seawall adjacent to the Island Drive Bridge located within a residential neighborhood.</p> | |
| | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Island Drive Seawall Replacement (SE Corner) Palm Beach County/Delray Beach, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 CONSTRUCTION (If Applicable) 2018</p> | | | | |
| <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. This project includes survey, concrete coring, geotechnical investigation, structural field review, structural analysis, structural design, bidding, and cost estimating for the repair/replacement of the failing southeastern seawall adjacent to the Island Drive Bridge located within a residential neighborhood.</p> | | | | | | |
| <p><input checked="" type="checkbox"/> Check if project performed with current firm</p> | | | | | | |
| <p>d.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (<i>City and State</i>) Atlantic Dunes Park Pavilion Replacement Palm Beach County/Delray Beach, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (If Applicable) 2017</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. The pavilion and boardwalk at Atlantic Dunes Park were destroyed by fire in June 2016 and subsequently demolished. For the replacement of these structures, WGI provided survey, design, permitting, bidding and construction phase services. The intent of the design is to resemble the originally designed pavilion with upgrades to meet current code requirements.</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Atlantic Dunes Park Pavilion Replacement Palm Beach County/Delray Beach, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (If Applicable) 2017</p> | <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. The pavilion and boardwalk at Atlantic Dunes Park were destroyed by fire in June 2016 and subsequently demolished. For the replacement of these structures, WGI provided survey, design, permitting, bidding and construction phase services. The intent of the design is to resemble the originally designed pavilion with upgrades to meet current code requirements.</p> | |
| | <p>(1) TITLE AND LOCATION (<i>City and State</i>) Atlantic Dunes Park Pavilion Replacement Palm Beach County/Delray Beach, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 CONSTRUCTION (If Applicable) 2017</p> | | | | |
| <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. The pavilion and boardwalk at Atlantic Dunes Park were destroyed by fire in June 2016 and subsequently demolished. For the replacement of these structures, WGI provided survey, design, permitting, bidding and construction phase services. The intent of the design is to resemble the originally designed pavilion with upgrades to meet current code requirements.</p> | | | | | | |
| <p><input checked="" type="checkbox"/> Check if project performed with current firm</p> | | | | | | |
| <p>e.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 66%; vertical-align: top;"> <p>(1) TITLE AND LOCATION (<i>City and State</i>) NE 2nd Avenue Roadway Restoration/Beautification Palm Beach County/Delray Beach, FL</p> </td> <td style="width: 33%; vertical-align: top;"> <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2013 CONSTRUCTION (If Applicable) 2015</p> </td> </tr> <tr> <td colspan="2"> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. Stephen was responsible for design/coordination of this project, subconsultant coordination, and timely deliverables. WGI was the lead design engineer for this Complete Street project, phases I and II, working closely with the City, Delray Beach CRA, and FDOT on reconstruction/enhancements of this local arterial roadway in the City's historical district. Due to significant portion of the funding from FDOT's Local Agency Program (LAP), WGI was responsible for coordination/specific requirements for LAP-funded projects, ensuring all criteria and requirements were addressed and documented. The goal of the project was to enhance the roadway by designing traffic calming features including reducing traffic lanes, raised plateau intersections, paverbrick crosswalks, and landscaped bulb-outs, as well as green-striped bicycle lanes to clearly designate the lanes, a key requirement of LAP funding. Responsibilities included roadway/drainage design, survey, permitting, lighting, signing and striping, landscaping/ irrigation, and coordination of LAP documentation, including a Cultural Resource Assessment Study (CRAS) and Environmental Resource Assessment report that conformed to Federal Highway Administration (FHWA), Federal Transit Authority (FTA), and FDOT's Agency Operating Agreement.</p> </td> </tr> </table> | | <p>(1) TITLE AND LOCATION (<i>City and State</i>) NE 2nd Avenue Roadway Restoration/Beautification Palm Beach County/Delray Beach, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2013 CONSTRUCTION (If Applicable) 2015</p> | <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. Stephen was responsible for design/coordination of this project, subconsultant coordination, and timely deliverables. WGI was the lead design engineer for this Complete Street project, phases I and II, working closely with the City, Delray Beach CRA, and FDOT on reconstruction/enhancements of this local arterial roadway in the City's historical district. Due to significant portion of the funding from FDOT's Local Agency Program (LAP), WGI was responsible for coordination/specific requirements for LAP-funded projects, ensuring all criteria and requirements were addressed and documented. The goal of the project was to enhance the roadway by designing traffic calming features including reducing traffic lanes, raised plateau intersections, paverbrick crosswalks, and landscaped bulb-outs, as well as green-striped bicycle lanes to clearly designate the lanes, a key requirement of LAP funding. Responsibilities included roadway/drainage design, survey, permitting, lighting, signing and striping, landscaping/ irrigation, and coordination of LAP documentation, including a Cultural Resource Assessment Study (CRAS) and Environmental Resource Assessment report that conformed to Federal Highway Administration (FHWA), Federal Transit Authority (FTA), and FDOT's Agency Operating Agreement.</p> | |
| | <p>(1) TITLE AND LOCATION (<i>City and State</i>) NE 2nd Avenue Roadway Restoration/Beautification Palm Beach County/Delray Beach, FL</p> | <p>(2) YEAR COMPLETED PROFESSIONAL SERVICES 2013 CONSTRUCTION (If Applicable) 2015</p> | | | | |
| <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Engineer. Stephen was responsible for design/coordination of this project, subconsultant coordination, and timely deliverables. WGI was the lead design engineer for this Complete Street project, phases I and II, working closely with the City, Delray Beach CRA, and FDOT on reconstruction/enhancements of this local arterial roadway in the City's historical district. Due to significant portion of the funding from FDOT's Local Agency Program (LAP), WGI was responsible for coordination/specific requirements for LAP-funded projects, ensuring all criteria and requirements were addressed and documented. The goal of the project was to enhance the roadway by designing traffic calming features including reducing traffic lanes, raised plateau intersections, paverbrick crosswalks, and landscaped bulb-outs, as well as green-striped bicycle lanes to clearly designate the lanes, a key requirement of LAP funding. Responsibilities included roadway/drainage design, survey, permitting, lighting, signing and striping, landscaping/ irrigation, and coordination of LAP documentation, including a Cultural Resource Assessment Study (CRAS) and Environmental Resource Assessment report that conformed to Federal Highway Administration (FHWA), Federal Transit Authority (FTA), and FDOT's Agency Operating Agreement.</p> | | | | | | |
| <p><input checked="" type="checkbox"/> Check if project performed with current firm</p> | | | | | | |

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

| | | | |
|--|---|--|----------------------------------|
| 12. NAME Andre Smith, EI | 13. ROLE IN THIS CONTRACT CEI Inspector | 14. YEARS EXPERIENCE a. TOTAL 3 | b. WITH CURRENT FIRM 2 |
| 15. FIRM NAME AND LOCATION (City and State) Wantman Group, Inc., West Palm Beach, FL | | | |
| 16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science in Civil Engineering, Structural Engineering - University of Ottawa, 2016 | | 17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Engineer Intern: Florida #1100020735, 2017 | |
| 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Andre specializes in load analysis and design. He works closely with construction crews, and forensic and design professionals to provide optimal designs that account for all aspects of a building/structure life cycle, from construction to salvage. His well-rounded experience allows him to successfully contribute to building upgrades, retrofit, and new design projects that required the highest degree of attention to detail. Andre's management style involves understanding the confluence of a client's desires, contractor constructability, and cost effectiveness, and then developing a comprehensive design solution. | | | |
| 19. RELEVANT PROJECTS [Relevant Projects:] | | | |
| (1) TITLE AND LOCATION (City and State) Pompano Beach Fishing Pier Replacement Project CEI Broward County, FL | | (2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 | |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE CEI Services. WGI designed an 864-foot long replacement fishing pier for the City of Pompano Beach. The pier's walking surface will remain approx. 20 feet wide up to the mean high water line. Once beyond this, the deck widens to 30 feet to the east end of the pier. The end of the structure was designed to resemble the head of a pompano fish, similar to the City's logo. Amenities on the pier include shade structures, electrical outlets for maintenance, fresh water hose bibs, and fish gutting stations. Design includes lighting on the pier, which complies with environmental regulations for sea turtle-friendly lighting. The pier also will feature educational signs regarding manatee and turtle protection. The foundation of the pier will be constructed utilizing concrete piles and pile caps. The walking surface deck will use concrete beams with wood decking in between. In addition, WGI will design and submit for permitting a new "open-air" facility bait shop with power lighting to support freezer units to sell bait and rent fishing tackle. | | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| a. | | | |
| (1) TITLE AND LOCATION (City and State) Marine Way and City Marina Structural Seawall Assessment Palm Beach County, FL | | (2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 | |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Structural Designer. Marine Way—This seawall is approximately 600 feet long and comprised of a rock rubble wall topped with a concrete cap. WGI observed the wall from the water and top side and created a photo log of conditions, including any failures/deficiencies and compiled observations/photos in a report. City Marina—The city marina is approximately 704 feet long and surrounded by a concrete king pile wall with concrete sheet piles and concrete pile cap. It has nine pile support finger piers to access the boats. WGI observed and directed investigation and identified concrete failures (spalling, exposed rebar and wall leaks) along the length of the wall. In addition, we observed conditions of the finger dock framing and supports and report deficiencies/failures encountered. | | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| b. | | | |
| (1) TITLE AND LOCATION (City and State) Palm Beach Yacht Club Breakwater Palm Beach County, FL | | (2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 | |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Structural Designer. WGI provided structural engineering and design for a 440-foot long breakwater. The breakwater extends 420 linear feet east from the seawall along the north line of Parcel 2 returning approximately 20 feet south. The breakwater wall was designed using concrete piling and sheet piles with a concrete pile cap with a minimum width of four feet wide to be utilized as a future walkway or dock. The wall was stabilized by concrete batter piles located on the marina side of the breakwater. Conduits and pull boxes were embedded into the new pile cap to facilitate future power requirements for lighting and docking. | | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| c. | | | |
| (1) TITLE AND LOCATION (City and State) Casa Del mar Seawall and Retaining Wall Inspections Palm Beach County, FL | | (2) YEAR COMPLETED PROFESSIONAL SERVICES 2016 | |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Structural Designer. WGI provided construction phase services for the construction of a seawall and retaining walls for a private developer, including shop drawing reviews, including rebar submittals, concrete design mixes, and steel sheeting. In addition, WGI certified the piles for the fixed and floating docks installed in the Intracoastal Waterway, as well as the installation of the floating dock and gangway construction for permit closeout. | | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| d. | | | |
| (1) TITLE AND LOCATION (City and State) Red Reef Park Seawall and Sidewalk Palm Beach County, FL | | (2) YEAR COMPLETED PROFESSIONAL SERVICES 2017 | |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Structural Design Services. The sidewalk adjacent to the seawall at Red Reef Park has undergone settlement due to uncompacted soil behind the seawall. WGI provided detail for removal and replacement of the sidewalk, with provisions made to address any noticeable soil loss and repair of filter fabric behind the seawall. Additionally, the seawall had minor cracking and spalling along sections of the cap; these sections were repaired and rehabilitated. | | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| e. | | | |

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

| <p>12. NAME Casey Dubois, EI</p> | <p>13. ROLE IN THIS CONTRACT CEI Inspector</p> | <p>14. YEARS EXPERIENCE a. TOTAL 8 b. WITH CURRENT FIRM 2</p> | | | | | | |
|--|--|---|---|--|--|--|--|--|
| <p>15. FIRM NAME AND LOCATION <i>(City and State)</i> Wantman Group, Inc., West Palm Beach, FL</p> | | | | | | | | |
| <p>16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Engineering, Civil Engineering, University of Louisiana Lafayette, 2014</p> | | <p>17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Engineer Intern: Louisiana #EI32337, 2015</p> | | | | | | |
| <p>18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> ACI Concrete Field Testing Technician Grade I; Concrete Transportation Construction Inspector Casey is an engineer intern who has worked extensively on bridge inspections and rehabilitation. He is experienced in design and detailing of flat slab bridges. His duties include inspection of post-tensioning/pre-stressing structures, and pile driving and rebar inspections for reinforced concrete structures.</p> | | | | | | | | |
| <p>19. RELEVANT PROJECTS <i>[Relevant Projects:]</i></p> | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; vertical-align: top;"> (1) TITLE AND LOCATION <i>(City and State)</i> PGA Marina Seawall Palm Beach County, FL </th> <th colspan="2" style="width: 50%; vertical-align: top;"> (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If Applicable)</i> 2016 2017 </th> </tr> </thead> <tbody> <tr> <td> (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <p>Construction Administration Services. WGI performed a structural evaluation of the seawall and dock located at PGA Marina. The evaluation consisted of an inspection of approximately 900 feet of seawall. The services include preparation of a report including photo documentation of findings and any recommendations for the repair or replacement that should be considered. In addition, inspection of the tieback anchors was performed. The assessment report was used to catalog and take field measurements of the visual damaged areas. These areas were mapped on a substructure and superstructure drawing and referenced back to the photo documentation taken during the assessment report. Construction documents suitable for permitting and construction were developed. Additionally, WGI provided structural design for eight fixed finger piers at PGA Marina. Allowance for utility attachments to the piers were made. Construction documents suitable for bidding and construction were provided.</p> </td> <td colspan="2"> <input checked="" type="checkbox"/> Check if project performed with current firm </td> </tr> </tbody> </table> | | | (1) TITLE AND LOCATION <i>(City and State)</i> PGA Marina Seawall Palm Beach County, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If Applicable)</i> 2016 2017 | | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <p>Construction Administration Services. WGI performed a structural evaluation of the seawall and dock located at PGA Marina. The evaluation consisted of an inspection of approximately 900 feet of seawall. The services include preparation of a report including photo documentation of findings and any recommendations for the repair or replacement that should be considered. In addition, inspection of the tieback anchors was performed. The assessment report was used to catalog and take field measurements of the visual damaged areas. These areas were mapped on a substructure and superstructure drawing and referenced back to the photo documentation taken during the assessment report. Construction documents suitable for permitting and construction were developed. Additionally, WGI provided structural design for eight fixed finger piers at PGA Marina. Allowance for utility attachments to the piers were made. Construction documents suitable for bidding and construction were provided.</p> | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| (1) TITLE AND LOCATION <i>(City and State)</i> PGA Marina Seawall Palm Beach County, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If Applicable)</i> 2016 2017 | | | | | | | |
| (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <p>Construction Administration Services. WGI performed a structural evaluation of the seawall and dock located at PGA Marina. The evaluation consisted of an inspection of approximately 900 feet of seawall. The services include preparation of a report including photo documentation of findings and any recommendations for the repair or replacement that should be considered. In addition, inspection of the tieback anchors was performed. The assessment report was used to catalog and take field measurements of the visual damaged areas. These areas were mapped on a substructure and superstructure drawing and referenced back to the photo documentation taken during the assessment report. Construction documents suitable for permitting and construction were developed. Additionally, WGI provided structural design for eight fixed finger piers at PGA Marina. Allowance for utility attachments to the piers were made. Construction documents suitable for bidding and construction were provided.</p> | <input checked="" type="checkbox"/> Check if project performed with current firm | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; vertical-align: top;"> (1) TITLE AND LOCATION <i>(City and State)</i> Marine Way and City Marina Structural Seawall Assessment Palm Beach County, FL </th> <th colspan="2" style="width: 50%; vertical-align: top;"> (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If Applicable)</i> 2016 2017 </th> </tr> </thead> <tbody> <tr> <td> (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <p>Structural Design/Construction Administration Services, Project Engineer. Marine Way—This seawall is approximately 600 feet long and comprised of a rock rubble wall topped with a concrete cap. WGI observed the wall from the water and top side and created a photo log of conditions, including any failures/deficiencies and compiled observations/photos in a report. City Marina—The city marina is approximately 704 feet long and surrounded by a concrete king pile wall with concrete sheet piles and concrete pile cap. It has nine pile support finger piers to access the boats. WGI observed and directed investigation and identified concrete failures (spalling, exposed rebar and wall leaks) along the length of the wall. In addition, we observed conditions of the finger dock framing and supports and report deficiencies/failures encountered.</p> </td> <td colspan="2"> <input checked="" type="checkbox"/> Check if project performed with current firm </td> </tr> </tbody> </table> | | | (1) TITLE AND LOCATION <i>(City and State)</i> Marine Way and City Marina Structural Seawall Assessment Palm Beach County, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If Applicable)</i> 2016 2017 | | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <p>Structural Design/Construction Administration Services, Project Engineer. Marine Way—This seawall is approximately 600 feet long and comprised of a rock rubble wall topped with a concrete cap. WGI observed the wall from the water and top side and created a photo log of conditions, including any failures/deficiencies and compiled observations/photos in a report. City Marina—The city marina is approximately 704 feet long and surrounded by a concrete king pile wall with concrete sheet piles and concrete pile cap. It has nine pile support finger piers to access the boats. WGI observed and directed investigation and identified concrete failures (spalling, exposed rebar and wall leaks) along the length of the wall. In addition, we observed conditions of the finger dock framing and supports and report deficiencies/failures encountered.</p> | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| (1) TITLE AND LOCATION <i>(City and State)</i> Marine Way and City Marina Structural Seawall Assessment Palm Beach County, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If Applicable)</i> 2016 2017 | | | | | | | |
| (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <p>Structural Design/Construction Administration Services, Project Engineer. Marine Way—This seawall is approximately 600 feet long and comprised of a rock rubble wall topped with a concrete cap. WGI observed the wall from the water and top side and created a photo log of conditions, including any failures/deficiencies and compiled observations/photos in a report. City Marina—The city marina is approximately 704 feet long and surrounded by a concrete king pile wall with concrete sheet piles and concrete pile cap. It has nine pile support finger piers to access the boats. WGI observed and directed investigation and identified concrete failures (spalling, exposed rebar and wall leaks) along the length of the wall. In addition, we observed conditions of the finger dock framing and supports and report deficiencies/failures encountered.</p> | <input checked="" type="checkbox"/> Check if project performed with current firm | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; vertical-align: top;"> (1) TITLE AND LOCATION <i>(City and State)</i> PBCWUD Western Facilities Hurricane Hardening Palm Beach County, FL </th> <th colspan="2" style="width: 50%; vertical-align: top;"> (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If Applicable)</i> 2017 2017 </th> </tr> </thead> <tbody> <tr> <td> (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <p>Construction Administration Services. WGI provided structural engineering and construction phase services for Palm Beach County hurricane hardening projects. Services included structural engineering, construction documents, permitting and construction administration for repairs, reinforcing of roof structures, replacement of doors and windows, concrete restoration, and securing of roof and ground HVAC equipment for these facilities. Because these facilities were constructed prior to Hurricane Andrew building codes, this project provided remedial work required to bring these facilities up to current building code requirements.</p> </td> <td colspan="2"> <input checked="" type="checkbox"/> Check if project performed with current firm </td> </tr> </tbody> </table> | | | (1) TITLE AND LOCATION <i>(City and State)</i> PBCWUD Western Facilities Hurricane Hardening Palm Beach County, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If Applicable)</i> 2017 2017 | | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <p>Construction Administration Services. WGI provided structural engineering and construction phase services for Palm Beach County hurricane hardening projects. Services included structural engineering, construction documents, permitting and construction administration for repairs, reinforcing of roof structures, replacement of doors and windows, concrete restoration, and securing of roof and ground HVAC equipment for these facilities. Because these facilities were constructed prior to Hurricane Andrew building codes, this project provided remedial work required to bring these facilities up to current building code requirements.</p> | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| (1) TITLE AND LOCATION <i>(City and State)</i> PBCWUD Western Facilities Hurricane Hardening Palm Beach County, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If Applicable)</i> 2017 2017 | | | | | | | |
| (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <p>Construction Administration Services. WGI provided structural engineering and construction phase services for Palm Beach County hurricane hardening projects. Services included structural engineering, construction documents, permitting and construction administration for repairs, reinforcing of roof structures, replacement of doors and windows, concrete restoration, and securing of roof and ground HVAC equipment for these facilities. Because these facilities were constructed prior to Hurricane Andrew building codes, this project provided remedial work required to bring these facilities up to current building code requirements.</p> | <input checked="" type="checkbox"/> Check if project performed with current firm | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; vertical-align: top;"> (1) TITLE AND LOCATION <i>(City and State)</i> 5th Avenue Bridge Broward County, FL </th> <th colspan="2" style="width: 50%; vertical-align: top;"> (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If Applicable)</i> 2018 Ongoing </th> </tr> </thead> <tbody> <tr> <td> (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <p>Structural Design Services. The City of Pompano Beach wants to raise the 5th Avenue Bridge approximately two feet to provide additional boat access beneath the bridge. The goal is to provide a low member elevation of the center span equal to the US 1 bridge along the same canal-way.</p> </td> <td colspan="2"> <input checked="" type="checkbox"/> Check if project performed with current firm </td> </tr> </tbody> </table> | | | (1) TITLE AND LOCATION <i>(City and State)</i> 5th Avenue Bridge Broward County, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If Applicable)</i> 2018 Ongoing | | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <p>Structural Design Services. The City of Pompano Beach wants to raise the 5th Avenue Bridge approximately two feet to provide additional boat access beneath the bridge. The goal is to provide a low member elevation of the center span equal to the US 1 bridge along the same canal-way.</p> | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| (1) TITLE AND LOCATION <i>(City and State)</i> 5th Avenue Bridge Broward County, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If Applicable)</i> 2018 Ongoing | | | | | | | |
| (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <p>Structural Design Services. The City of Pompano Beach wants to raise the 5th Avenue Bridge approximately two feet to provide additional boat access beneath the bridge. The goal is to provide a low member elevation of the center span equal to the US 1 bridge along the same canal-way.</p> | <input checked="" type="checkbox"/> Check if project performed with current firm | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; vertical-align: top;"> (1) TITLE AND LOCATION <i>(City and State)</i> Pompano Beach Fishing Pier Replacement Project CEI Broward County, FL </th> <th colspan="2" style="width: 50%; vertical-align: top;"> (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If Applicable)</i> 2017 Ongoing </th> </tr> </thead> <tbody> <tr> <td> (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <p>CEI Services. WGI designed an 864-foot long replacement fishing pier for the City of Pompano Beach. The pier's walking surface will remain approx. 20 feet wide up to the mean high water line. Once beyond this, the deck widens to 30 feet to the east end of the pier. The end of the structure was designed to resemble the head of a pompano fish, similar to the City's logo. Amenities on the pier include shade structures, electrical outlets for maintenance, fresh water hose bibs, and fish gutting stations. Design includes lighting on the pier, which complies with environmental regulations for sea turtle-friendly lighting. The pier also will feature educational signs regarding manatee and turtle protection. The foundation of the pier will be constructed utilizing concrete piles and pile caps. The walking surface deck will use concrete beams with wood decking in between. In addition, WGI will design and submit for permitting a new "open-air" facility bait shop with power lighting to support freezer units to sell bait and rent fishing tackle.</p> </td> <td colspan="2"> <input checked="" type="checkbox"/> Check if project performed with current firm </td> </tr> </tbody> </table> | | | (1) TITLE AND LOCATION <i>(City and State)</i> Pompano Beach Fishing Pier Replacement Project CEI Broward County, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If Applicable)</i> 2017 Ongoing | | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <p>CEI Services. WGI designed an 864-foot long replacement fishing pier for the City of Pompano Beach. The pier's walking surface will remain approx. 20 feet wide up to the mean high water line. Once beyond this, the deck widens to 30 feet to the east end of the pier. The end of the structure was designed to resemble the head of a pompano fish, similar to the City's logo. Amenities on the pier include shade structures, electrical outlets for maintenance, fresh water hose bibs, and fish gutting stations. Design includes lighting on the pier, which complies with environmental regulations for sea turtle-friendly lighting. The pier also will feature educational signs regarding manatee and turtle protection. The foundation of the pier will be constructed utilizing concrete piles and pile caps. The walking surface deck will use concrete beams with wood decking in between. In addition, WGI will design and submit for permitting a new "open-air" facility bait shop with power lighting to support freezer units to sell bait and rent fishing tackle.</p> | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| (1) TITLE AND LOCATION <i>(City and State)</i> Pompano Beach Fishing Pier Replacement Project CEI Broward County, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION <i>(If Applicable)</i> 2017 Ongoing | | | | | | | |
| (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <p>CEI Services. WGI designed an 864-foot long replacement fishing pier for the City of Pompano Beach. The pier's walking surface will remain approx. 20 feet wide up to the mean high water line. Once beyond this, the deck widens to 30 feet to the east end of the pier. The end of the structure was designed to resemble the head of a pompano fish, similar to the City's logo. Amenities on the pier include shade structures, electrical outlets for maintenance, fresh water hose bibs, and fish gutting stations. Design includes lighting on the pier, which complies with environmental regulations for sea turtle-friendly lighting. The pier also will feature educational signs regarding manatee and turtle protection. The foundation of the pier will be constructed utilizing concrete piles and pile caps. The walking surface deck will use concrete beams with wood decking in between. In addition, WGI will design and submit for permitting a new "open-air" facility bait shop with power lighting to support freezer units to sell bait and rent fishing tackle.</p> | <input checked="" type="checkbox"/> Check if project performed with current firm | | | | | | | |

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

| | | | |
|---|---|------------------------|----------------------------------|
| 12. NAME Richard "Dick" Gallo | 13. ROLE IN THIS CONTRACT CEI Inspector | 14. YEARS EXPERIENCE | |
| | | a. TOTAL 40+ | b. WITH CURRENT FIRM 2 |

15. FIRM NAME AND LOCATION (City and State)

Wantman Group, Inc., West Palm Beach, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Dick ensures that all phases of roadway and bridge construction conform with the project plans and contract specifications. This includes attending pre-work, scheduling test labs, meeting with residents/business owners, daily/weekly reporting for construction activity, field measuring for each pay line item, verifying test lab invoices, preparing monthly and final pay estimates, monitoring MOT plan, reviewing for potential conflicts, scheduling required inspections, and meeting and coordinating with utility companies.

19. RELEVANT PROJECTS [Relevant Projects:]

| (1) TITLE AND LOCATION (City and State) Pompano Beach Fishing Pier Replacement Project CEI Broward County, FL | | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2017 Ongoing | |
|---|---|---|--|
| a. | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE CEI Inspector. WGI designed an 864-foot long replacement fishing pier for the City of Pompano Beach. The pier's walking surface will remain approx. 20 feet wide up to the mean high water line. Once beyond this, the deck widens to 30 feet to the east end of the pier. The end of the structure was designed to resemble the head of a pompano fish, similar to the City's logo. Amenities on the pier include shade structures, electrical outlets for maintenance, fresh water hose bibs, and fish gutting stations. Design includes lighting on the pier, which complies with environmental regulations for sea turtle-friendly lighting. The pier also will feature educational signs regarding manatee and turtle protection. The foundation of the pier will be constructed utilizing concrete piles and pile caps. The walking surface deck will use concrete beams with wood decking in between. In addition, WGI will design and submit for permitting a new "open-air" facility bait shop with power lighting to support freezer units to sell bait and rent fishing tackle. | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| b. | (1) TITLE AND LOCATION (City and State) Atlantic Avenue Crosswalk Improvements CEI Palm Beach County/City of Delray Beach, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2018 Currently on hold | |
| b. | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE WGI provided CEI services to the City of Delray Beach for improvements at the Venetian Drive and Gleason Street intersections with Atlantic Avenue, including replacing a failing paver brick surface with stamped concrete, traffic signalization loops, adjusting utilities, MOT, and public outreach for this highly visible, heavily trafficked corridor that connects the beach to downtown. Coordination was required with FDOT, Palm Beach County, and the City. Businesses, residents, and tourists alike rely on safe and efficient operation of this thoroughfare; therefore a significant effort was focused on informing the public in advance of anticipated disruptions and on the implementation of safe maintenance of traffic plans. | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| c. | (1) TITLE AND LOCATION (City and State) Seacrest Corridor Utility Improvements Phase II Design-Build Palm Beach County/Boynton Beach, FL | (2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (If Applicable) 2018 2019 | |
| c. | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE WGI was retained by the City of Boynton Beach to design and oversee major infrastructure improvements throughout a large neighborhood. This project involves water main replacement, moving rear yard water meters to front yards, Stormwater system upgrades, pavement overlay, roadside swales, driveway aprons, sidewalks, and wastewater force main. A major component of the project is coordinating public outreach to ensure all residents are informed and engaged in the improvements process. WGI created a micro-website, outreach brochures, hosted neighborhood meetings, managed a website, and monitored a trilingual hotline to answer the questions and concerns of residents and ensure an effective process. | <input checked="" type="checkbox"/> Check if project performed with current firm | |
| d. | (1) TITLE AND LOCATION (City and State) | (2) YEAR COMPLETED PROFESSIONAL SERVICES 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 | |
| e. | (1) TITLE AND LOCATION (City and State) | (2) YEAR COMPLETED PROFESSIONAL SERVICES 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 | |

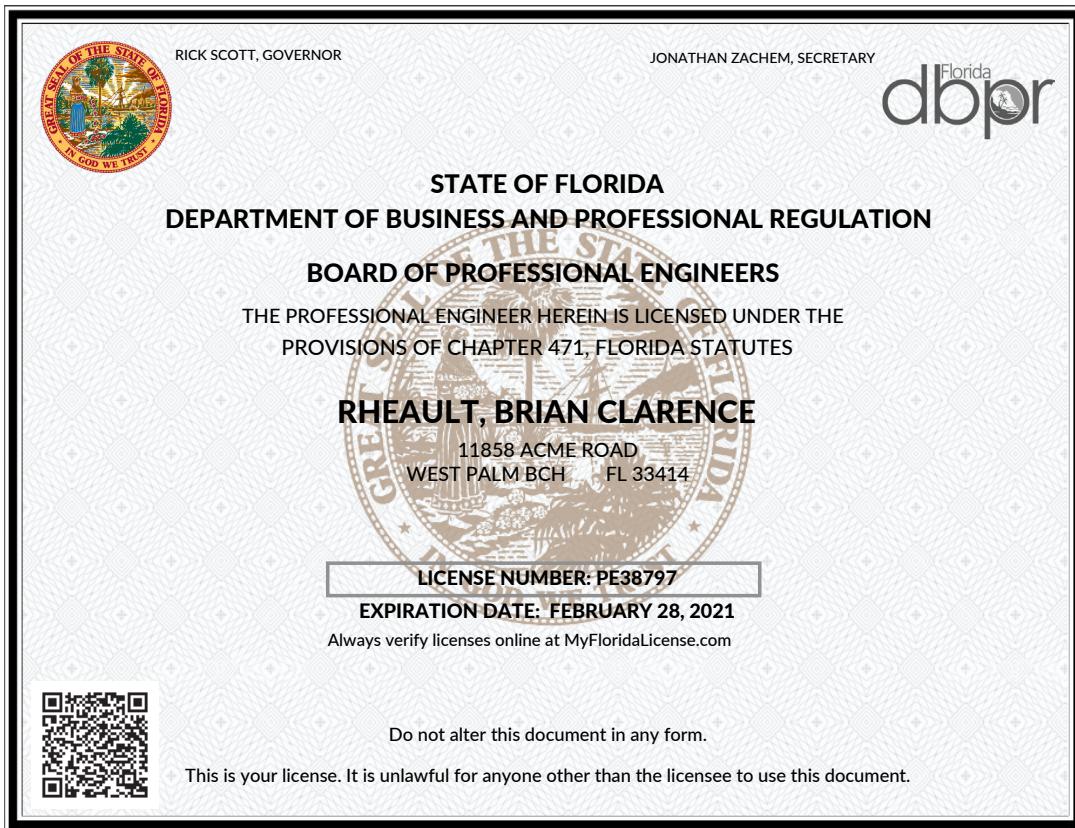
E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

| | | | | | |
|--|--|---|--|----------------------|----------------------------|
| 12. NAME | | 13. ROLE IN THIS CONTRACT | | 14. YEARS EXPERIENCE | |
| Andrew Youngross, PE | | Principal Electrical Engineer/MEP | | a. TOTAL 30 | b. WITH CURRENT FIRM 14 |
| 15. FIRM NAME AND LOCATION (City and State) Thompson Youngross Engineering Consultants, LLC (TYEC) | | | | | |
| 16. EDUCATION (Degree and Specialization) Florida Atlantic University Bachelor of Science, Electrical Engineering, 1983 | | 17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Professional Engineer, Florida: 51758 | | | |
| 18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) NFPA, IEEE. Andrew has 30+ years of experience in electrical engineering field and is responsible for electrical design, including site investigation of existing as-build conditions, construction cost approvals, lighting calculations/layout design, automatic fire alarm/smoke detection system design, and field inspections. | | | | | |
| 19. RELEVANT PROJECTS | | | | | |
| (1) TITLE AND LOCATION (City and State) City of Pompano Beach Fire Station #103 | | (2) YEAR COMPLETED PROFESSIONAL SERVICES 2011 CONSTRUCTION (If applicable) 2013 | | | |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE a. TYEC was the engineer of record for the design of MEP, FP, FA of a fire station. | | ✓ Check if project performed with current firm | | | |
| (1) TITLE AND LOCATION (City and State) Opal Sands Resort | | (2) YEAR COMPLETED PROFESSIONAL SERVICES 2013 CONSTRUCTION (If applicable) 2016 | | | |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE b. Electrical and fire alarm design of a high rise resort on Clearwater Beach. was responsible for the design of the exterior lighting to meet the FWC turtle lighting requirements. | | ✓ Check if project performed with current firm | | | |
| (1) TITLE AND LOCATION (City and State) Harbor Beach Marriott Hotel - Amenities deck Landscapeing | | (2) YEAR COMPLETED PROFESSIONAL SERVICES 2008 CONSTRUCTION (If applicable) 2009 | | | |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE c. Design of electrical and Lighting for a renovation and expansion of the amenities deck. the deck was approximately 2 acres of pools, restaurants, relaxation areas. The deck bordered the beach to the Atlantic ocean. The lighting was designed to meet the FWC turtle lighting. | | ✓ Check if project performed with current firm | | | |
| (1) TITLE AND LOCATION (City and State) Burt Reynolds Park Pavilion, Jupiter Beach, | | (2) YEAR COMPLETED PROFESSIONAL SERVICES 2014 CONSTRUCTION (If applicable) 2016 | | | |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE d. Thompson & Youngross Engineering Consultants provided a Photometric and Electrical Design for the new parking lot design along with Plumbing, and Electrical design for the new restroom pavilion. | | ✓ Check if project performed with current firm | | | |
| (1) TITLE AND LOCATION (City and State) City of Boca Raton Fire station #5 | | (2) YEAR COMPLETED PROFESSIONAL SERVICES 2007 CONSTRUCTION (If applicable) 2008 | | | |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE e. TYEC was the engineer of record for the MEP, FP, FA design of the fire station. This station became the first city of Boca Raton's Government building to achieve LEED certified. | | ✓ Check if project performed with current firm | | | |

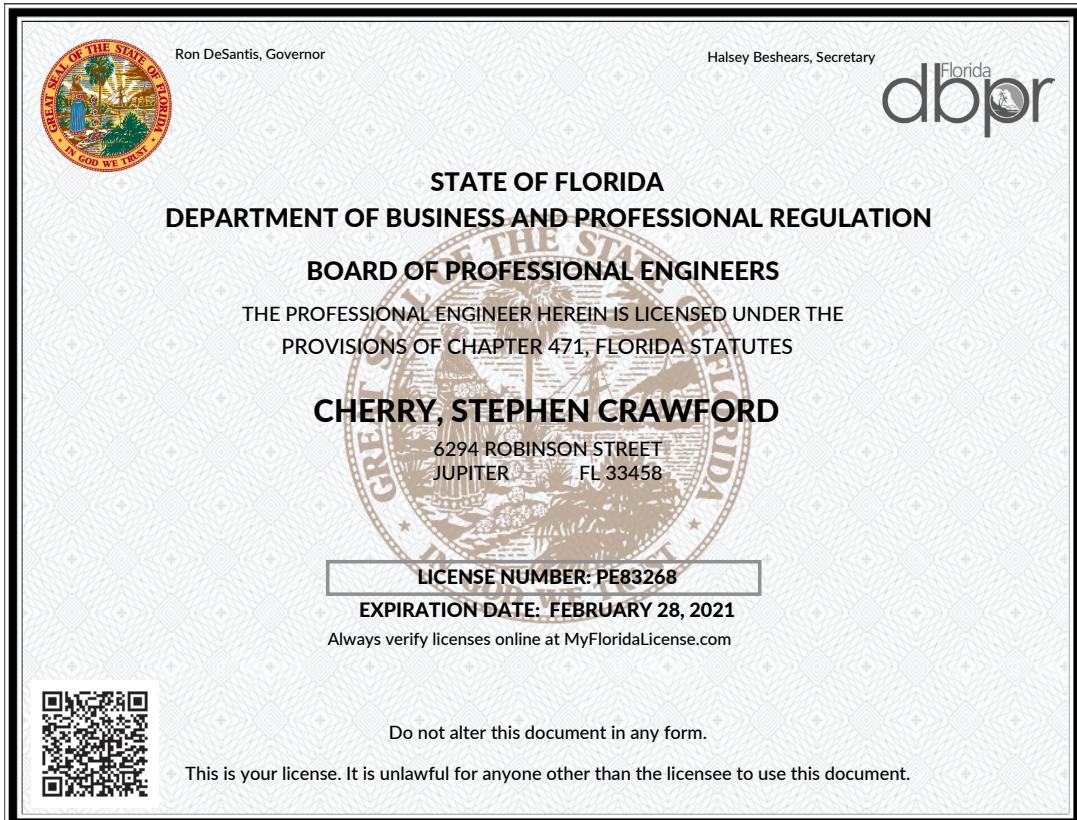
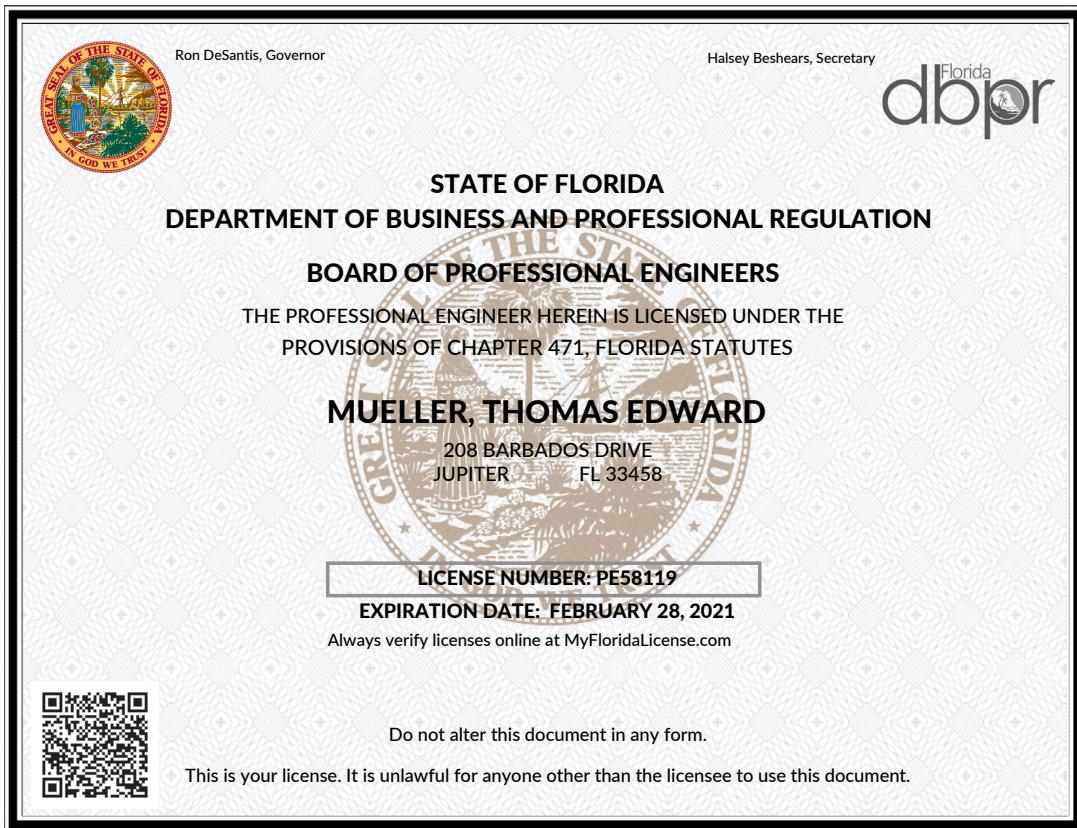


WGI Staff Professional Engineer Licenses



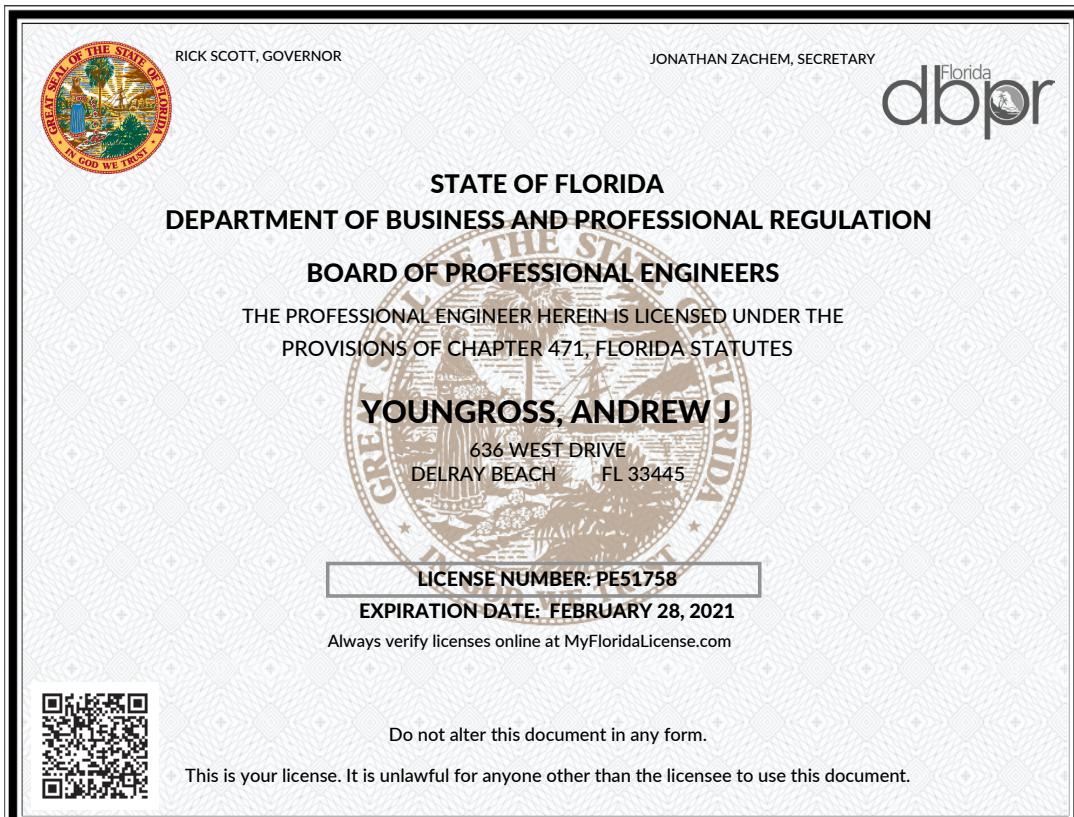
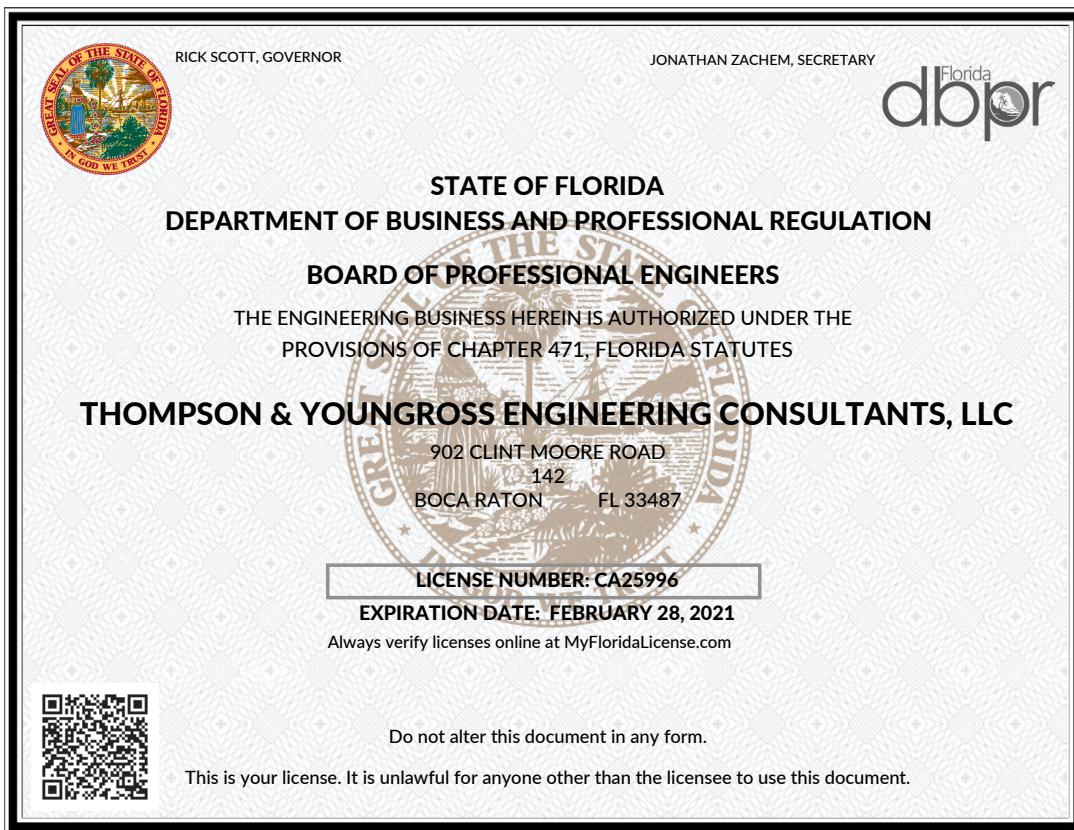


WGI Staff Professional Engineer Licenses, cont.





TYEC Company/Staff Florida Professional Engineer Licenses





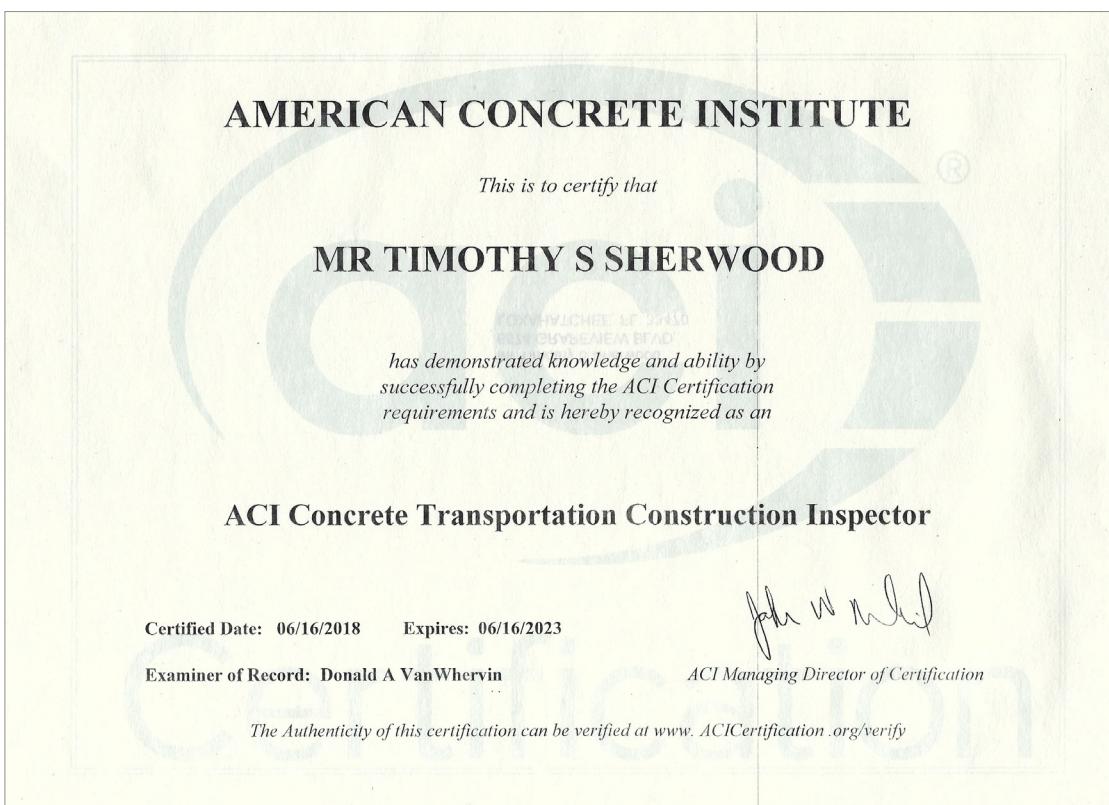
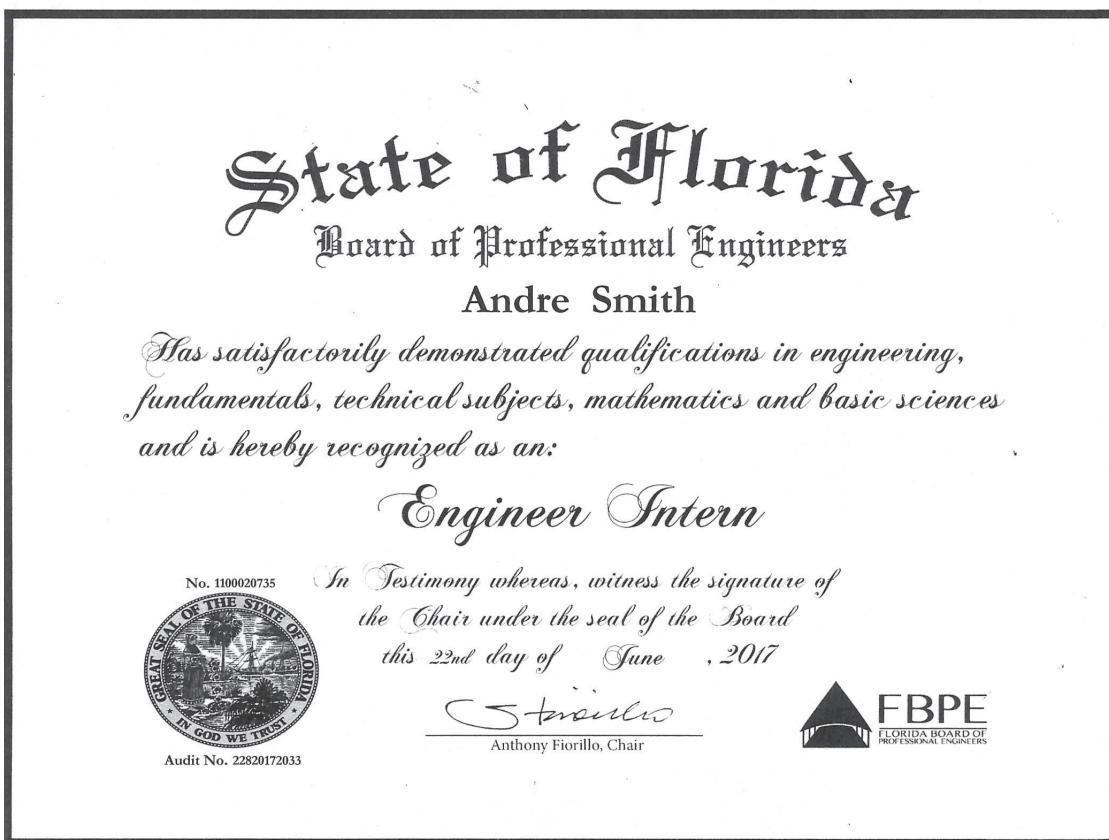
WGI Staff Certifications/Other

| Licensee Details | |
|-------------------------------|--|
| Licensee Information | |
| Name: | KISHORE, LACHANDAI ADELINA (Primary Name) |
| Main Address: | 1006 SHOMA DRIVE |
| | ROYAL PALM BEACH Florida 33414 |
| County: | PALM BEACH |
| License Mailing: | |
| LicenseLocation: | |
| License Information | |
| License Type: | Engineering Intern |
| Rank: | Eng Intern |
| License Number: | 1100003780 |
| Status: | Current,Active |
| Licensure Date: | 08/31/1998 |
| Expires: | |
| Special Qualifications | Qualification Effective |
| Alternate Names | |

| <h1>Louisiana Professional Engineering and Land Surveying Board</h1> | |
|---|------|
| <p>HEREBY CERTIFIES THAT</p> <p>Mr. Casey Allen Leonard Dubois</p> <p>HAS SATISFIED THE APPLICABLE REQUIREMENTS AND IS THEREFORE CERTIFIED AS AN</p> <p>Engineer Intern</p> <p>IN THE STATE OF LOUISIANA.</p> <p>BATON ROUGE, LOUISIANA · February 12, 2015</p> | |
| | |
| <p>CERTIFICATION NUMBER EI 32337</p> | |

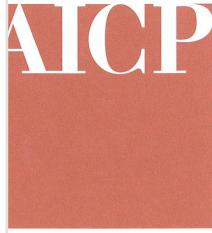


WGI Staff Certifications/Other, cont.





WGI Staff Certifications/Other, cont.

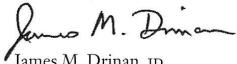


This certificate hereby qualifies

Jennifer Hofmeister, AICP

as a member with all the benefits of a Certified Planner and a commitment to the AICP Code of Ethics and Professional Conduct.

Certified Planner Number: 017005



James M. Drinan, JD
Executive Director



Valerie J. Hubbard, FAICP
President



APA
The American Planning Association's
Professional Institute
AICP
American Institute
of Certified Planners
Making Great Communities Happen





WGI Staff Certifications/Other, cont.

National Charrette Institute

awards this

NCI Charrette System™ Training Certificate

to

Jennifer Hofmeister

in recognition of successful completion of
the NCI training course

September 2018

A handwritten signature of Holly Madill.

Holly Madill
Director

MICHIGAN STATE
UNIVERSITY



TAB 6 | EXAMPLE PROJECTS & REFERENCE FEEDBACK

**City of Delray Beach
CEI Services for City Marina
RFQ No. 2019-020 | Project 16-098**



Example Projects & Reference Feedback

WGI's knowledge of the City's marina has been gained from the rehabilitation, design, and construction engineering inspections, as well as serving as engineer of record, places us in a unique position; no other proposer has this level of knowledge and experience of this job. Our staff is familiar with the design aspects and construction techniques required to build or renovate marinas, respecting permit conditions and environmental issues to be good stewards of the land and provide a top notch facility of which the City will be proud.

WGI will provide the day-to-day inspection services for the City's marina. Our structural construction expertise, including shop drawing review and coordination with the building department and project managers will prove invaluable on this project. **WGI** team members have collaborated on many successful projects, including multiple marina, seawall, jetty, and ocean pier designs across Florida.

We are willing and capable of handling your project needs and willing to dedicate all necessary project managers, engineers, and inspectors, as required, to meet your schedule. Our experience and long standing relationship with the City of Delray Beach sets us apart from our competitors. On the following pages you will find examples of similar projects we have successfully completed in the South Florida area. Feel free to contact our project reference below. Client contact info is provided with each of our sample projects as well.

Project Reference

PROJECT OWNER:

City of Pompano Beach, Florida

PROJECT NAME

Pompano Beach Fishing Pier

PROJECT LOCATION:

Pompano Beach, FL

OWNER'S CONTACT INFORMATION:

Horacio Danovich

CIP Engineer, City of Pompano Beach

100 West Atlantic Boulevard

Pompano Beach, Florida 33060

954.786.4669

horacio.danovich@copbfl.com

TOTAL PROJECT COST:

\$11.5M

TYPE OF WORK PERFORMED:

Pier demolition and construction, including installation of prestressed concrete piles and augercast concrete piles, as well as forming, reinforcement placement, and concrete placement over the ocean.

POMPANO BEACH FISHING PIER

WAS PROJECT COMPLETED ON TIME:

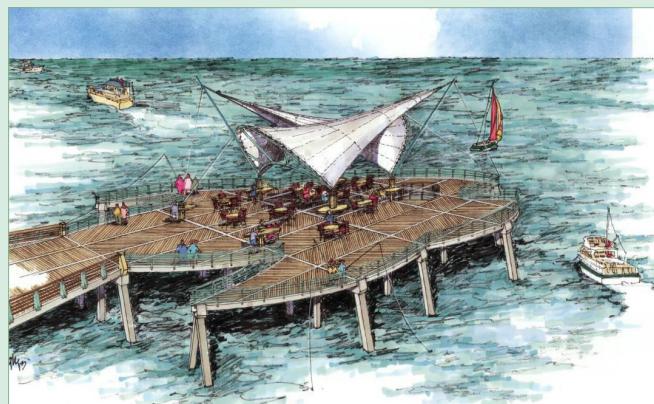
Pier construction is progressing in a timely manner, with the only delays due to bad weather days on the ocean. Construction is ongoing and anticipated to be completed in the spring of 2019.

WAS PROJECT COMPLETED WITHIN BUDGET:

Yes

NUMBER OF CHANGE ORDERS:

No change orders have been received to date.



Note: Detailed project description provided in the attached project example



ATLANTIC AVENUE CROSSWALK IMPROVEMENTS CEI (VENETIAN DRIVE AND GLEASON STREET)

LOCATION:
Delray Beach, Florida

REFERENCE:
City of Delray Beach
Isaac Kovner, PE
434 S. Swinton Avenue
Delray Beach, Florida 33444
Phone: 561.243.7322 / Fax: 561.243.7060
Email: kovner@mydelraybeach.com

DATE STARTED:
Design June 2018

DATE COMPLETED:
Design December 2018

TOTAL COST:
Design \$49K

PROJECT MANAGER:
Stephen Cherry, PE

KEY STAFF:
Brett Oldford, PE
Tom Mueller, PE
Michael Muniz
Dick Gallo

WGI was selected by the City of Delray Beach to provide Construction Engineering and Inspection (CEI) services for improvements at the Venetian Drive and Gleason Street intersections with Atlantic Avenue. The project included replacing the failing paver brick surface with stamped concrete, installing traffic signalization loops, adjusting utilities, maintenance of traffic, and public outreach for this highly visible, heavily trafficked corridor that connects the beach to downtown. Coordination was required with the Florida Department of Transportation (FDOT), Palm Beach County, and the City.

Businesses, residents, and tourists alike rely on safe and efficient operation of this thoroughfare; therefore, significant effort was focused on informing the public in

advance of when and where disruptions would occur due to construction and the implementation of safe maintenance of traffic plans for vehicles and pedestrians.

**Project currently on hold at the request of the City to eliminate potential impact to business owners, residents, and tourists during the busy tourist/holiday season.*

- PROJECT COMPLETED ON TIME
- NO CHANGE ORDERS RECEIVED ON THIS PROJECT



ENGINEERING // TRANSPORTATION // GEOSPATIAL // ENVIRONMENTAL // ARCHITECTURE // PLANNING // UTILITIES //
STRUCTURAL SOLUTIONS // LANDSCAPE ARCHITECTURE // PARKING SOLUTIONS // MEP // CREATIVE SERVICES



POMPANO BEACH FISHING PIER

LOCATION:
Pompano Beach, Florida

REFERENCE:
Horacio Danovich
City of Pompano Beach
100 West Atlantic Boulevard
Pompano Beach, Florida 33060
Phone: 954.786.4669
Email: Horacio.Danovich@copbfl.com

DATE STARTED:
Design February 2014
Construction June 2017

DATE COMPLETED:
Design May 2017
Construction In Progress

TOTAL COST:
Design \$459K
Estimated Construction Cost \$8M

PROJECT MANAGER:
Brian Rheault, PE/SI

KEY STAFF:
Tim DeLand, PE
Chris LaForte, PE
Jeffrey Bergmann, PE
Sasha Kishore, EI
Andre Smith, EI
Casey Dubois, EI
Tim Sherwood, BI

WGI was contracted by the City of Pompano Beach to design an 864-foot-long replacement fishing pier. At the beginning of the pier, a walkway forms a circle around a tower structure and continues east. The walking surface will remain approximately 20-feet wide up to the mean high water mark. Beyond this, the deck widens to 30 feet, to the east end of the pier. In lieu of the current octagonal shaped end, the structure was designed to represent the head of a Pompano fish, similar to the City's logo.

Amenities on the pier include four shade structures, electrical outlets for maintenance staff, fresh water hose bibs, a dry fire line for fire safety, and three fish gutting stations. Design also includes lighting on the pier, which meets requirements

for sea turtle-friendly lighting, along with environmental education signs.

The new pier will be supported by concrete pile foundations with a concrete pile cap. The walking surface deck will be constructed utilizing concrete beams with wood decking in between, similar to the existing pier.

- THE ONLY PROJECT DELAYS HAVE BEEN WEATHER RELATED
- NO CHANGE ORDERS HAVE BEEN RECEIVED TO DATE ON THIS PROJECT



ENGINEERING // TRANSPORTATION // GEOSPATIAL // ENVIRONMENTAL // ARCHITECTURE // PLANNING // UTILITIES //
STRUCTURAL SOLUTIONS // LANDSCAPE ARCHITECTURE // PARKING SOLUTIONS // MEP // CREATIVE SERVICES



JUPITER INLET VILLAGE MARINA

LOCATION:

Palm Beach County, Florida

REFERENCE:

Tom Driscoll
Town of Jupiter
210 Military Trail
Jupiter, Florida 33458
Phone: 561.741.2215
Email: ThomasD@jupiter.fl.us

DATE STARTED:

Design September 2009
Construction February 2010

DATE COMPLETED:

Design February 2010
Construction January 2011

TOTAL COST:

Design \$25K
Construction \$1.9M

PROJECT MANAGER:

Brian Rheault, PE/SL

KEY STAFF:

Tim DeLand, PE
Chris LaForte, PE
Sasha Kishore, EI
Timothy Sherwood, BI

The Inlet Village Marina was developed as a phased project. The Town of Jupiter acquired the land, which is located north of Indiantown Road on an oxbow of the Loxahatchee River. The first phase of the project was to provide a new seawall and docking facility. WGI provided structural design and detailing for two five-foot wide by 30-foot long, ADA-compliant, fixed docks, and an aluminum barrier railing along the seawall. The Town was provided with design criteria and foundation design for the floating dock system. Additional improvements included site parking and amenities such as restrooms and picnic areas.

WGI also provided construction phase services for this project, including shop drawing review, RFI responses,

and attending preconstruction meetings and periodic milestone meetings. WGI was on site during construction to observe all construction activities, including pile installation, dock installation, and floating dock installation. Being engineer of record and CEI allowed WGI to quickly and efficiently solve any construction-related issues that arose during construction.

- PROJECT COMPLETED ON TIME
- NO CHANGE ORDERS RECEIVED ON THIS PROJECT



ENGINEERING // TRANSPORTATION // GEOSPATIAL // ENVIRONMENTAL // ARCHITECTURE // PLANNING // UTILITIES //
STRUCTURAL SOLUTIONS // LANDSCAPE ARCHITECTURE // PARKING SOLUTIONS // MEP // CREATIVE SERVICES



FRENCHMAN'S HARBOR

LOCATION:

North Palm Beach, Florida

REFERENCE:

Toll Brothers, Inc.
Stuart Gordon
3970 West Indiantown Road
Jupiter, Florida 33478
Phone: 561.741.5710 / Fax: 561.637.0262
Email: sgordon@tollbrothersinc.com

DATE STARTED:

Design June 2010
Construction August 2010

DATE COMPLETED:

Design February 2011
Construction May 2013

TOTAL COST:

Design \$271K
Construction \$11.5M

PROJECT MANAGER:

Tim DeLand, PE

KEY STAFF:

Brian Rheault, PE/SI
Sasha Kishore, EI
Tim Sherwood, BI

This residential development is located at the corner of Donald Ross Road and Ellison Wilson Road in northern Palm Beach County. WGI's Structural Systems Division provided design services for construction of three box culverts, two bridges, 7,500 linear feet of seawall, 3,200 linear feet of retaining wall, and wood docks for each lot.

The site is environmentally sensitive and contains both wetland and upland areas. To protect the area, approximately 3,200 linear feet of retaining wall was installed, effectively dividing the upland development area from the wetland area. There are two man-made canals bisecting the upland development area, which gives each lot a waterfront location and easy access to the Intracoastal Waterway. These canals required installation of approximately 7,500 linear feet of seawall and allow each lot to have their own dock. An existing waterway flows through the center of the site and a unique

underwater box culvert separates the wetland waterway from the man-made canal, allowing for uninterrupted flow of water, without mixing the two water bodies.

WGI also provided construction phase services, including shop drawing review, RFI responses, and attending preconstruction meetings and periodic milestone meetings. WGI was on site during construction to observe construction activities, including concrete placement, pile installation, sheet pile installation, dock installation, bridge deck installation, and post tensioning. Being the engineer of record and CEI for this project allowed WGI to quickly and efficiently solve any construction-related issues that arose during construction.

- PROJECT COMPLETED ON TIME
- NO CHANGE ORDERS RECEIVED ON THIS PROJECT



ENGINEERING // TRANSPORTATION // GEOSPATIAL // ENVIRONMENTAL // ARCHITECTURE // PLANNING // UTILITIES //
STRUCTURAL SOLUTIONS // LANDSCAPE ARCHITECTURE // PARKING SOLUTIONS // MEP // CREATIVE SERVICES



SNOOK ISLAND BOARDWALKS AND FLOATING DOCKS

LOCATION:

Palm Beach County, Florida

REFERENCE:

Palm Beach County Department of Environmental Resources Management
Clinton Thomas
2300 North Jog Road, 4th Floor
West Palm Beach, FL 33411
Phone: 561.233.2456
Email: cwthomas@pbcgov.org

DATE STARTED:

Design 2008
Construction 2010

DATE COMPLETED:

Design 2010
Construction 2011

TOTAL COST:

Design \$38K
Construction \$300K

PROJECT MANAGER:

Brian Rheault, PE/SL

KEY STAFF:

Tim DeLand, PE
Chris LaForte, PE
Sasha Kishore, EI
Tim Sherwood, BI

WGI completed the structural design of floating docks, 200 linear feet of seawall, an L-shaped, six-foot wide fishing pier, and a boardwalk with gazebo in an area of the Lake Worth Lagoon that was once a dead zone. The area was previously depleted and could not support any form of life. The County's Snook Island project has encouraged the return of birds and marine life to the area, which is quickly becoming a favorite spot for manatees.

WGI also provided the County with specifications for the new floating dock, as well as construction phase services during construction. These included calculations, RFI responses, and attending preconstruction meetings and periodic milestone meetings. WGI was on site to observe

all construction activities, including concrete placement, pile installation, dock installation, and floating dock installation. Being engineer of record and CEI for this project allowed WGI to quickly and efficiently solve any construction-related issues that arose during construction.

- PROJECT COMPLETED ON TIME
- NO CHANGE ORDERS RECEIVED ON THIS PROJECT



ENGINEERING // TRANSPORTATION // GEOSPATIAL // ENVIRONMENTAL // ARCHITECTURE // PLANNING // UTILITIES //
STRUCTURAL SOLUTIONS // LANDSCAPE ARCHITECTURE // PARKING SOLUTIONS // MEP // CREATIVE SERVICES



GUANABANAS SEAWALL AND DOCK

LOCATION:

Palm Beach County, Florida

REFERENCE:

Chad VanBoven
Guanabanas Restaurant
960 North Highway A1A
Jupiter, Florida 33477
Phone: 561.747.8878
Email: cdvb@comcast.net

DATE STARTED:

Design November 2011
Construction November 2012

DATE COMPLETED:

Design May 2012
Construction May 2013

TOTAL COST:

Design \$4K
Construction \$17K

PROJECT MANAGER:

Brian Rheault, PE/SL

KEY STAFF:

Tim DeLand, PE
Christopher LaForte, PE
Sasha Kishore, EI
Tim Sherwood, BI

The Guanabanas Restaurant seawall and dock project included design of marginal and finger timber docks along the Jupiter River. The existing seawall was strengthened with riprap placement and a composite toe wall.

WGI also provided construction phase services for this project, including shop drawing review, RFI responses, and attending preconstruction meetings and periodic milestone meetings. WGI was on site during construction to observe all construction activities, including pile installation and dock installation. Being engineer of record and CEI for this project allowed WGI to quickly and efficiently solve any construction-related issues that arose during construction.

- PROJECT COMPLETED ON TIME
- NO CHANGE ORDERS RECEIVED ON THIS PROJECT



ENGINEERING // TRANSPORTATION // GEOSPATIAL // ENVIRONMENTAL // ARCHITECTURE // PLANNING // UTILITIES //
STRUCTURAL SOLUTIONS // LANDSCAPE ARCHITECTURE // PARKING SOLUTIONS // MEP // CREATIVE SERVICES



PALM HARBOR MARINA

LOCATION:

Palm Beach County, Florida

REFERENCE:

Marty Murphy, Jr.
Murray Logan Construction
313 65th Trail North
West Palm Beach, Florida 33413
Phone: 561.686.3948
Email: martinm@murraylogan.com

DATE STARTED:

Design September 2008
Construction November 2009

DATE COMPLETED:

Design October 2009
Construction December 2009

TOTAL COST:

Design \$88K
Construction \$1M

PROJECT MANAGER:

Brian Rheault, PE/SI

KEY STAFF:

Tim DeLand, PE
Chris LaForte, PE
Sasha Kishore, EI
Tim Sherwood, BI
Craig Burkhardt

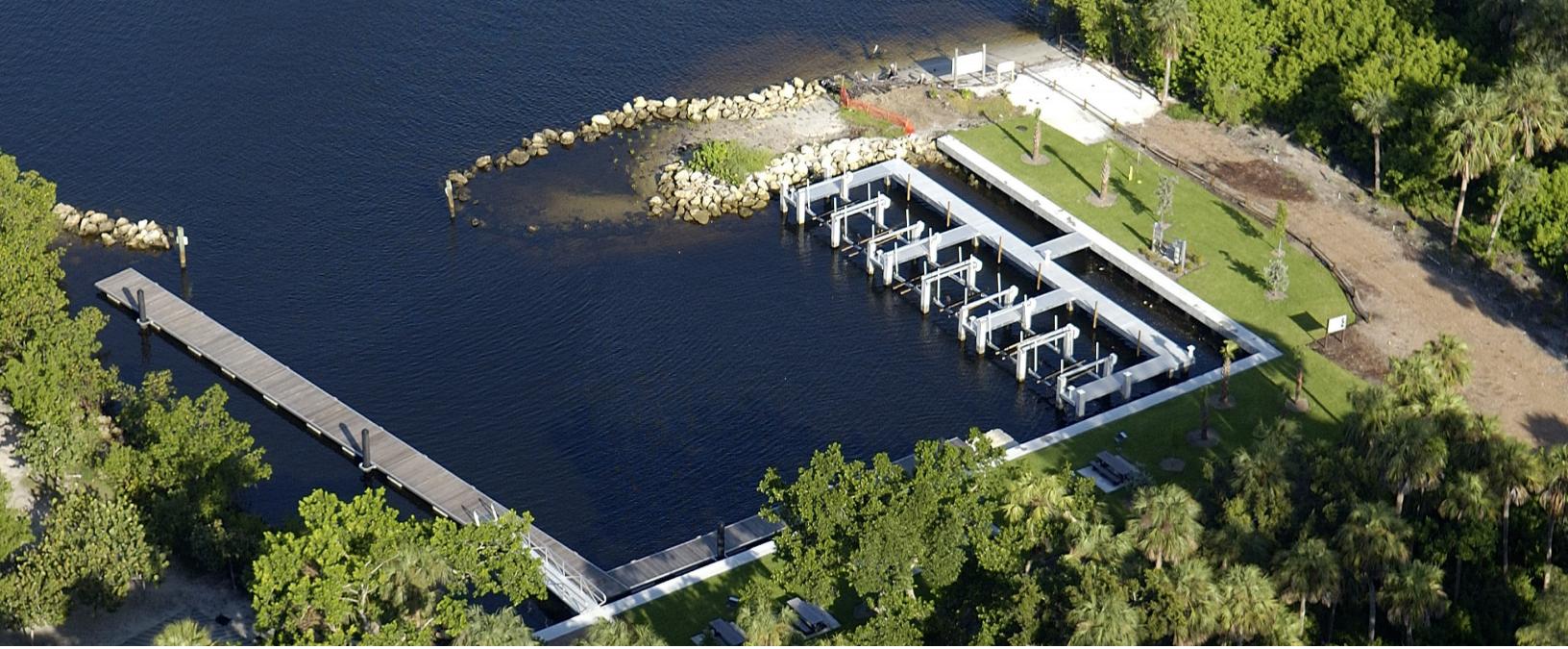
WGI provided structural engineering services for the pre-cast seawall with prestressed piles, pre-cast sheet walls, and cast-in-place cap, along with ADA-compliant floating docks at the Palm Harbor Marina, located in the heart of the Palm Beaches.

In addition, WGI provided construction phase services for this project, including RFI responses, shop drawing review, and attending preconstruction meetings, as well as periodic milestone meetings. WGI was on site during construction to observe all construction activities, including concrete placement, pile installation, dock installation, and floating dock installation. Being engineer of record and CEI for this project allowed WGI to quickly and efficiently solve any construction-related issues that arose during construction.

- PROJECT COMPLETED ON TIME
- NO CHANGE ORDERS RECEIVED ON THIS PROJECT



ENGINEERING // TRANSPORTATION // GEOSPATIAL // ENVIRONMENTAL // ARCHITECTURE // PLANNING // UTILITIES //
STRUCTURAL SOLUTIONS // LANDSCAPE ARCHITECTURE // PARKING SOLUTIONS // MEP // CREATIVE SERVICES



SPANISH RIVER PARK

LOCATION:

Palm Beach County, Florida

REFERENCE:

City of Boca Raton
Dennis Girisgen
2500 NW 1st Avenue
Boca Raton, FL 33431
Phone: 561.416.3402 / Fax: 561.416.3342
Email: dgirisgen@ci.boca-raton.fl.us

DATE STARTED:

Design July 2014
Construction July 2014

DATE COMPLETED:

Design September 2014
Construction September 2014

TOTAL COST:

Design \$36K
Construction \$400K

PROJECT MANAGER:

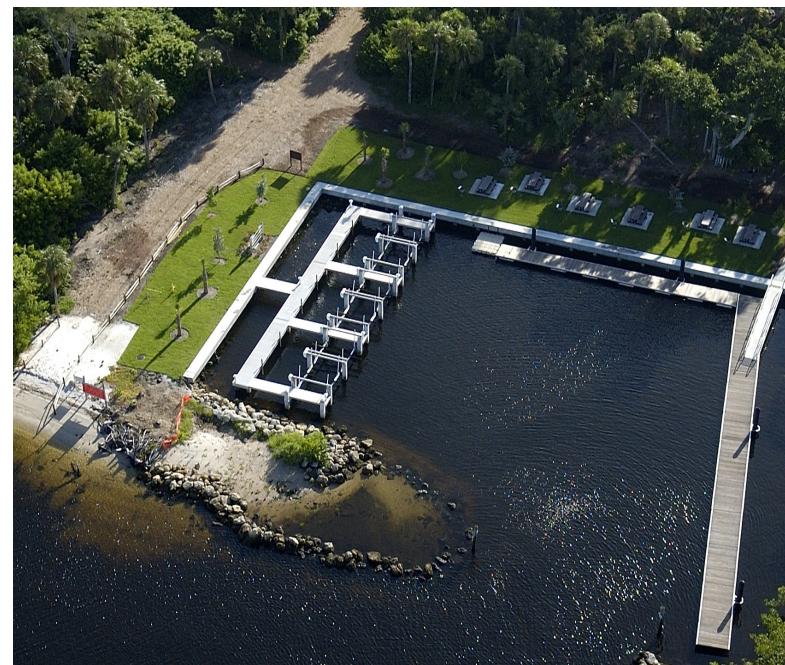
Brian Rheault, PE/SI

KEY STAFF:

Tim DeLand, PE
Chris LaForte, PE
Sasha Kishore, EI
Tim Sherwood, BI
Craig Burkhardt

WGI provided structural design and detailing for this seven-slip boat marina, including a seawall and floating dock system for day boaters, as well as a kayak launch at this 94.4-acre Spanish River Park in Boca Raton.

- PROJECT COMPLETED ON TIME
- NO CHANGE ORDERS RECEIVED ON THIS PROJECT



ENGINEERING // TRANSPORTATION // GEOSPATIAL // ENVIRONMENTAL // ARCHITECTURE // PLANNING // UTILITIES //
STRUCTURAL SOLUTIONS // LANDSCAPE ARCHITECTURE // PARKING SOLUTIONS // MEP // CREATIVE SERVICES



LAKE WORTH PIER

LOCATION:

Lake Worth, Florida

REFERENCE:

City of Lake Worth
Jamie Brown
7 North Dixie Highway
Lake Worth, Florida 33460
Phone: 561.586.1600
Email: jbrown@lakeworth.org

DATE STARTED:

Design September 2004
Construction July 2006

DATE COMPLETED:

Design July 2006
Construction May 2009

TOTAL COST:

Design \$218K
Construction \$3.5M

PROJECT MANAGER:

Brian Rheault, PE/SI

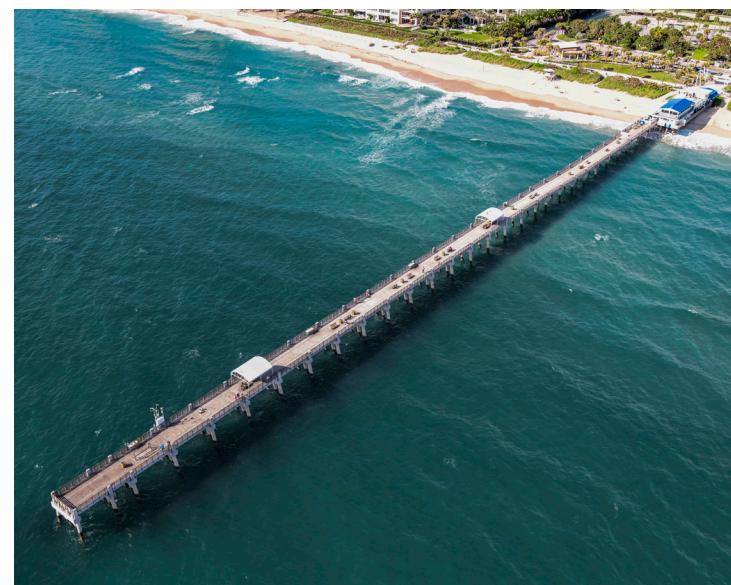
KEY STAFF:

Tim DeLand, PE
Chris LaForte, PE
Sasha Kishore, EI
Tim Sherwood, BI
Craig Burkhardt

WGI was responsible for revitalization of this 1,000-foot-long ocean pier after storm damage from Hurricanes Jeanne and Frances. The pier was raised five feet for additional storm protection, while still maintaining ADA accessibility. The pier was designed and constructed utilizing top-down construction techniques.

WGI also provided construction phase services for the project, including review of shop drawings, site visits to observe concrete placement and pile driving, progress meetings, and final inspections and reports.

- PROJECT COMPLETED ON TIME
- NO CHANGE ORDERS RECEIVED ON THIS PROJECT



ENGINEERING // TRANSPORTATION // GEOSPATIAL // ENVIRONMENTAL // ARCHITECTURE // PLANNING // UTILITIES //
STRUCTURAL SOLUTIONS // LANDSCAPE ARCHITECTURE // PARKING SOLUTIONS // MEP // CREATIVE SERVICES



HARBOUR ISLES MARINA

LOCATION:

Hutchinson Island, Florida

REFERENCE:

David Martin
Harbour Isles Development, LLC
801 Seaway Drive
Fort Pierce, Florida 34949
Phone: 772.461.9060
Email: info@harbourislesflorida.com

DATE STARTED:

Design August 2003
Construction November 2003

DATE COMPLETED:

Design October 2003
Construction February 2005

TOTAL COST:

Design \$175K
Construction \$6.2M

PROJECT MANAGER:

Brian Rheault, PE/SI

KEY STAFF:

Tim DeLand, PE
Sasha Kishore, EI

Harbour Isles Marina is located at the mouth of the Fort Pierce Inlet and accommodates yachts up to 120 feet in length in the area's best seawall-enclosed and wind-protected harbor. The harbor was dredged to create a protected harbor on Hutchinson Island at the Fort Pierce Inlet and utilizes a series of structural bulkhead systems.

The two 165-foot jetties utilize a steel sheet pile wall with concrete batter piles and a concrete cap. The batter piles are located on the outside of the navigation channel to avoid interference. At the throat of the harbor, 215 feet of rock riprap was used to protect the shoreline. The riprap system transitions to a 4,300-foot-long, tied-back concrete sheet, and king pile seawall designed to accommodate the four-story condominiums surrounding the harbor.

WGI also provided construction phase services for this project, including shop drawing review, RFI responses, and attending preconstruction meetings and periodic milestone meetings. WGI was on site during construction to observe all construction activities, including concrete placement, pile installation, and floating dock installation. Being engineer of record and CEI for this project allowed WGI to quickly and efficiently solve any construction-related issues that arose during construction.

- PROJECT COMPLETED ON TIME
- NO CHANGE ORDERS RECEIVED ON THIS PROJECT



ENGINEERING // TRANSPORTATION // GEOSPATIAL // ENVIRONMENTAL // ARCHITECTURE // PLANNING // UTILITIES //
STRUCTURAL SOLUTIONS // LANDSCAPE ARCHITECTURE // PARKING SOLUTIONS // MEP // CREATIVE SERVICES

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

29. EXAMPLE PROJECTS KEY

| NO. | TITLE OF EXAMPLE PROJECT (FROM SECTION F) | NO. | TITLE OF EXAMPLE PROJECT (FROM SECTION F) |
|-----|---|-----|---|
| 1 | Frenchmans Harbor | 6 | Guanabanas Seawall & Dock |
| 2 | Harbour Isles Marina | 7 | Spanish River Park |
| 3 | Palm Harbor Marina | 8 | Pompano Beach Fishing Pier |
| 4 | Snook Island Boardwalks & Floating Docks | 9 | Lake Worth Pier |
| 5 | Jupiter Inlet Village Marina | 10 | Atlantic Avenue Crosswalk Improvements (Venetian Drive & Gleason Street) |

STANDARD FORM 330



TAB 7 | ORGANIZATIONAL STRUCTURE

City of Delray Beach
CEI Services for City Marina
RFQ No. 2019-020 | Project 16-098



Organizational Structure

Included on the following pages:

- Submit SF 330, Part I, Section A-C for the team/solicitation information.
- Submit SF 330, Part I, Section D detailing **WGI's** organizational chart of our proposed team.
- Submit SF 330, Part II for all **WGI** team members' locations, detailing staffing resources/location where services to be provided.
- Details of **WGI's** recent current, and projected workloads at the time of this submission.
- **WGI's** statement of commitment for our team's personnel and other resources for this project.

ARCHITECT – ENGINEER QUALIFICATIONS

PART I – CONTRACT SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

City of Delray Beach - CEI Services for City Marina

2. PUBLIC NOTICE DATE
01/18/2019

3. SOLICITATION OR PROJECT NUMBER
RFQ 2019-020 | Project 16-098

B. ARCHITECT – ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Brian Rheault, PE/SI

5. NAME OF FIRM

Wantman Group, Inc. (WGI)

6. TELEPHONE NUMBER
561.687.2220

7. FAX NUMBER
561.687.1110

8. E-MAIL ADDRESS
brian.rheault@wginc.com

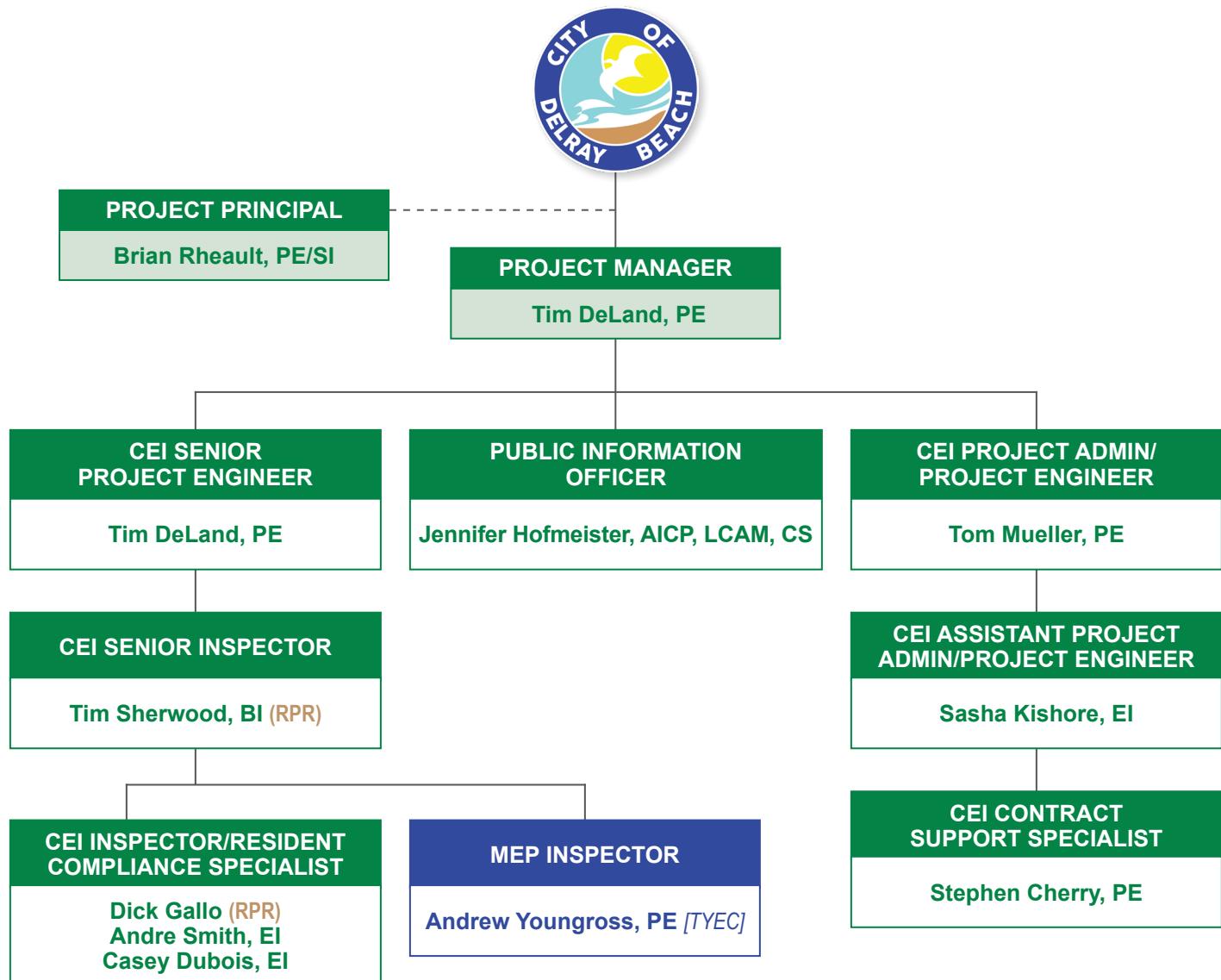
C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.) [Proposed Team:]

| | (Check) | | | 9. FIRM NAME | 10. ADDRESS | 11. ROLE IN THIS CONTRACT |
|----|-------------------------------------|-------------------------------------|---------|--|---|--|
| | PRIME | J-V | PARTNER | SUBCONTRACTOR | | |
| a. | <input checked="" type="checkbox"/> | | | Wantman Group, Inc. (WGI) | 2035 Vista Parkway West Palm Beach, FL 33411 | Inspection, Construction Administration, Field Engineering |
| | | | | <input type="checkbox"/> CHECK IF BRANCH OFFICE | | |
| b. | | <input checked="" type="checkbox"/> | | Thompson & Youngross Engineering Consultants, LLC (TYEC) | 902 Clint Moore Road, Suite 142 Boca Raton, FL 33487 | MEP Inspection |
| | | | | <input type="checkbox"/> CHECK IF BRANCH OFFICE | | |
| c. | | | | <input type="checkbox"/> CHECK IF BRANCH OFFICE | | |
| d. | | | | <input type="checkbox"/> CHECK IF BRANCH OFFICE | | |
| e. | | | | <input type="checkbox"/> CHECK IF BRANCH OFFICE | | |
| f. | | | | <input type="checkbox"/> CHECK IF BRANCH OFFICE | | |

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached)



LEGEND

- Wantman Group, Inc. (WGI)
- Thompson & Youngross Eng. Consultants, LLC (TYEC)
- RPR Full-Time Resident Project Representative

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

RFQ 2019-020

PART II – GENERAL QUALIFICATIONS

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

| | | |
|---|--|------------------------------------|
| 2a. FIRM (OR BRANCH OFFICE) NAME Wantman Group, Inc. | 3. YEAR ESTABLISHED 1991 | 4. DUNS NUMBER 938414349 |
| 2b. STREET 2035 Vista Parkway | 5. OWNERSHIP | |
| 2c. CITY West Palm Beach | 2d. STATE FL | 2e. ZIP CODE 33411 |
| a. POINT OF CONTACT NAME AND TITLE Brian Rheault, PE/Vice President, Structural Solutions | | |
| 6a. TELEPHONE NUMBER 561.687.2220 | 6c. E-MAIL ADDRESS brian.rheault@wginc.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 | | a. Profile Code | b. Experience | c. Revenue Index Number (see below) |
| | | (1) FIRM | (2) BRANCH | | | |
| 2 | Administrative | 95 | 52 | A02 | Aerial Photograph; Airborne Data and Imagery Collection and Analysis | 1 |
| 6 | Architect | 6 | 0 | A06 | Airports; Terminals and Hangars; Freight Handling | 1 |
| 7 | Biologist | 1 | 1 | B02 | Bridges | 7 |
| 8 | CADD Tech | 47 | 12 | C01 | Cartography | 1 |
| 12 | Civil Engineer | 62 | 14 | C02 | Cemeteries (Planning & Relocation) | 1 |
| 21 | Electrical Engineer | 2 | 0 | C06 | Churches; Chapels | 1 |
| 24 | Environmental Scientist | 5 | 4 | C07 | Coastal Engineering | 1 |
| 29 | GIS Specialist | 2 | 1 | C10 | Commercial Building (Low-Rise); Shopping Centers | 4 |
| 30 | Geologist | 2 | 2 | C11 | Community Facilities | 5 |
| 38 | Land Surveyor | 115 | 72 | C14 | Conservation and Resource Management | 1 |
| 39 | Landscape Architect | 14 | 10 | C16 | Construction Survey | 6 |
| 42 | Mechanical Engineer | 3 | 0 | C17 | Corrosion Control; Cathodic Protection; Electrolysis | 2 |
| 46 | Photogrammetrist | 1 | 0 | C18 | Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting | 5 |
| 47 | Planner: Urban/Regional | 18 | 14 | D04 | Design-Build – Preparation of RFP's | 5 |
| 57 | Structural Engineer | 48 | 5 | D07 | Dining Halls; Clubs; Restaurants | 4 |
| 60 | Transportation Engineer | 56 | 15 | E01 | Ecological & Archaeological Investigations | 2 |
| | Engineer Intern | 48 | 13 | E09 | Environmental Impact Studies, Assessments or Statements | 4 |
| | Parking Planner | 5 | 0 | E10 | Environmental & Natural Resource Mapping | 2 |
| | Other Employees | 8 | 4 | E11 | Environmental Planning | 2 |
| | | | | E12 | Environmental Remediation | 3 |
| | | | | E13 | Environmental Testing and Analysis | 3 |
| | | | | G01 | Garages; Vehicle Maintenance Facilities; Parking Decks | 6 |
| | | | | G03 | Geodetic Surveying: Ground and Airborne | 2 |
| | | | | G04 | Geographic Information System Services: Development, Analysis, and Data Collection | 2 |

| | | | | | | |
|--|--------------|------------|------------|-----|---|---|
| | | | | H01 | Harbors; Jetties; Piers, Ship Terminal Facilities | 3 |
| | | | | H07 | Highways; Streets; Airfield Paving; Parking Lots | 8 |
| | | | | H09 | Hospital & Medical Facilities | 4 |
| | | | | H13 | Hydrographic Surveying | 5 |
| | | | | I04 | Intelligent Transportation Systems | 3 |
| | | | | I06 | Irrigation; Drainage | 4 |
| | | | | L02 | Land Surveying | 8 |
| | | | | L03 | Landscape Architecture | 6 |
| | | | | L04 | Libraries; Museums; Galleries | 1 |
| | | | | L06 | Lighting (Exteriors; Streets; Memorials; Athletic Fields, Etc.) | 2 |
| | | | | O01 | Office Buildings; Industrial Parks | 3 |
| | | | | P03 | Photogrammetry | 1 |
| | | | | P05 | Planning (Community, Regional, Areawide and State) | 2 |
| | | | | P06 | Planning (Site, Installation, and Project) | 6 |
| | | | | P13 | Public Safety Facilities | 2 |
| | | | | R04 | Recreation Facilities (Parks, Marinas, Etc.) | 2 |
| | | | | R06 | Rehabilitation (Buildings; Structures; Facilities) | 6 |
| | | | | R11 | Rivers; Canals; Waterways; Flood Control | 5 |
| | | | | S03 | Seismic Designs & Studies | 6 |
| | | | | S04 | Sewage Collection, Treatment and Disposal | 5 |
| | | | | S09 | Structural Design; Special Structures | 6 |
| | | | | S10 | Surveying; Platting; Mapping; Flood Plain Studies | 7 |
| | | | | S11 | Sustainable Design | 1 |
| | | | | S13 | Storm Water Handling & Facilities | 2 |
| | | | | T03 | Traffic & Transportation Engineering | 6 |
| | | | | T04 | Topographic Surveying & Mapping | 7 |
| | | | | T05 | Towers (Self-Supporting & Guyed Systems) | 4 |
| | | | | U02 | Urban Renewals; Community Development | 1 |
| | | | | V01 | Value Analysis; Life-Cycle Costing | 3 |
| | | | | W01 | Warehouses & Depots | 1 |
| | | | | W02 | Water Resources; Hydrology; Ground Water | 2 |
| | | | | W03 | Water Supply; Treatment and Distribution | 3 |
| | | | | Z01 | Zoning, Land Use Studies | 2 |
| | TOTAL | 538 | 219 | | | |

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

| | |
|---------------------|-----------|
| a. Federal Work | 4 |
| b. Non-Federal Work | 9 |
| c. Total Work | 10 |

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE



b. DATE

02/14/2019

c. NAME AND TITLE

David Wantman, PE / CEO

ARCHITECT-ENGINEER QUALIFICATIONS

PART II - GENERAL QUALIFICATIONS

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

| | | | | |
|--|--|---|---|---|
| 2a. FIRM (or Branch Office) NAME Thompson & Younggross Engineering Consultants, LLC | | | 3. YEAR ESTABLISHED 2004 | 4. UNIQUE ENTITY IDENTIFIER 181268343 |
| 2b. STREET 902 Clint Moore Road, Suite 142 | | | 5. OWNERSHIP | |
| 2c. CITY Boca Raton | | 2d. STATE FL | 2e. ZIP CODE 33487 | a. TYPE LLC 73-1705572 |
| 6a. POINT OF CONTACT NAME AND TITLE Andrew J. Younggross, P.E. | | | b. SMALL BUSINESS STATUS Total Small Business - 541330 | |
| | | | 7. NAME OF FIRM (If Block 2a is a Branch Office) | |
| 6b. TELEPHONE NUMBER 561-274-0200 | | 6c. E-MAIL ADDRESS ANDREW@TECFLA.COM | | |
| 8a. FORMER FIRM NAME(S) (If any) | | | 8b. YEAR ESTABLISHED 1985 | 8c. UNIQUE ENTITY IDENTIFIER 181268343 |
| Thompson Engineering Consultants, Inc. | | | 1998 | 786901178 |
| Younggross & Associates, Inc. | | | | |

9 EMPLOYEES BY DISCIPLINE

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

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

FOR EAST 5 YEARS
(Insert revenue index number shown at right)

| | |
|----------------------|----------|
| a. Federal Work | 1 |
| b. Non-Federal Work | 5 |
| c. Total Work | 5 |

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

| | |
|---|---|
| 1. Less than \$100,000 | 6. \$2 million to less than \$5 million |
| 2. \$100,000 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 |
| 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
01-08-19

c. NAME AND TITLE

ARTUR AMARAL, P.E. PRINCIPAL MECHANICAL ENGINEER



Current/Projected Workload

As a full-service consulting firm, WGI can provide an array of services, including engineering, construction administration/inspection, architecture, geospatial, landscape architecture, environmental, planning, utilities, transportation, structural, MEP, parking solutions, and creative services. **WGI's** project team is located in our corporate office in West Palm Beach, where we have sufficient resources to complete this project in a timely and cost-effective manner, as well as any additional services the City may require. With more than 500 employees in 19 offices across six states, **WGI** has the experience and depth of resources to deliver a quality project to the City.

WGI's recent, current, and projected workload (in descending order of percent completion) is listed in the table below.

| PROJECT | CLIENT | % COMPLETION |
|---|--|--------------|
| Golf Club 12th Fairway Bridge | City of Delray Beach | 100% |
| NE 2nd Avenue Seacrest/Phase I | City of Delray Beach | 100% |
| NE 2nd Avenue Seacrest/Phase II | City of Delray Beach | 100% |
| Block 63 and 17 Alley Improvements | City of Delray Beach | 98% |
| Old School Square HVAC Improvements | City of Delray Beach | 97% |
| Block 25 and 26 Alley Improvements | City of Delray Beach | 95% |
| NW/SW Neighborhood Alleys | City of Delray Beach | 95% |
| Babcock Ranch Deep Freeze Campsites | Florida Fish and Wildlife | 90% |
| North Campus Parking Lot | Keiser University | 90% |
| Murphy Road Bridge | Martin County | 90% |
| PBCWUD Aerial 9 | Mock Roos | 90% |
| Ocean 18 Retaining Wall | Ocean 18 Condominium Association | 90% |
| System 58A & 87 Force Main Replacement | City of Delray Beach | 87% |
| NE 2nd Ave Phase III/Seacrest Blvd | City of Delray Beach | 86% |
| City Marina | City of Delray Beach | 85% |
| Marine Way Seawall and Dock | City of Delray Beach | 83% |
| DB Golf Course Clubhouse Temp EOC | City of Delray Beach | 80% |
| Martin Plant Force Main Watermain Improvements | Florida Power & Light (FPL) | 75% |
| Baseball Field and Concession Building | Oxbridge Academy | 75% |
| Spanish River Seawall | City of Boca Raton | 65% |
| LWDD Control Structure 9 | Mock Roos | 65% |
| Barwick Road (on hold) | City of Delray Beach | 60% |
| Lindell Blvd and Brant Bridge Loop | City of Delray Beach | 36% |
| LWDD Control Structure 20 | Mock Roos | 35% |
| Smith Sundy Bridge | Palm Beach County | 35% |
| 7th Avenue North (Boutwell LAP) | City of Lake Worth | 30% |
| Hyder South Bridge CPS | GL Homes | 30% |
| Palm Beach Yacht Breakwater CPS | Palm Beach Yacht Club | 30% |
| Florida Keys WEA Johnson Tract Trail Improvements | Florida Fish and Wildlife Commission | 25% |
| Fountains Country Club Parcels B, C, and D | Concert Fountains Properties/Ridgewood Real Estate | 20% |
| Indian Springs Parcels | Concert Fountains Properties/Ridgewood Real Estate | 5% |
| Babcock Ranch Yearling Pasture Campsite | Florida Fish and Wildlife Commission | 5% |



WGI Commitment

WGI will provide the day-to-day inspection services for the City's marina. One of the most important qualifications we bring to the City is the commitment of our firm, at all levels, to develop successful deliverables, which are technically sound, on schedule, and within your budget. We are willing and capable of handling all of your project needs and are willing to dedicate all necessary project managers, engineers, and inspectors, as required, to meet your schedule. Our commitment has been demonstrated clearly by **WGI's** superior service and professionalism over the years in providing sound professional engineering services to the City of Delray Beach.



TAB 8 | ATTACHMENTS

City of Delray Beach
CEI Services for City Marina
RFQ No. 2019-020 | Project 16-098



Acknowledgement of Addenda

COPY

City of Delray Beach
RFQ No. 2019-020
Project No. 16-098
CEI Services for City Marina

ACKNOWLEDGEMENT OF ADDENDA

IF SUBMITTING HARD COPY: PRINT AND COMPLETE THIS FORM

IF SUBMITTING ELECTRONICALLY: COMPLETE APPLICABLE WEB FORM ON WWW.BIDSYNC.COM

Please complete Part I or Part II, as applicable

PART I:

List below the dates of issue for each addendum received in connection with this Solicitation:

Addendum #1, Dated January 23, 2019

Addendum #2, Dated _____

Addendum #3, Dated _____

Addendum #4, Dated _____

Addendum #5, Dated _____

Addendum #6, Dated _____

Addendum #7, Dated _____

Addendum #8, Dated _____

Addendum #9, Dated _____

Addendum #10, Dated _____

PART II:

NO ADDENDUM WAS RECEIVED IN CONNECTION WITH THIS SOLICITATION

Wantman Group, Inc.

Firm Name

A handwritten signature in blue ink, appearing to read "B. C. Rheault".

Signature

Brian C. Rheault, PE | Vice President, Structural Solutions | Project Principal

Name and Title (Print or Type)

February 19, 2019

Date



Proposal Submittal Signature Page

COPY

City of Delray Beach
RFQ No. 2019-020
Project No. 16-098
CEI Services for City Marina

PROPOSAL SUBMITTAL SIGNATURE PAGE

IF SUBMITTING HARD COPY: PRINT AND COMPLETE THIS FORM

IF SUBMITTING ELECTRONICALLY: COMPLETE APPLICABLE WEB FORM ON WWW.BIDSYNC.COM

By signing this Proposal, the Proposer certifies that it satisfies all legal requirements as an entity to do business with the City, including all Conflict of Interest and Code of Ethics provisions.

Firm Name:

Wantman Group, Inc.

Street Address:

2035 Vista Parkway; West Palm Beach, FL 33411

Mailing Address (if different from Street Address):

N/A

Telephone Number(s): (561) 687-2220

Fax Number(s): (561) 687-1110

Email Address: brian.rheault@wginc.com

Federal Employer Identification Number: 65-0271367

Prompt Payment Terms: *N/A % days' net days *WGI does not offer discounts for early payment

Signature: 

(Signature of authorized agent)

Print Name: Brian C. Rheault, PE

Title: Vice President, Structural Solutions | Project Principal

Date: February 19, 2019

By signing this document, the Proposer agrees to all terms and conditions of this Solicitation and the resulting contract/agreement.

THE EXECUTION OF THIS FORM CONSTITUTES THE UNEQUIVOCAL OFFER OF PROPOSER TO BE BOUND BY THE TERMS OF ITS PROPOSAL, FOR NOT LESS THAN 90 DAYS, AND THE PROPOSER'S UNEQUIVOCAL OFFER TO BE BOUND BY THE TERMS AND CONDITIONS SET FORTH IN THIS SOLICITATION. FAILURE TO SIGN THIS SOLICITATION WHERE INDICATED ABOVE, BY AN AUTHORIZED REPRESENTATIVE, SHALL RENDER THE PROPOSAL NON-RESPONSIVE. THE CITY MAY, HOWEVER, IN ITS SOLE DISCRETION, ACCEPT ANY PROPOSAL THAT INCLUDES AN EXECUTED DOCUMENT WHICH UNEQUIVOCALLY BINDS THE PROPOSER TO THE TERMS OF ITS PROPOSAL.



Conflict of Interest Disclosure Form

COPY

City of Delray Beach
RFQ No. 2019-020
Project No. 16-098
CEI Services for City Marina

CONFLICT OF INTEREST DISCLOSURE FORM

IF SUBMITTING HARD COPY: PRINT AND COMPLETE THIS FORM

IF SUBMITTING ELECTRONICALLY: COMPLETE APPLICABLE WEB FORM ON WWW.BIDSYNC.COM

The award of this contract is subject to the provisions of Chapter 112, *Florida Statutes*. All Proposers must disclose within their Proposal: the name of any officer, director, or agent who is also an employee of the City of Delray Beach.

Furthermore, all Proposers must disclose the name of any City employee who owns, directly or indirectly, an interest of more than five percent (5%) in the Proposer's firm or any of its branches.

The purpose of this disclosure form is to give the City the information needed to identify potential conflicts of interest for evaluation team members and other key personnel involved in the award of this contract.

The term "conflict of interest" refers to situations in which financial or other personal considerations may adversely affect, or have the appearance of adversely affecting, an employee's professional judgment in exercising any City duty or responsibility in administration, management, instruction, research, or other professional activities.

Please check one of the following statements and attach additional documentation if necessary:

To the best of our knowledge, the undersigned firm has no potential conflict of interest due to any other Cities, Counties, contracts, or property interest for this Proposal.

The undersigned firm, by attachment to this form, submits information which may be a potential conflict of interest due to other Cities, Counties, contracts, or property interest for this Proposal.

Acknowledged by:

Wantman Group, Inc.

Firm Name

Signature

Brian C. Rheault, PE | Vice President, Structural Solutions | Project Principal

Name and Title (Print or Type)

February 19, 2019

Date



Notification of Public Entity Crimes Law

COPY

City of Delray Beach
RFQ No. 2019-020
Project No. 16-098
CEI Services for City Marina

NOTIFICATION OF PUBLIC ENTITY CRIMES LAW

IF SUBMITTING HARD COPY: PRINT AND COMPLETE THIS FORM

IF SUBMITTING ELECTRONICALLY: COMPLETE APPLICABLE WEB FORM ON WWW.BIDSYNC.COM

Pursuant to Section 287.133, *Florida Statutes*, you are hereby notified that a person or affiliate who has been placed on the convicted contractors list following a conviction for a public entity crime may not submit a Proposal on a contract to provide any goods or services to a public entity; may not submit a Proposal on a contract with a public entity for the construction or repair of a public building or public work; may not submit Proposals on leases or real property to a public entity; may not be awarded or perform work as a contractor, supplier, sub-Proposer, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017 [F.S.] for Category Two [\$35,000.00] for a period of thirty-six (36) months from the date of being placed on the convicted contractors list.

Acknowledged by:

Wantman Group, Inc.

Firm Name

A handwritten signature in blue ink, appearing to read "B C Rheault".

Signature

Brian C. Rheault, PE | Vice President, Structural Solutions | Project Principal

Name and Title (Print or Type)

February 19, 2019

Date



Notification of Public Records Law

COPY

City of Delray Beach
RFQ No. 2019-020
Project No. 16-098
CEI Services for City Marina

Notification of Public Records Law Pertaining to Public Contracts and Requests for Contractor Records Pursuant to Chapter 119, Florida Statutes

IF SUBMITTING HARD COPY: PRINT AND COMPLETE THIS FORM

IF SUBMITTING ELECTRONICALLY: COMPLETE APPLICABLE WEB FORM ON WWW.BIDSYNC.COM

Pursuant to Chapter 119, *Florida Statutes*, Contractor shall comply with the public records law by keeping and maintaining public records required by the City of Delray Beach in order to perform the service. Upon request from the City of Delray Beach' custodian of public records, contract shall provide the City of Delray Beach with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, *Florida Statutes* or as otherwise provided by law. Contractor shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract. If the Contractor does not transfer the records to the City of Delray Beach. Contractor upon completion of the contract, shall transfer, at no cost, to the City of Delray Beach all public records in possession of the Contractor or keep and maintain public records required by the City of Delray Beach in order to perform the service. If the Contractor transfers all public records to the City of Delray Beach upon completion of the contract, the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public records upon completion of the contract, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City of Delray Beach, upon request from the City of Delray Beach' custodian of public records, in a format that is compatible with the information technology systems of the City of Delray Beach.

IF CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT OFFICE OF THE CITY CLERK LOCATED AT 100 NW 1ST STREET, DELRAY BEACH, FLORIDA 33444, PHONE NUMBER (561) 243-7000, EMAIL ADDRESS: JOHNSONK@MYDELRAYBEACH.COM.

Acknowledged:

Wantman Group, Inc.

Firm Name

Signature

Brian C. Rheault, PE | Vice President, Structural Solutions | Project Principal

Name and Title (Print or Type)

February 19, 2019

Date



Drug-Free Workplace

COPY

City of Delray Beach
RFQ No. 2019-020
Project No. 16-098
CEI Services for City Marina

DRUG-FREE WORKPLACE

IF SUBMITTING HARD COPY: PRINT AND COMPLETE THIS FORM

IF SUBMITTING ELECTRONICALLY: COMPLETE APPLICABLE WEB FORM ON WWW.BIDSYNC.COM

Wantman Group, Inc. _____ is a drug-free workplace and has
(Company Name)
a substance abuse policy in accordance with and pursuant to Section 440.102, *Florida Statutes*.

Acknowledged by:

Wantman Group, Inc. _____

Firm Name

A handwritten signature in blue ink, appearing to read "B C Rheault".

Signature

Brian C. Rheault, PE | Vice President, Structural Solutions | Project Principal _____

Name and Title (Print or Type)

February 19, 2019 _____

Date



Non-Collusion Affidavit

COPY

City of Delray Beach
RFQ No. 2019-020
Project No. 16-098
CEI Services for City Marina

NON-COLLUSION AFFIDAVIT

There is no web form available on www.bidsync.com for this form. Please print and complete this form

STATE OF Florida
COUNTY OF Palm Beach

Before me, the undersigned authority, personally appeared Brian C. Rheault, who, after being by me first duly sworn, deposes and says of his/her personal knowledge that:

a. He/She is Vice President of Wantman Group, Inc., the Proposer that has submitted a Proposal to perform work for the following:

RFQ No.: 2019-020 Title: CEI Services for City Marina

b. He/She is fully informed respecting the preparation and contents of the attached Request for Qualifications, and of all pertinent circumstances respecting such Solicitation.

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

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

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

B. C. Rheault

Signature

Subscribed and sworn to (or affirmed) before me this _____ day of February 2019, by _____, who is personally known to me or who has produced _____ as identification.

SEAL

Notary Signature _____

Notary Name: _____

Notary Public (State): _____

My Commission No: _____

Expires on: _____

ORIGINAL IS NOTARIZED



Truth-in-Negotiation Certificate

COPY

City of Delray Beach

RFQ No. 2019-020

Project No. 16-098

CEI Services for City Marina

TRUTH – IN – NEGOTIATION CERTIFICATE

IF SUBMITTING HARD COPY: PRINT AND COMPLETE THIS FORM

IF SUBMITTING ELECTRONICALLY: COMPLETE APPLICABLE WEB FORM ON WWW.BIDSYNC.COM

The undersigned warrants (i) that it has not employed or retained any company or person, other than bona fide employees working solely for the undersigned, to solicit or secure the Agreement and (ii) that it has not paid or agreed to pay any person, company, corporation, individual, or firm other than its bona fide employees working solely for the undersigned or agreed to pay any fee, commission, percentage, gift, or any other consideration contingent upon or resulting from the award or making of the Agreement.

The undersigned certifies that the wage rates and other factual unit costs used to determine the compensation provided for in the Agreement are accurate, complete, and current as of the date of the Agreement.

Name: Brian C. Rheault, PETitle: Vice President, Structural Solutions | Project PrincipalDate: February 19, 2019Signature: 



Brian Rheault, PE/SI

Project Principal

brian.rheault@wginc.com • (561) 839-1711

Tim DeLand, PE

Project Manager

tim.deland@wginc.com • (561) 839-1722