

*CITY OF POMPANO BEACH,
FLORIDA*

PROFESSIONAL CONSULTING AGREEMENT

with

WGI, INC.



**CONTINUING CONTRACT FOR CIVIL ENGINEERING
SERVICES FOR VARIOUS CITY PROJECTS E-20-20**

CONTRACT FOR PROFESSIONAL CONSULTING SERVICES

This Contract is made on _____, by and between the CITY OF POMPANO BEACH, a municipal corporation of the State of Florida, hereinafter referred to as "City," and WGI, Inc. a Florida corporation, hereinafter referred to as the "Consultant".

WHEREAS, the Consultant is able and prepared to provide such services as City requires under the terms and conditions set forth herein; and

WHEREAS, the City Commission has approved the recommendation that Consultant be employed by the City and authorized the negotiation of contractual terms.

NOW, THEREFORE, in consideration of the mutual promises herein, the City and the Consultant agree as follows:

ARTICLE 1 – SERVICES/CONSULTANT AND CITY REPRESENTATIVES

The Consultant's responsibility under this Contract is to provide professional consulting services as more specifically set forth in RLI No. E-20-20 attached hereto as Exhibit A and incorporated herein in its entirety.

The Consultant's representative shall be Brett Oldford, PE

The CITY's representative shall be City Engineer or designee,

ARTICLE 2 – TERM

The CONSULTANT shall adhere to the schedule given in each work authorization after receiving the "Notice to Proceed."

Reports and other items shall be delivered or completed in accordance with the detailed schedule set forth in individual Work Authorizations as negotiated.

The Term of this Contract shall be for an initial period of five (5) years from the date of execution by both the City and the Consultant.

ARTICLE 3 – PAYMENTS TO CONSULTANT

A. City agrees to pay Consultant in consideration for its services described herein. It is the intention of the parties hereby to ensure that unless otherwise directed by the City in writing, Consultant will continue to provide services as specified in Exhibit A for the term of this Contract.

B. Price Formula. City agrees to pay Consultant as negotiated on a Work Authorization basis. Each work authorization shall specifically identify the scope of the work to be performed and the fees for said services. As set forth in RLI No. E-20-20, professional services under this contract will be restricted to those required for any project for which construction costs will not exceed four million dollars (\$4,000,000.00), and for any study activity fees shall not exceed five hundred thousand dollars (\$500,000.00).

C. Fee Determination. Each individual Work Authorization may be negotiated for fees to be earned by Time and Materials with a Not to Exceed Amount, Lump Sum, or a combination of both methods for subtasks contained therein. The total amount to be paid by the City under a Work Authorization shall not exceed specified amounts for all services and materials including “out of pocket” expenses as specified in Paragraph E below and also including any approved subcontracts unless otherwise agreed in writing by both parties. The Consultant shall notify the City’s Representative in writing when 90% of the “not to exceed amount” for the total Work Authorization has been reached. The Consultant will bill the City on a monthly basis, or as otherwise provided. Time and Materials billing will be made at the amounts set forth in Exhibit B for services rendered toward the completion of the Scope of Work. Where incremental billings for partially completed items are permitted, the total billings shall not exceed the estimated percentage of completion as of the billing date. It is acknowledged and agreed to by the Consultant that the dollar limitation set forth in this section is a limitation upon and describes the maximum extent of City’s obligation to pay Consultant, but does not include a limitation upon Consultant’s duty to perform all services set forth in Exhibit A for the total compensation in the amount or less than the guaranteed maximum stated above.

D. Invoices received by the City from the Consultant pursuant to this Contract will be reviewed and approved in writing by the City’s Representative, indicating that services have been rendered in conformity with the Contract, and then will be sent to the City’s Finance Department for payment. All invoices shall contain a detailed breakdown of the services provided for which payment is being requested. In addition to detailed invoices, upon request of the City’s representative, Consultant shall provide City with detailed periodic Status Reports on the project. All invoice payments by City shall be made after the Work has been verified and completed. Unless disputed by City as provided herein, upon City’s receipt of a Proper Invoice as defined in §218.72, Florida Statutes, as amended, City shall forward Consultant payment for work performed within forty five (45) days for all goods and services provided.

City may temporarily remove for review any disputed amount, by line item, from an invoice and shall timely provide Consultant written notification of any such disputed charge. Consultant shall provide clarification and a satisfactory explanation to City, along with revised copies of all such documents if inaccuracies or errors are discovered, within ten (10) days of receipt of City’s notice of the disputed amount

In the event City has a claim against Consultant for Work performed hereunder which has not been timely remedied in accordance with the provisions of this Article 3, City may withhold payment for the contested amount, in whole or in part, to protect itself from loss on account of defective Work, claims filed or reasonable evidence indicating probable filing of claims by other parties against Consultant, and/or Consultant's failure to make proper payments to subcontractors or vendors for material or labor. When the reason(s) for withholding payment are removed or resolved in a manner satisfactory to City, payment shall be made.

E. "Out-of-pocket" expenses shall be reimbursed up to an amount not to exceed amounts included in each Work Authorization. All requests for payment of "out-of-pocket" expenses eligible for reimbursement under the terms of this Contract shall include copies of paid receipts, invoices, or other documentation acceptable to the City's Representative and to the Finance Department. Such documentation shall be sufficient to establish that the expense was actually incurred and necessary in the performance of the Scope of Work described in a Work Authorization and this Contract. All out-of-pocket, reimbursables and expenses shall be billed at actual amount paid by Consultant, with no markup.

F. Final Invoice. In order for both parties herein to close their books and records, the Consultant will clearly state "Final Invoice" on the Consultant's final/last billing to the City. This final invoice shall also certify that all services provided by Consultant have been properly performed and all charges and costs have been invoiced to the City. Because this account will thereupon be closed, any and other further charges not properly included on this final invoice are waived by the Consultant.

ARTICLE 4 – TRUTH-IN-NEGOTIATION CERTIFICATE

Signature of this Contract by the Consultant shall also act as the execution of a truth in negotiation certificate, certifying that the wage rates, overhead charges, and other costs used to determine the compensation provided for this Contract are accurate, complete and current as of the date of the Contract and no higher than those charged the Consultant's most favored customer for the same or substantially similar service. Should the City determine that said rates and costs were significantly increased due to incomplete, non-current or inaccurate representation, then said rates shall be adjusted accordingly.

ARTICLE 5 – TERMINATION

City shall have the right to terminate this Contract, in whole or in part, for convenience, cause, default or negligence on Consultant's part, upon ten (10) business days advance written notice to Consultant. Such Notice of Termination may include City's proposed Transition Plan and timeline for terminating the Work, requests for certain Work product documents and materials, and other provisions regarding winding down concerns and activities.

If there is any material breach or default in Consultant's performance of any covenant or obligation hereunder which has not been remedied within ten (10) business days after City's

written Notice of Termination, City, in its sole discretion, may terminate this Contract immediately and Consultant shall not be entitled to receive further payment for services rendered from the effective date of the Notice of Termination.

In the event of termination, City shall compensate Consultant for all authorized Work satisfactorily performed through the termination date under the payment terms set forth in Article 3 above and all Work product documents and materials shall be delivered to City within ten (10) business days from the Notice of Termination. If any Work hereunder is in progress but not completed as of the date of the termination, then upon City's written approval, this Contract may be extended until said Work is completed and accepted by City.

This Contract may be cancelled by the Consultant, upon thirty (30) days prior written notice to the City's Representative, in the event of substantial failure by the City to perform in accordance with the terms of this Contract through no fault of the Consultant.

ARTICLE 6 – PERSONNEL

The Consultant is, and shall be, in the performance of all work services and activities under this Contract, an independent Contractor, and not an employee, agent or servant of the City. All persons engaged in any of the work or services performed pursuant to this Contract shall at all times, and in all places, be subject to the Consultant's sole direction, supervision, and control and shall not in any manner be deemed to be employees of the City. The Consultant shall exercise control over the means and manner in which it and its employees perform the work. This contract does not create a partnership or joint venture between the parties.

The Consultant represents that it has, or will secure at its own expense, all necessary personnel required to perform the services under this Contract. Such personnel shall not be employees of or have any contractual relationship with the City, nor shall such personnel be subject to any withholding for tax, Social Security or other purposes by the City, nor be entitled to any benefits of the City including, but not limited to, sick leave, pension benefits, vacation, medical benefits, life insurance, workers or unemployment compensation benefits, or the like from the City.

All of the services required hereunder shall be performed by the Consultant or under its supervision, and all personnel engaged in performing the services shall be fully qualified and, if required, authorized or permitted under state and local law to perform such services.

Any changes or substitutions in the Consultant's key personnel, as may be listed in Article 1, must be made known to the City's Representative at the time substitution becomes effective.

The Consultant warrants that all services shall be performed by skilled and competent personnel to the degree exercised by consultants performing the same or similar services in the same location at the time the services are provided.

ARTICLE 7 – SUBCONTRACTING

Consultant may subcontract any services or work to be provided to City with the prior written approval of the City's Representative. The City reserves the right to accept the use of a subcontractor or to reject the selection of a particular subcontractor and to inspect all facilities of any subcontractors in order to make determination as to the capability of the subcontractor to perform properly under this Contract. The City's acceptance of a subcontractor shall not be unreasonably withheld. The Consultant is encouraged to seek small business enterprises and to utilize businesses that are physically located in the City of Pompano Beach with a current Business Tax Receipt for participation in its subcontracting opportunities.

ARTICLE 8 – FEDERAL AND STATE TAX

The City is exempt from payment of Florida State Sales and Use Taxes. The City will provide the Consultant with the current state issued exemption certificate. The Consultant shall not be exempted from paying sales tax to its suppliers for materials used to fulfill contractual obligations with the City, nor is the Consultant authorized to use the City's Tax Exemption Number in securing such materials.

The Consultant shall be responsible for payment of its own and its share of its employees' payroll, payroll taxes and benefits with respect to this Contract

ARTICLE 9 – AVAILABILITY OF FUNDS

The City's performance and obligation to pay under this contract is contingent upon appropriation for various projects, tasks and other professional services by the City Commission.

ARTICLE 10 - INSURANCE REQUIREMENTS

The Consultant shall not commence work under this Contract until it has obtained all insurance required under this paragraph and such insurance has been approved by the Risk Manager of the City, nor shall the Consultant allow any Subcontractor to commence work on its sub-contract until the aforementioned approval is obtained.

CERTIFICATE OF INSURANCE, reflecting evidence of the required insurance, shall be filed with the Risk Manager prior to the commencement of the work. The Certificate shall contain a provision that coverage afforded under these policies will not be cancelled, will not expire and will not be materially modified until at least thirty (30) days prior written notice has been given to the City. Policies shall be issued by companies authorized to conduct business under the laws of the State of Florida and shall have adequate Policyholders and Financial ratings in the latest ratings of A. M. Best and be part of the **Florida Insurance Guarantee Association Act**.

Insurance shall be in force until all work required to be performed under the terms of the Contract is satisfactorily completed as evidenced by the formal acceptance by the City. In the event the Insurance Certificate provided indicates that the insurance shall terminate and lapse during the period of this Contract, the Consultant shall furnish, at least ten (10) days prior to the

expiration of the date of such insurance, a renewed Certificate of Insurance as proof that equal and like coverage for the balance of the period of the Contract and extension thereunder is in effect. The Consultant shall not continue to work pursuant to this Contract unless all required insurance remains in full force and effect.

Limits of Liability for required insurance are shown in Exhibit C.

The City of Pompano Beach must be named as an additional insured for the Automobile and Commercial General Liability Coverage.

For Professional Liability, if coverage is provided on a claims made basis, then coverage must be continued for the duration of this Contract and for not less than one (1) year thereafter, or in lieu of continuation, provide an "extended reporting clause" for one (1) year.

Consultant shall notify the City Risk Manager in writing within thirty (30) days of any claims filed or made against the Professional Liability Insurance Policy.

For Workers' Compensation Insurance, coverage shall be maintained during the life of this Contract to comply with statutory limits for all employees, and in the case of any work sublet, the Consultant shall require any Subcontractors similarly to provide Workers' Compensation Insurance for all the latter's employees unless such employees are covered by the protection afforded by the Consultant. The Consultant and his Subcontractors shall maintain during the life of this Contract Employer Liability Insurance.

ARTICLE 11 – INDEMNIFICATION

A. Consultant shall at all times indemnify, hold harmless the City, its officials, employees, volunteers and other authorized agents from and against any and all claims, demands, suit, damages, attorneys' fees, fines, losses, penalties, defense costs or liabilities suffered by the City to the extent caused by any negligent act, omission, breach, recklessness or misconduct of Consultant and/or any of its agents, officers, or employees hereunder, including any inaccuracy in or breach of any of the representations, warranties or covenants made by the Consultant, its agents, officers and/or employees, in the performance of services of this contract. To the extent considered necessary by City, any sums due Consultant hereunder may be retained by City until all of City's claims for indemnification hereunder have been settled or otherwise resolved, and any amount withheld shall not be subject to payment or interest by City.

B. Consultant acknowledges and agrees that City would not enter into this Contract without this indemnification of City by Consultant. The parties agree that one percent (1%) of the total compensation paid to Consultant hereunder shall constitute specific consideration to Consultant for the indemnification provided under this Article and these provisions shall survive expiration or early termination of this Contract.

C. Nothing in this Agreement shall constitute a waiver by the City of its sovereign immunity limits as set forth in section 768.28, Florida Statutes. Nothing herein shall be construed as consent from either party to be sued by third parties.

ARTICLE 12 – SUCCESSORS AND ASSIGNS

The City and the Consultant each binds itself and its partners, successors, executors, administrators and assigns to the other party of this Contract and to the partners, successors, executors, administrators and assigns of such other party, in respect to all covenants of this Contract. Except as above, neither the City nor the Consultant shall assign, sublet, encumber, convey or transfer its interest in this Contract without prior written consent of the other. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of the City, which may be a party hereto, nor shall it be construed as giving any rights or benefits hereunder to anyone other than the City and the Consultant.

ARTICLE 13 – REMEDIES

The laws of the State of Florida shall govern this Contract. Any and all legal action between the parties arising out of the Contract will be held in Broward County. No remedy herein conferred upon any party is intended to be exclusive of any other remedy, and each and every such remedy shall be cumulative and shall be in addition to every other remedy given hereunder or now or hereafter existing at law or in equity or by statute or otherwise. No single or partial exercise by any party of any right, power or remedy hereunder shall preclude any other or further exercise thereof.

ARTICLE 14 – CONFLICT OF INTEREST

The Consultant represents that it has no interest and shall acquire no interest, either direct or indirect, which would conflict in any manner with the performance of services required hereunder, as provided for in the Code of Ethics for Public Officers and Employees (Chapter 112, Part III, Florida Statutes). The Consultant further represents that no person having any interest shall be employed for said performance.

The Consultant shall promptly notify the City's representative, in writing, by certified mail, of a potential conflict(s) of interest for any prospective business association, interest or other circumstance, which may influence or appear to influence the Consultant's judgment or quality of services being provided hereunder. Such written notification shall identify the prospective business association, interest or circumstance, the nature of work that the Consultant may undertake and request an opinion of the City as to whether the association, interest or circumstance would, in the opinion of the City, constitute a conflict of interest if entered into by the Consultant. The City agrees to notify the Consultant of its opinion by certified mail within thirty (30) days of receipt of notice by the Consultant. If, in the opinion of the City, the prospective business association, interest, or circumstance would not constitute a conflict of interest by the Consultant, the City shall so state in the notice and the Consultant shall at its option, enter into said association, interest or circumstance and it shall be deemed not a conflict of interest with respect to services provided to the City by the Consultant under the terms of this Contract.

ARTICLE 15 – EXCUSABLE DELAYS

The Consultant shall not be considered in default by reason of any failure in performance if such failure arises out of causes reasonably beyond the control of the Consultant or its subcontractors and without their fault or negligence. Such causes include, but are not limited to, acts of God; natural or public health emergencies; freight embargoes; and abnormally severe and unusual weather conditions.

Upon the Consultant's request, the City shall consider the facts and extent of any failure to perform the work and, if the Consultant's failure to perform was without it, or its subcontractors fault or negligence, the Contract Schedule and/or any other affected provision of this Contract shall be revised accordingly; subject to the City's rights to change, terminate, or stop any or all of the work at any time.

ARTICLE 16 – DEBT

The Consultant shall not pledge the City's credit or attempt to make it a guarantor of payment or surety for any contract, debt, obligation, judgment, lien or any form of indebtedness. The Consultant further warrants and represents that it has no obligation or indebtedness that would impair its ability to fulfill the terms of this Contract.

ARTICLE 17 – DISCLOSURE AND OWNERSHIP OF DOCUMENTS

The Consultant shall deliver to the City's representatives for approval and acceptance, and before being eligible for final payment of any amounts due, all documents and materials prepared by and for the City under this Contract.

All written and oral information not in the public domain or not previously known, and all information and data obtained, developed, or supplied by the City or at its expense will be kept confidential by the Consultant and will not be disclosed to any other party, directly or indirectly, without the City's prior written consent unless required by a lawful order. All drawings, maps, sketches, programs, data base, reports and other data developed, or purchased, under this Contract for or at the City's expense shall be and remain the City's property and may be reproduced and reused at the discretion of the City.

A. The City of Pompano Beach is a public agency subject to Chapter 119, Florida Statutes. The Consultant shall comply with Florida's Public Records Law, as amended. Specifically, the Consultant shall:

1. Keep and maintain public records required by the City in order to perform the service.
2. Upon request from the City's custodian of public records, provide the City with a copy of 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.

3. 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 Consultant does not transfer the records to the City.

4. Upon completion of the contract, transfer, at no cost to the City, all public records in possession of the Consultant, or keep and maintain public records required by the City to perform the service. If the Consultant transfers all public records to the City upon completion of the contract, the Consultant shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Consultant keeps and maintains public records upon completion of the contract, the Consultant shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City's custodian of public records in a format that is compatible with the information technology systems of the City.

B. Failure of the Consultant to provide the above described public records to the City within a reasonable time may subject Consultant to penalties under 119.10, Florida Statutes, as amended.

PUBLIC RECORDS CUSTODIAN

IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

**CITY CLERK
100 W. Atlantic Blvd., Suite 253
Pompano Beach, Florida 33060
(954) 786-4611
RecordsCustodian@copbfl.com**

All covenants, agreements, representations and warranties made herein, or otherwise made in writing by any party pursuant hereto, including but not limited to any representations made herein relating to disclosure or ownership of documents, shall survive the execution and delivery of this Contract and the consummation of the transactions contemplated thereby.

ARTICLE 18 – CONTINGENT FEES

The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant to solicit or secure this Contract and that it has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, gift, or any other consideration contingent upon or resulting from the award or making of this Contract. Violation of this Article shall constitute a forfeiture of this Contract by Consultant.

ARTICLE 19 – ACCESS AND AUDITS

The Consultant shall maintain adequate records to justify all charges, expenses, and cost incurred in estimating and performing the work for at least three (3) years after completion of this Contract. The City shall have access to such books, records and documents as required in this section for the purpose of inspection or audit during normal business hours, at the Consultant's place of business.

ARTICLE 20 – NONDISCRIMINATION

The Consultant warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, disability, sex, age, national origin, ancestry, marital status and sexual orientation.

ARTICLE 21 – INTERPRETATION

The language of this Contract has been agreed to by both parties to express their mutual intent and no rule of strict construction shall be applied to either party hereto. The headings are for reference purposes only and shall not affect in any way the meaning or interpretation of this Contract. All personal pronouns used in this Contract shall include the other gender, and the singular, the plural, and vice versa, unless the context otherwise requires.

ARTICLE 22 – AUTHORITY TO PRACTICE

The Consultant hereby represents and warrants that it has and will continue to maintain all licenses and approvals required conducting its business, and that it will at all times conduct its business activities in a reputable manner. Proof of such licenses and approvals shall be submitted to the City's representative upon request.

ARTICLE 23 – SEVERABILITY

If any term or provision of this Contract, or the application thereof to any person or circumstances shall, to any extent be held invalid or unenforceable, to remainder of this Contract, or the application of such terms or provision, to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this Contract shall be deemed valid and enforceable to the extent permitted by law.

ARTICLE 24 – ENTIRETY OF CONTRACTUAL AGREEMENT

The City and the Consultant agree that this Contract, together with the Exhibits hereto, sets forth the entire agreement between the parties, and that there are no promises or understandings other than those stated herein. It is further agreed that no modification, amendment or alteration in the terms or conditions contained herein shall be effective unless contained in a written document executed with the same formality and of equal dignity herewith. None of the provisions, terms and conditions contained in this Contract may be added to, modified, superseded or otherwise altered, except by written instrument executed by the parties hereto in accordance with Article 25 – Modification of Work. In the event of any conflict or inconsistency between this Contract and the provisions in the incorporated Exhibits, the terms of this Contract shall supersede and prevail over the terms in the Exhibits.

ARTICLE 25 – MODIFICATION OF SCOPE OF WORK

The City reserves the right to make changes in the Scope of Work, including alterations, reductions therein or additions thereto. Upon receipt by the Consultant of the City's notification of a contemplated change, the Consultant shall, in writing: (1) provide a detailed estimate for the increase or decrease in cost due to the contemplated change; (2) notify the City of any estimated change in the completion date; and (3) advise the City if the contemplated change shall affect the Consultant's ability to meet the completion dates or schedules of this Contract.

If the City so instructs in writing, the Consultant shall suspend work on that portion of the Scope of Work affected by a contemplated change, pending the City's decision to proceed with the change.

If the City elects to make the change, the City shall initiate a Work Authorization Amendment and the Consultant shall not commence work on any such change until such written amendment is signed by the Consultant and the City Manager, and if such amendment is in excess of \$75,000, it must also first be approved by the City Commission and signed by the appropriate City Official authorized by the City Commission.

The City shall not be liable for payment of any additional or modified work, which is not authorized in the manner provided for by this Article.

ARTICLE 26 – NOTICE

All notices required in this Contract shall be sent by certified mail, return receipt requested, to the following:

FOR CITY:

City Manager
City of Pompano Beach
Post Office Drawer 1300
Pompano Beach, Florida 33061

FOR CONSULTANT:

Brett Oldford, PE
WGI, Inc
2035 Vista Parkway
West Palm Beach, FL 33411

ARTICLE 27 – OWNERSHIP OF DOCUMENTS

All finished or unfinished documents, data, reports, studies, surveys, drawings, maps, models and photographs prepared or provided by the Consultant in connection with this Contract shall become property of the City, whether the project for which they are made is completed or not, and shall be delivered by Consultant to City within ten (10) days of notice of termination. If applicable, City may withhold any payments then due to Consultant until Consultant complies with the provisions of this section.

ARTICLE 28 – PROMOTING PROJECT OBJECTIVES

Consultant, its employees, subcontractors, and agents shall refrain from acting adverse to the City's interest in promoting the goals and objectives of the projects. Consultant shall take all reasonable measures necessary to effectuate these assurances. In the event Consultant determines it is unable to meet or promote the goals and objectives of the projects, it shall immediately notify the City and the City, may then in its discretion, terminate this Contract.

ARTICLE 29 – PUBLIC ENTITY CRIMES ACT

As of the full execution of this Contract, Consultant certifies that in accordance with §287.133, Florida Statutes, it is not on the Convicted Vendors List maintained by the State of Florida, Department of General Services. If Consultant is subsequently listed on the Convicted Vendors List during the term of this Contract, Consultant agrees it shall immediately provide City written notice of such designation in accordance with Article 26 above.

ARTICLE 30 – GOVERNING LAW

This Contract must be interpreted and construed in accordance with and governed by the laws of the State of Florida. The exclusive venue for any lawsuit arising from, related to, or in connection with this Agreement will be in the state courts of the Seventeenth Judicial Circuit in and for Broward County, Florida. If any claim arising from, related to, or in connection with this Agreement must be litigated in federal court, the exclusive venue for any such lawsuit will be in the United States District Court or United States Bankruptcy Court for the Southern District of Florida. BY ENTERING INTO THIS AGREEMENT, THE PARTIES HEREBY EXPRESSLY WAIVE ANY RIGHTS EITHER PARTY MAY HAVE TO A TRIAL BY JURY OF ANY CIVIL LITIGATION RELATED TO THIS AGREEMENT.

ARTICLE 31 - BINDING EFFECT

The benefits and obligations imposed pursuant to this Contract shall be binding and enforceable by and against the parties hereto.

THE REMAINDER OF THE PAGE IS INTENTIONALLY LEFT BLANK

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year hereinabove written.

Attest:

CITY OF POMPANO BEACH

ASCELETA HAMMOND, CITY CLERK

By: _____
REX HARDIN, MAYOR

(SEAL)

By: _____
GREGORY P. HARRISON, CITY MANAGER

APPROVED AS TO FORM:

MARK E. BERMAN, CITY ATTORNEY

"CONSULTANT"

WGI, Inc.

Witnesses:

[Signature]

Signature

BRETT OLDFORD

Name Typed, Printed or Stamped

By:

[Signature]

David Wantman, CEO

[Signature]

Signature

STEPHEN CHERRY

Name Type, Printed or Stamped

STATE OF FLORIDA
COUNTY OF Palm Beach

The foregoing instrument was acknowledged before me, by means of physical presence or online notarization, this 20th day of JANUARY, 2021, by ~~Gregory Sauter~~, as ~~President~~ of WGI, Inc., a Florida corporation, on behalf of the corporation. He is personally known to me or who has produced _____ (type of identification) as identification.

CEO

David Wantman

NOTARY'S SEAL:
Cyndy Little
NOTARY PUBLIC
STATE OF FLORIDA
Comm# GG189612
Expires 3/31/2022



NOTARY PUBLIC, STATE OF FLORIDA

[Signature]
Cyndy Little

(Name of Acknowledger Typed, Printed or Stamped)

GG189612

Commission Number



Florida's Warmest Welcome

**CITY OF POMPANO BEACH
REQUEST FOR LETTERS OF INTEREST
E-20-20**

**CONTINUING CONTRACT FOR CIVIL ENGINEERING
SERVICES FOR VARIOUS CITY PROJECTS**

**RLI OPENING: July 30, 2020 2:00 P.M.
VIRTUAL ZOOM MEETING**

June 30, 2020

CITY OF POMPANO BEACH, FLORIDA
REQUEST FOR LETTERS OF INTEREST
E-20-20

CONTINUING CONTRACT FOR CIVIL ENGINEERING SERVICES FOR VARIOUS CITY
PROJECTS

Pursuant to Florida Statutes Chapter 287.055 "Consultants' Competitive Negotiation Act" the City of Pompano Beach and the Pompano Beach Community Redevelopment Association (CRA) invite professional firms to submit qualifications and experience for consideration to provide construction engineering inspection (CEI) services to the City and the CRA on a continuing as-needed basis.

The City will receive sealed proposals until **2:00 p.m. (local), July 30, 2020**. Proposals must be submitted electronically through the eBid System on or before the due date/time stated above. Any proposal received after the due date and time specified, will not be considered. Any uncertainty regarding the time a proposal is received will be resolved against the Proposer.

Proposer must be registered on the City's eBid System in order to view the solicitation documents and respond to this solicitation. The complete solicitation document can be downloaded for free from the eBid System as a pdf at: <https://pompanobeachfl.ionwave.net>. The City is not responsible for the accuracy or completeness of any documentation the Proposer receives from any source other than from the eBid System. Proposer is solely responsible for downloading all required documents. A list of proposers will be read aloud in a public forum.

Introduction

The City of Pompano Beach is seeking qualified civil engineering firms to work on various projects for City and the CRA. The projects range in magnitude from small-scale to large or specialized designs.

The types of projects to be undertaken may include, but are not limited to:

- The City's approved Capital Improvement Plan (CIP) maybe found here: [Adopted Capital Improvement Plan FY 2020-2024](#)
- Roadway, Streetscape or Parking Lot projects.
- Water or Reuse Main projects.
- Gravity Sewer Main projects.
- Force Main projects.
- Lift station/pump station rehabilitation projects.
- Parks and Recreational Facilities.
- Seawall and dock construction and repair.
- Storm Water/Drainage Improvement projects
- Consultation for Emergency Water/Wastewater/Stormwater Repairs.
- Inspection Services for Emergency Water/Wastewater/Stormwater Repairs.
- Canal and lake dredging.

- Grant reimbursement, FAA and FDOT support and compliance.
- SRF support and Davis Bacon Wage Reporting requirements
- Support Services for Remediation
- Demolition Projects

A. Scope of Services

The City intends to issue multiple contracts to civil engineering firms to provide continuing professional services to the City and the CRA for various projects as-needed. Professional services under this contract will be restricted to those required for any project for which construction costs will not exceed \$4 million, and for any study activity for which fees will not exceed \$500,000.00.

The scope of services may include, but is not limited to, the following:

- Prepare preliminary design reports and/or design alternative recommendations. This may include various types of utility modeling, surveying, and field data analysis.
- Prepare all required bidding/construction documents for projects. This may include the preparation of surveys, design plans and construction documents, technical specifications, and cost estimates. Attendance at required pre-design, design, bidding and bid award meeting may also be required.
- Attend pre-bid conference, prepare possible bid addenda for contract document revisions. Assist in making bid award recommendations for contracting/construction services.
- Prepare all required permit applications and submittal packages as required for permit issuance of all agency permits (i.e. Federal, State, County and City).
- Provide construction engineering/management/administration services for projects. Services during construction may include shop drawing/contractor submittal reviews and approvals, inspection and approval of project improvements, certification of projects for various permitting entities, possible field revisions, and review and approval of contractor pay applications.
- Provide project close-out services. This may include preliminary and final acceptance of projects, preparation and approval of punch list items and project certification as required to all permitting agencies.

Firms must have previous municipal experience and must be licensed to practice **Civil Engineering services** in the State of Florida, Florida State Statute 481, by the Board of Professional Regulation.

B. Task/Deliverables

Tasks and deliverables will be determined per project. Each project shall require a signed Work Authorization (WA) form from the awarded firm to be provided to the City or the CRA. Forms shall be completed in its entirety and include the agreed upon scope, tasks, schedule, cost, and deliverables for the project. Consultant will be required to provide all applicable insurance requirements.

C. Term of Contract

The Term of this Contract shall be for an initial period of five (5) years from the date of execution by both the City and the Consultant.

D. Project Web Requirements:

1. This project will utilize e-Builder Enterprise™, a web-based project management tool. This web-based application is a collaboration tool, which will allow all project team members continuous access through the Internet to important project data as well as up to the minute decision and approval status information.

e-Builder Enterprise™ is a comprehensive Project and Program Management system that the City will use to manage all project documents, communications and costs between the Lead Consultant, Sub-Consultants, Design Consultants, Contractor and Owner. e-Builder Enterprise™ includes extensive reporting capabilities to facilitate detailed project reporting in a web-based environment that is accessible to all parties and easy to use. Training will be provided for all consultants selected to provide services for the City of Pompano Beach.

2. Lead and Sub-Consultants shall conduct project controls outlined by the Owner, Project Manager, and/or Construction Manager, utilizing e-Builder Enterprise™. **The designated web-based application license(s) shall be provided by the City to the Prime Consultant and Sub-Consultants.** No additional software will be required.

Lead Consultant and Sub-Consultants shall have the responsibility for logging in to the project web site on a daily basis, and as necessary to be kept fully apprised of project developments and required action items. , These may include but are not limited to: Contracts, Contract Exhibits, Contract Amendments, Drawing Issuances, Addenda, Bulletins, Permits, Insurance & Bonds, Safety Program Procedures, Safety Notices, Accident Reports, Personnel Injury Reports, Schedules, Site Logistics, Progress Reports, Correspondence, Daily Logs, Non-Conformance Notices, Quality Control Notices, Punch Lists, Meeting Minutes, Requests for Information, Submittal Packages, Substitution Requests, Monthly Payment Request Applications, Supplemental Instructions, Owner Change Directives, Potential Change Orders, Change Order Requests, Change Orders and the like. All supporting data including but not limited to shop drawings, product data sheets, manufacturer data sheets and instructions, method statements, safety SDS sheets, Substitution Requests and the like will be submitted in digital format via e-Builder Enterprise™.

E. Local Business Program

On March 13, 2018, the City Commission approved Ordinance 2018-46, establishing a Local Business Program, a policy to increase the participation of City of Pompano Beach businesses in the City's procurement process.

For purposes of this solicitation, "Local Business" will be defined as follows:

1. **TIER 1 LOCAL VENDOR. POMPANO BEACH BUSINESS EMPLOYING POMPANO BEACH RESIDENTS.** A business entity which has maintained a permanent place of business within the city limits and maintains a staffing level, within this local office, of at least ten percent who are residents of the City of Pompano Beach or includes

subcontracting commitments to Local Vendors Subcontractors for at least ten percent of the contract value. The permanent place of business may not be a post office box. The business must be located in a non-residential zone, and must actually distribute goods or services from that location. The business must be staffed with full-time employees within the limits of the city. In addition, the business must have a current business tax receipt from the City of Pompano Beach for a minimum of one year prior to the date of issuance of a bid or proposal solicitation.

2. **TIER 2 LOCAL VENDOR. BROWARD COUNTY BUSINESS EMPLOYING POMPANO BEACH RESIDENTS OR UTILIZING LOCAL VENDOR SUBCONTRACTORS.** A business entity which has maintained a permanent place of business within Broward County and maintains a staffing level, within this local office, of at least 15% who are residents of the City of Pompano Beach or includes subcontracting commitments to Local Vendors Subcontractors for at least 20% of the contract value. The permanent place of business may not be a post office box. The business must be located in a non-residential zone, and must actually distribute goods or services from that location. The business must be staffed with full-time employees within the limits of the city. In addition, the business must have a current business tax receipt from the respective Broward County municipality for a minimum of one year prior to the date of issuance of a bid or proposal solicitation.
3. **LOCAL VENDOR SUBCONTRACTOR. POMPANO BEACH BUSINESS.** A business entity which has maintained a permanent place of business within the city limits of the City of Pompano Beach. The permanent place of business may not be a post office box. The business must be located in a non-residential zone, and must actually distribute goods or services from that location. The business must be staffed with full-time employees within the limits of the city. In addition, the business must have a current business tax receipt from the City of Pompano Beach for a minimum of one year prior to the date of issuance of a bid or proposal solicitation.

You can view the list of City businesses that have a current Business Tax Receipt on the City's website, and locate local firms that are available to perform the work required by the bid specifications. The business information, sorted by business use classification, is posted on the webpage for the Business Tax Receipt Division: www.pompanobeachfl.gov by selecting the Pompano Beach Business Directory in the Shop Pompano! section.

The City of Pompano Beach is **strongly committed** to insuring the participation of City of Pompano Beach Businesses as contractors and subcontractors for the procurement of goods and services, including labor, materials and equipment. Proposers are required to participate in the City of Pompano Beach's Local Business Program by including, as part of their package, the Local Business Participation Form (Exhibit A,) listing the local businesses that will be used on the contract, and the Letter of Intent Form (Exhibit B) from each local business that will participate in the contract.

Please note that, while no goals have been established for this solicitation, the City encourages Local Business participation in *all* of its procurements.

If a Prime Contractor/Vendor is not able to achieve the level of goal attainment of the contract, the Prime Vendor will be requested to demonstrate and document that good faith efforts were made to achieve the goal by providing the Local Business Unavailability Form (Exhibit C), listing firms that were contacted but not available, and the Good Faith Effort Report (Exhibit D), describing the efforts made to include local business participation in the contract. This documentation shall be provided to the City Commission for acceptance.

The awarded proposer will be required to submit "Local Business Subcontractor Utilization Reports" during projects and after projects have been completed. The reports will be submitted to the assigned City project manager of the project. The Local Business Subcontractor Utilization Report template and instructions have been included in the bid document.

Failure to meet Local Vendor Goal commitments will result in "unsatisfactory" compliance rating. Unsatisfactory ratings may impact award of future projects if a sanction is imposed by the City Commission.

The city shall award a Local Vendor preference based upon vendors, contractors, or subcontractors who are local with a preferences follows:

1. For evaluation purposes, the Tier 1 and Tier 2 businesses shall be a criterion for award in this Solicitation. No business may qualify for more than one tier level.
2. For evaluation purposes, local vendors shall receive the following preferences:
 - a. Tier 1 business as defined by this subsection shall be granted a preference in the amount of five percent of total score.
 - b. Tier 2 business as defined by this subsection shall be granted a preference in the amount of two and one-half percent of total score.
3. It is the responsibility of the awarded vendor/contractor to comply with all Tier 1 and Tier 2 guidelines. The awarded vendor/contractor must ensure that all requirements are met before execution of a contract.

F. Required Proposal Submittal

Sealed proposals shall be submitted electronically through the eBid System on or before the due date/time stated above. Proposer shall upload response as one (1) file to the eBid System. The file size for uploads is limited to 250 MB. If the file size exceeds 10 MB the response must be split and uploaded as two (2) separate files.

Information to be included in the proposal: In order to maintain comparability and expedite the review process, it is required that proposals be organized in the manner specified below, with the sections clearly labeled:

Title page:

Show the project name and number, the name of the Proposer's firm, address, telephone number, name of contact person and the date.

Table of Contents:

Include a clear identification of the material by section and by page.

Letter of Transmittal:

Briefly state the Proposer's understanding of the project and express a positive commitment to provide the services described herein. State the name(s) of the person(s) who will be authorized to make representations for the Proposer, their title(s), office and E-mail addresses and telephone numbers. Please limit this section to two pages.

Technical Approach:

Firms or teams shall submit their technical approach to the tasks described in the scope, including details of how each phase of the project would be completed, and how their firm proposes to maintain time schedules and cost controls.

Schedule:

Proposer shall provide a timeline that highlights proposed tasks that will meet all applicable deadlines.

References:

References for past projects in the tri-county area (Broward, Palm Beach, and Miami-Dade.) Describe the scope of each project in physical terms and by cost, describe the respondent's responsibilities, and provide the contact information (name, email, telephone number) of an individual in a position of responsibility who can attest to respondent's activities in relation to the project.

List any prior projects performed for the City of Pompano Beach.

Project Team Form:

Submit a completed "Project Team" form. The purpose of this form is to identify the key members of your team, including any specialty subconsultants.

Organizational Chart:

Specifically identify the management plan (if needed) and provide an organizational chart for the team. The proposer must describe at a minimum, the basic approach to these projects, to include reporting hierarchy of staff and sub-consultants, clarify the individual(s) responsible for the co-ordination of separate components of the scope of services.

Statement of Skills and Experience of Project Team:

Describe the experience of the entire project team as it relates to the types of projects described in the Scope section of this solicitation. Include the experience of the prime consultants as well as other members of the project team; i.e., additional personnel, sub-consultants, branch office, team members, and other resources anticipated to be utilized for this project. Name specific projects (successfully completed within the past five years) where the team members have performed similar projects previously.

Resumes of Key Personnel

Include resumes for key personnel for prime and subconsultants.

Office Locations:

Identify the location of the office from which services will be rendered, and the number of professional and administrative staff at the prime office location. Also identify the location

of office(s) of the prime and/or sub consultants that may be utilized to support any or all of the professional services listed above and the number of professional and administrative staff at the prime office location.

If firms are situated outside the local area, (Broward, Palm Beach, and Miami-Dade counties) include a brief statement as to whether or not the firm will arrange for a local office during the term of the contract, if necessary.

Local Businesses:

Completed Local Business program forms, Exhibits A-D.

NOTE: Form B must be signed by a representative of the subcontractor, NOT of the Prime.

Litigation:

Disclose any litigation within the past five (5) years arising out your firm's performance, including status/outcome.

City Forms:

The Proposer Information Page Form and any other required forms must be completed and submitted electronically through the City's eBid System. The City reserves the right to request additional information to ensure the proposer is financially solvent and has sufficient financial resources to perform the contract and shall provide proof thereof of its financial solvency. The City may as at its sole discretion ask for additional proof of financial solvency, including additional documents post proposal opening, and prior to evaluation that demonstrates the Proposer's ability to perform the resulting contract and provide the required materials and/or services.

Reviewed and Audited Financial Statements:

Proposers shall be financially solvent and appropriately capitalized to be able to service the City for the duration of the contract. Proposers shall provide a complete financial statement of the firm's most recent audited financial statements, indicating organization's financial condition. Must be uploaded to the Response Attachments tab in the eBid System as a separate file titled "Financial Statements" and marked "CONFIDENTIAL."

Financial statements provided shall not be older than twelve (12) months prior to the date of filing this solicitation response. The financial statements are to be reviewed and submitted with any accompanying notes and supplemental information. The City of Pompano Beach reserve the right to reject financial statements in which the financial condition shown is of a date twelve (12) months or more prior to the date of submittals.

The City is a public agency subject to Chapter 119, Florida's Public Records Law and is required to provide the public with access to public records, however, financial statements that are required as submittals to prequalify for a solicitation will be exempt from public disclosure.

The City reserves the right to request additional information to ensure the proposer is financially solvent and has sufficient financial resources to perform the contract and shall provide proof thereof of its financial solvency. The City may as at its sole discretion ask for additional proof of financial solvency, including additional documents post proposal opening, and prior to evaluation that demonstrates the Proposer's ability to perform the resulting contract and provide the required materials and/or services.

A combination of two (2) or more of the following may substitute for audited financial statements:

- 1) Bank letters/statements for the past 3 months
- 2) Balance sheet, profit and loss statement, cash flow report
- 3) IRS returns for the last 2 years
- 4) Letter from CPA showing profits and loss statements (certified)

G. Insurance

CONTRACTOR shall not commence services under the terms of this Agreement until certification or proof of insurance detailing terms and provisions has been received and approved in writing by the CITY's Risk Manager. If you are responding to a bid and have questions regarding the insurance requirements hereunder, please contact the CITY's Purchasing Department at (954) 786-4098. If the contract has already been awarded, please direct any queries and proof of the requisite insurance coverage to CITY staff responsible for oversight of the subject project/contract.

CONTRACTOR is responsible to deliver to the CITY for timely review and written approval/disapproval Certificates of Insurance which evidence that all insurance required hereunder is in full force and effect and which name on a primary basis, the CITY as an additional insured on all such coverage.

Throughout the term of this Agreement, CITY, by and through its Risk Manager, reserve the right to review, modify, reject or accept any insurance policies required by this Agreement, including limits, coverages or endorsements. CITY reserves the right, but not the obligation, to review and reject any insurer providing coverage because of poor financial condition or failure to operate legally.

Failure to maintain the required insurance shall be considered an event of default. The requirements herein, as well as CITY's review or acceptance of insurance maintained by CONTRACTOR, are not intended to and shall not in any way limit or qualify the liabilities and obligations assumed by CONTRACTOR under this Agreement.

Throughout the term of this Agreement, CONTRACTOR and all subcontractors or other agents hereunder, shall, at their sole expense, maintain in full force and effect, the following insurance coverages and limits described herein, including endorsements.

1. Worker's Compensation Insurance covering all employees and providing benefits as required by Florida Statute, Chapter 440. CONTRACTOR further agrees to be responsible for employment, control and conduct of its employees and for any injury sustained by such employees in the course of their employment.

2. Liability Insurance.

- (a) Naming the City of Pompano Beach as an additional insured as CITY's interests may appear, on General Liability Insurance only, relative to claims which arise from CONTRACTOR's negligent acts or omissions in connection with Contractor's performance under this Agreement.

(b) Such Liability insurance shall include the following checked types of insurance and indicated minimum policy limits.

Type of Insurance	Limits of Liability	
GENERAL LIABILITY:	Minimum \$1,000,000 Per Occurrence and \$2,000,000 Per Aggregate	
* Policy to be written on a claims incurred basis		
XX comprehensive form	bodily injury and property damage	
XX premises - operations explosion & collapse	bodily injury and property damage	
— hazard		
— underground hazard		
XX products/completed operations hazard	bodily injury and property damage combined	
XX contractual insurance	bodily injury and property damage combined	
XX broad form property damage	bodily injury and property damage combined	
XX independent contractors	personal injury	
XX personal injury		
— sexual abuse/molestation	Minimum \$1,000,000 Per Occurrence and Aggregate	
— liquor legal liability	Minimum \$1,000,000 Per Occurrence and Aggregate	
AUTOMOBILE LIABILITY:		
Minimum \$1,000,000 Per Occurrence and Aggregate. Bodily injury (each person) bodily injury (each accident), Property damage, bodily injury and property damage combined.		
XX comprehensive form		
XX owned		
XX hired		
XX non-owned		
REAL & PERSONAL PROPERTY		
— comprehensive form	Agent must show proof they have this coverage.	
EXCESS LIABILITY		
		Per Occurrence Aggregate
— other than umbrella	bodily injury and property damage combined	\$1,000,000 \$1,000,000
PROFESSIONAL LIABILITY		
		Per Occurrence Aggregate
XX * Policy to be written on a claims made basis	\$1,000,000 \$1,000,000	

(c) If Professional Liability insurance is required, Contractor agrees the indemnification and hold harmless provisions set forth in the Agreement shall survive the

termination or expiration of the Agreement for a period of four (4) years unless terminated sooner by the applicable statute of limitations.

CYBER LIABILITY

Per Occurrence Aggregate

___	* Policy to be written on a claims made basis	\$1,000,000	\$1,000,000
___	Network Security / Privacy Liability		
___	Breach Response / Notification Sublimit (minimum limit of 50% of policy aggregate)		
___	Technology Products E&O - \$1,000,000 (only applicable for vendors supplying technology related services and or products)		
___	Coverage shall be maintained in effect during the period of the Agreement and for not less than four (4) years after termination/ completion of the Agreement.		

3. Employer's Liability. If required by law, CONTRACTOR and all subcontractors shall, for the benefit of their employees, provide, carry, maintain and pay for Employer's Liability Insurance in the minimum amount of One Hundred Thousand Dollars (\$100,000.00) per employee, Five Hundred Thousand Dollars (\$500,000) per aggregate.

4. Policies: Whenever, under the provisions of this Agreement, insurance is required of the CONTRACTOR, the CONTRACTOR shall promptly provide the following:

- (a) Certificates of Insurance evidencing the required coverage;
- (b) Names and addresses of companies providing coverage;
- (c) Effective and expiration dates of policies; and

(d) A provision in all policies affording CITY thirty (30) days written notice by a carrier of any cancellation or material change in any policy.

5. Insurance Cancellation or Modification. Should any of the required insurance policies be canceled before the expiration date, or modified or substantially modified, the issuing company shall provide thirty (30) days written notice to the CITY.

6. Waiver of Subrogation. CONTRACTOR hereby waives any and all right of subrogation against the CITY, its officers, employees and agents for each required policy. When required by the insurer, or should a policy condition not permit an insured to enter into a pre-loss agreement to waive subrogation without an endorsement, then CONTRACTOR shall notify the insurer and request the policy be endorsed with a Waiver of Transfer of Rights of Recovery Against Others, or its equivalent. This Waiver of Subrogation requirement shall not apply to any policy which includes a condition to the policy not specifically prohibiting such an endorsement, or voids coverage should CONTRACTOR enter into such an agreement on a pre-loss basis.

H. Selection/Evaluation Process

A Selection/Evaluation Committee will be appointed to select the most qualified firm(s). The Selection/Evaluation Committee will present their findings to the City Commission.

Proposals will be evaluated using the following criteria.

Line	Criteria	Point Range
1	Prior experience of the firm with projects of similar size and complexity: a. Number of similar projects b. Complexity of similar projects c. References from past projects performed by the firm d. Previous projects performed for the City (provide description) e. Litigation within the past 5 years arising out of firm's performance (list, describe outcome)	0-15
2	Qualifications of personnel including sub consultants: a. Organizational chart for project b. Number of technical staff c. Qualifications of technical staff: (1) Number of licensed staff (2) Education of staff (3) Experience of staff on similar projects	0-15
3	Proximity of the nearest office to the project location: a. Location b. Number of staff at the nearest office	0-15
4	Current and Projected Workload Rating is to reflect the workload (both current and projected) of the firm, staff assigned, and the percentage availability of the staff member assigned. Respondents which fail to note both existing and projected workload conditions and percentage of availability of staff assigned shall receive zero (0) points	0-15
5	Demonstrated Prior Ability to Complete Project on Time Respondents will be evaluated on information provided regarding the firm's experience in the successful completion and steadfast conformance to similar project schedules. Provide an example of successful approaches utilized to achieve a timely project completion. Respondents who demonstrate the ability to complete projects on time shall receive more points.	0-15
6	Demonstrated Prior Ability to Complete Project on Budget	0-15

Proposers will be evaluated on their ability to adhere to initial design budgets. Examples provided should show a comparison between initial negotiated task costs and final completion costs. Respondents should explain in detail any budgetary overruns due to scope modifications. Respondents which fail to provide schedule and budget information as requested will receive zero (0) points.

7 Is the firm a certified minority business enterprise as defined by the Florida Small and Minority Business Assistance Act of 1985? (Certification of any sub-contractors should also be included with the response.) 0-10

Additional 0-5% for Tier1/Tier2 Local Business will be calculated on combined scoring totals of each company.

NOTE:

Financial statements that are required as submittals to prequalify for a solicitation will be exempt from public disclosure; however, financial statements submitted to prequalify for a solicitation, and are not required by the City, may be subject to public disclosure.

Value of Work Previously Awarded to Firm (Tie-breaker) - In the event of a tie, the firm with the lowest value of work as a prime contractor on City of Pompano Beach projects within the last five years will receive the higher ranking, the firm with the next lowest value of work shall receive the next highest ranking, and so on. The analysis of past work will be based on the City's Purchase Order and payment records.

The Committee has the option to use the above criteria for the initial ranking to short-list Proposers and to use an ordinal ranking system to score short-listed Proposers following presentations (if deemed necessary) with a score of "1" assigned to the short-listed Proposer deemed most qualified by the Committee.

Each firm should submit documentation that evidences the firm's capability to provide the services required for the Committee's review for short listing purposes. After an initial review of the Proposals, the City may invite Proposers for an interview to discuss the proposal and meet firm representatives, particularly key personnel who would be assigned to the project. Should interviews be deemed necessary, it is understood that the City shall incur no costs as a result of this interview, nor bear any obligation in further consideration of the submittal.

When more than three responses are received, the committee shall furnish the City Commission (for their approval) a listing, in ranked order, of no fewer than three firms deemed to be the most highly qualified to perform the service. If three or less firms respond to the Solicitation, the list will contain the ranking of all responses.

The City Commission has the authority to (including, but not limited to); approve the recommendation; reject the recommendation and direct staff to re-advertise the solicitation; or, review the responses themselves and/or request oral presentations and determine a ranking order that may be the same or different from what was originally presented to the City Commission.

Value of Work Previously Awarded to Firm (Tie-breaker) - In the event of a tie, the firm with the lowest value of work as a prime contractor on City of Pompano Beach projects within the last five years will receive the higher ranking, the firm with the next lowest value of work shall receive the next highest ranking, and so on. The analysis of past work will be based on the City's Purchase Order and payment records.

I. Hold Harmless and Indemnification

Proposer covenants and agrees that it will indemnify and hold harmless the City and all of its officers, agents, and employees from any claim, loss, damage, cost, charge or expense arising out of any act, action, neglect or omission by the Proposer, whether direct or indirect, or whether to any person or property to which the City or said parties may be subject, except that neither the Proposer nor any of its subcontractors will be liable under this section for damages arising out of injury or damage to persons or property directly caused by or resulting from the sole negligence of the City or any of its officers, agents or employees.

J. Right to Audit

Contractor's records which shall include but not be limited to accounting records, written policies and procedures, computer records, disks and software, videos, photographs, subcontract files (including proposals of successful and unsuccessful bidders), originals estimates, estimating worksheets, correspondence, change order files (including documentation covering negotiated settlements), and any other supporting evidence necessary to substantiate charges related to this contract (all the foregoing hereinafter referred to as "records") shall be open to inspection and subject to audit and/or reproduction, during normal working hours, by Owner's agent or its authorized representative to the extent necessary to adequately permit evaluation and verification of any invoices, payments or claims submitted by the contractor or any of his payees pursuant to the execution of the contract. Such records subject to examination shall also include, but not be limited to, those records necessary to evaluate and verify direct and indirect costs (including overhead allocations) as they may apply to costs associated with this contract.

For the purpose of such audits, inspections, examinations and evaluations, the Owner's agent or authorized representative shall have access to said records from the effective date of this contract, for the duration of the Work, and until 5 years after the date of final payment by Owner to Consultant pursuant to this contract.

Owner's agent or its authorized representative shall have access to the Contractor's facilities, shall have access to all necessary records, and shall be provided adequate and appropriate work space, in order to conduct audits in compliance with this article. Owner's agent or its authorized representative shall give auditees reasonable advance notice of intended audits.

Contractor shall require all subcontractors, insurance agents, and material suppliers (payees) to comply with the provisions of this article by insertion of the requirements hereof in any written contract agreement. Failure to obtain such written contracts which include such provisions shall be reason to exclude some or all of the related payees' costs from amounts payable to the Contractor pursuant to this contract.

K. Retention of Records and Right to Access

The City of Pompano Beach is a public agency subject to Chapter 119, Florida Statutes. The Contractor shall comply with Florida's Public Records Law, as amended. Specifically, the Contractor shall:

1. Keep and maintain public records required by the City in order to perform the service;
2. Upon request from the City's custodian of public records, provide the City with a copy of 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;
3. Ensure that public records that are exempt or that are confidential and exempt from public record requirements are not disclosed except as authorized by law;
4. 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; and
5. Upon completion of the contract, transfer, at no cost to the City, all public records in possession of the Contractor, or keep and maintain public records required by the City to perform the service. If the Contractor transfers all public records to the City 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, upon request from the City's custodian of public records in a format that is compatible with the information technology systems of the City.

L. Communications

No negotiations, decisions, or actions shall be initiated or executed by the firm as a result of any discussions with any City employee. Only those communications, which are in writing from the City, may be considered as a duly authorized expression on behalf of the City. In addition, only communications from firms that are signed and in writing will be recognized by the City as duly authorized expressions on behalf of firms.

M. No Discrimination

There shall be no discrimination as to race, sex, color, age, religion, or national origin in the operations conducted under any contract with the City.

N. Independent Contractor

The selected firm will conduct business as an independent contractor under the terms of this contract. Personnel services provided by the firm shall be by employees of the firm and subject to supervision by the firm, and not as officers, employees, or agents of the City. Personnel policies, tax responsibilities, social security and health insurance,

employee benefits, purchasing policies and other similar administrative procedures applicable to services rendered under this agreement shall be those of the firm.

O. Staff Assignment

The City of Pompano Beach reserves the right to approve or reject, for any reasons, Proposer's staff assigned to this project at any time. Background checks may be required.

P. Contract Terms

The contract resulting from this Solicitation shall include, but not be limited to the following terms:

The contract shall include as a minimum, the entirety of this Solicitation document, together with the successful Proposer's proposal. Contract shall be prepared by the City of Pompano Beach City Attorney.

If the City of Pompano Beach defends any claim, demand, cause of action, or lawsuit arising out of any act, action, negligent acts or negligent omissions, or willful misconduct of the contractor, its employees, agents or servants during the performance of the contract, whether directly or indirectly, contractor agrees to reimburse the City of Pompano Beach for all expenses, attorney's fees, and court costs incurred in defending such claim, cause of action or lawsuit.

Q. Waiver

It is agreed that no waiver or modification of the contract resulting from this Solicitation, or of any covenant, condition or limitation contained in it shall be valid unless it is in writing and duly executed by the party to be charged with it, and that no evidence of any waiver or modification shall be offered or received in evidence in any proceeding, arbitration, or litigation between the parties arising out of or affecting this contract, or the right or obligations of any party under it, unless such waiver or modification is in writing, duly executed as above. The parties agree that the provisions of this paragraph may not be waived except by a duly executed writing.

R. Survivorship Rights

This contract resulting from this Solicitation shall be binding on and inure to the benefit of the respective parties and their executors, administrators, heirs, personal representative, successors and assigns.

S. Termination

The contract resulting from this Solicitation may be terminated by the City of Pompano Beach without cause upon providing contractor with at least sixty (60) days prior written notice.

Should either party fail to perform any of its obligations under the contract resulting from this Solicitation for a period of thirty (30) days after receipt of written notice of such failure, the non-defaulting part will have the right to terminate the contract immediately upon delivery of written notice to the defaulting part of its election to do so. The foregoing rights of termination are in addition to any other rights and remedies that such party may have.

T. Manner of Performance

Proposer agrees to perform its duties and obligations under the contract resulting from this Solicitation in a professional manner and in accordance with all applicable local, federal and state laws, rules and regulations.

Proposer agrees that the services provided under the contract resulting from this Solicitation shall be provided by employees that are educated, trained and experienced, certified and licensed in all areas encompassed within their designated duties. Proposer agrees to furnish the City of Pompano Beach with all documentation, certification, authorization, license, permit, or registration currently required by applicable laws or rules and regulations. Proposer further certifies that it and its employees are now in and will maintain good standing with such governmental agencies and that it and its employees will keep all license, permits, registration, authorization or certification required by applicable laws or regulations in full force and effect during the term of this contract. Failure of Proposer to comply with this paragraph shall constitute a material breach of contract.

U. Acceptance Period

Proposals submitted in response to this Solicitation must be valid for a period no less than ninety (90) days from the closing date of this solicitation.

V. Conditions and Provisions

The completed proposal (together with all required attachments) must be submitted electronically to City on or before the time and date stated herein. All Proposers, by electronic submission of a proposal, shall agree to comply with all of the conditions, requirements and instructions of this solicitation as stated or implied herein. All proposals and supporting materials submitted will become the property of the City.

Proposer's response shall not contain any alteration to the document posted other than entering data in spaces provided or including attachments as necessary. By submission of a response, Proposer affirms that a complete set of bid documents was obtained from the eBid System or from the Purchasing Division only and no alteration of any kind has been made to the solicitation. Exceptions or deviations to this proposal may not be added after the submittal date.

All Proposers are required to provide all information requested in this solicitation. Failure to do so may result in disqualification of the proposal.

The City reserves the right to postpone or cancel this solicitation, or reject all proposals, if in its sole discretion it deems it to be in the best interest of the City to do so.

The City reserves the right to waive any technical or formal errors or omissions and to reject all proposals, or to award contract for the items herein, in part or whole, if it is determined to be in the best interests of the City to do so.

The City shall not be liable for any costs incurred by the Proposer in the preparation of proposals or for any work performed in connection therein.

W. Standard Provisions1. Governing Law

Any agreement resulting from this Solicitation shall be governed by the laws of the State of Florida, and the venue for any legal action relating to such agreement will be in Broward County, Florida.

2. Licenses

In order to perform public work, the successful Proposer shall:

Be licensed to do business in Florida, if an entity, and hold or obtain such Contractor' and Business Licenses if required by State Statutes or local ordinances.

3. Conflict Of Interest

For purposes of determining any possible conflict of interest, each Proposer must disclose if any Elected Official, Appointed Official, or City Employee is also an owner, corporate officer, or an employee of the firm. If any Elected Official, Appointed Official, or City Employee is an owner, corporate officer, or an employee, the Proposer must file a statement with the Broward County Supervisor of Elections pursuant to §112.313, Florida Statutes.

4. Drug Free Workplace

The selected firm(s) will be required to verify they will operate a "Drug Free Workplace" as set forth in Florida Statute, 287.087.

5. Public Entity Crimes

A person or affiliate who has been placed on the convicted vendor list following a conviction for 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 of real property to public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, 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 Florida Statute, Section 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

6. Patent Fees, Royalties, And Licenses

If the selected Proposer requires or desires to use any design, trademark, device, material or process covered by letters of patent or copyright, the selected Proposer and his surety shall indemnify and hold harmless the City from any and all claims for infringement by reason of the use of any such patented design, device, trademark, copyright, material or process in connection with the work agreed to be performed and shall indemnify the City from any cost, expense, royalty or damage

which the City may be obligated to pay by reason of any infringement at any time during or after completion of the work.

7. Permits

The selected Proposer shall be responsible for obtaining all permits, licenses, certifications, etc., required by federal, state, county, and municipal laws, regulations, codes, and ordinances for the performance of the work required in these specifications and to conform to the requirements of said legislation.

8. Familiarity With Laws

It is assumed the selected firm(s) will be familiar with all federal, state and local laws, ordinances, rules and regulations that may affect its services pursuant to this Solicitation. Ignorance on the part of the firm will in no way relieve the firm from responsibility.

9. Withdrawal Of Proposals

A firm may withdraw its proposal without prejudice no later than the advertised deadline for submission of proposals by written communication to the General Services Department, 1190 N.E. 3rd Avenue, Building C, Pompano Beach, Florida 33060.

10. Composition Of Project Team

Firms are required to commit that the principals and personnel named in the proposal will perform the services throughout the contractual term unless otherwise provided for by way of a negotiated contract or written amendment to same executed by both parties. No diversion or substitution of principals or personnel will be allowed unless a written request that sets forth the qualifications and experience of the proposed replacement(s) is submitted to and approved by the City in writing.

11. Invoicing/Payment

All invoices should be sent to City of Pompano Beach, Accounts Payable, P.O. Drawer 1300, Pompano Beach, Florida, 33061. In accordance with Florida Statutes, Chapter 218, payment will be made within 45 days after receipt of a proper invoice.

12. Public Records

- a. The City of Pompano Beach is a public agency subject to Chapter 119, Florida Statutes. The Contractor shall comply with Florida's Public Records Law, as amended. Specifically, the Contractor shall:
 - i. Keep and maintain public records required by the City in order to perform the service;

- ii. Upon request from the City's custodian of public records, provide the City with a copy of 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;
 - iii. 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; and
 - iv. Upon completion of the contract, transfer, at no cost to the City, all public records in possession of the Contractor, or keep and maintain public records required by the City to perform the service. If the Contractor transfers all public records to the City 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, upon request from the City's custodian of public records in a format that is compatible with the information technology systems of the City.
- b. Failure of the Contractor to provide the above described public records to the City within a reasonable time may subject Contractor to penalties under 119.10, Florida Statutes, as amended.

PUBLIC RECORDS CUSTODIAN

IF THE 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:

**CITY CLERK
100 W. Atlantic Blvd., Suite 253
Pompano Beach, Florida 33060
(954) 786-4611
RecordsCustodian@copbfl.com**

X. Questions and Communication

All questions regarding the Solicitation are to be submitted using the Questions feature in the eBid System. Questions must be received at least seven (7) calendar days before the scheduled solicitation opening. Oral and other interpretations or clarifications will be without legal effect. Addenda will be posted to the solicitation in the eBid System, and it

is the Proposer's responsibility to obtain all addenda before submitting a response to the solicitation.

Y. Addenda

The issuance of a written addendum or posting of an answer in response to a question submitted using the Questions feature in the eBid System are the only official methods whereby interpretation, clarification, or additional information can be given. If any addenda are issued to this solicitation the addendum will be issued via the eBid System. It shall be the responsibility of each Proposer, prior to submitting their response, to contact the City Purchasing Office at (954) 786-4098 to determine if addenda were issued and to make such addenda a part of their proposal. Addenda will be posted to the solicitation in the eBid System.

Z. Contractor Performance Report

The City will utilize the Contractor Performance Report to monitor and record the successful proposer's performance for the work specified by the contract. The Contractor Performance Report has been included as an exhibit to this solicitation.

COMPLETE THE PROPOSER INFORMATION FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE THE FORM IN ITS ENTIRITY AND INCLUDE THE COMPLETED FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.

PROPOSER INFORMATION PAGE

_____, _____
(number) (Title)

To: The City of Pompano Beach, Florida

The below named company hereby agrees to furnish the proposed services under the terms stated subject to all instructions, terms, conditions, specifications, addenda, legal advertisement, and conditions contained in the solicitation. I have read the solicitation and all attachments, including the specifications, and fully understand what is required. By submitting this proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this proposal.

Proposal submitted by:

Name (printed) _____ Title _____

Company (Legal Registered) _____

Federal Tax Identification Number _____

Address _____

City/State/Zip _____

Telephone No. _____ Fax No. _____

Email Address _____

COMPLETE THE PROJECT TEAM FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRITY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.

PROJECT TEAM

SOLICITATION NUMBER _____

Federal I.D.# _____

PRIME

Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	_____	_____	_____
Project Manager	_____	_____	_____
Asst. Project Manager	_____	_____	_____
Other Key Member	_____	_____	_____
Other Key Member	_____	_____	_____

SUB-CONSULTANT

Role	Company Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Surveying	_____	_____
Landscaping	_____	_____
Engineering	_____	_____
Other Key Member	_____	_____
Other Key Member	_____	_____
Other Key Member	_____	_____

(use attachments if necessary)

COMPLETE THE PROPOSER INFORMATION FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE THE FORM IN ITS ENTIRETY AND INCLUDE THE COMPLETED FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.

VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES LISTS

Respondent Vendor Name: _____

Vendor FEIN: _____

Section 287.135, Florida Statutes, prohibits agencies from contracting with companies, for goods or services over \$1,000,000, that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List. Further, Section 215.4725, Florida Statutes, prohibits agencies from contracting (at any dollar amount) with companies on the Scrutinized Companies that Boycott Israel List, or with companies that are engaged in a boycott of Israel. As the person authorized to sign electronically on behalf of Respondent, I hereby certify by selecting the box below that the company responding to this solicitation is not listed on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List. I also certify that the company responding to this solicitation is not participating in a boycott of Israel, and is not engaged in business operations in Syria or Cuba. I understand that pursuant to sections 287.135 and 215.4725, Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs.

I Certify

Exhibit – Contractor Performance Report

CATEGORY	RATING	COMMENTS
1. Quality Assurance/Quality Control - Product/Services of high quality - Proper oversight - Communication	Poor =1 Satisfactory =2 Excellent =3	
2. Record Keeping -Accurate record keeping -Proper invoicing -Testing results complete	Poor =1 Satisfactory =2 Excellent =3	
3. Close-Out Activities - Restoration/Cleanup - Deliverables met - Punch list items addressed	Poor =1 Satisfactory =2 Excellent =3	
4. Customer Service - City Personnel and Residents - Response time - Communication	Poor =1 Satisfactory =2 Excellent =3	
5. Cost Control - Monitoring subcontractors - Change-orders - Meeting budget	Poor =1 Satisfactory =2 Excellent =3	
6. Construction Schedule - Adherence to schedule - Time-extensions - Efficient use of resources	Poor =1 Satisfactory =2 Excellent =3	
SCORE	_____	ADD ABOVE RATINGS/DIVIDE TOTAL BY NUMBER OF CATEGORIES BEING RATED

RATINGS

Poor Performance (1.0 – 1.59): Marginally responsive, effective and/or efficient; delays require significant adjustments to programs; key employees marginally capable; customers somewhat satisfied.

Satisfactory Performance (1.6 – 2.59): Generally responsive, effective and/or efficient; delays are excusable and/or results in minor program adjustments; employees are capable and satisfactorily providing service without intervention; customers indicate satisfaction.

Excellent Performance (2.6 – 3.0): Immediately responsive; highly efficient and/or effective; no delays; key employees are experts and require minimal direction; customers expectations are exceeded.

City of Pompano Beach Florida

Local Business Subcontractor Utilization Report

Project Name (1)		Contract Number and Work Order Number (if applicable) (2)	
Report Number (3)	Reporting Period (4) to	Local Business Contract Goal (5)	Estimated Contract Completion Date (6)
Contractor Name (7)		Contractor Telephone Number (8) () -	Contractor Email Address (9)
Contractor Street Address (10)	Project Manager Name (11)	Project Manager Telephone Number (12) () -	Project Manager Email Address (13)

Local Business Payment Report						
Federal Identification Number (14)	Local Subcontractor Business Name (15)	Description of Work (16)	Project Amount (17)	Amount Paid this Reporting Period (18)	Invoice Number (19)	Total Paid to Date (20)
Total Paid to Date for All Local Business Subcontractors (21) \$						0.00

I certify that the above information is true to the best of my knowledge.

Contractor Name – Authorized Personnel (print) (22)	Contractor Name – Authorized Personnel (sign) (23)	Title (24)	Date (25)
-----------------------------------------------------	----------------------------------------------------	------------	-----------

Local Business Subcontractor Utilization Report Instructions

- Box (1) Project Name** – Enter the entire name of the project.
- Box (2) Contract Number (work order)** – Enter the contract number and the work order number, if applicable (i.e., 4600001234, and if work order contract include work order number – 4600000568 WO 01).
- Box (3) Report Number** - Enter the Local Business Subcontractor Utilization Report number. Reports must be in a numerical series (i.e., 1, 2, 3).
- Box (4) Reporting Period** - Enter the beginning and end dates this report covers (i.e., 10/01/2016 – 11/01/2016).
- Box (5) Local Contract Goal** - Enter the Local Contract Goal percentage on entire contract.
- Box (6) Contract Completion Date** - Enter the expiration date of the contract, (not work the order).
- Box (7) Contractor Name** - Enter the complete legal business name of the Prime Contractor.
- Box (8) Contractor Telephone Number** - Enter the telephone number of the Prime Contractor.
- Box (9) Contractor Email Address** - Enter the email address of the Prime Contractor.
- Box (10) Contractor Street Address** – Enter the mailing address of the Prime Contractor.
- Box (11) Project Manager Name** - Enter the name of the Project Manager for the Prime Contractor on the project.
- Box (12) Project Manager Telephone Number** – Enter the direct telephone number of the Prime Contractor’s Project Manager.
- Box (13) Project Manager Email Address** – Enter the email address of the Prime Contractor’s Project Manager.
- Box (14) Federal Identification Number** – Enter the federal identification number of the Local Subcontractor(s).
- Box (15) Local Subcontractor Business Name** – Enter the complete legal business name of the Local Subcontractor(s).
- Box (16) Description of Work** – Enter the type of work being performed by the Local Subcontractor(s) (i.e., electrical services).
- Box (17) Project Amount** – Enter the dollar amount allocated to the Local Subcontractor(s) for the entire project (i.e., amount in the subcontract agreement).

- Box (18) Amount Paid this Reporting Period** – Enter the total amount paid to the Local Subcontractor(s) during the reporting period.
- Box (19) Invoice Number** – Enter the Local Subcontractor's invoice number related to the payment reported this period.
- Box (20) Total Paid to Date** – Enter the total amount paid to the Local Subcontractor(s) to date.
- Box (21) Total Paid to Date for All Local Subcontractor(s)** – Enter the total dollar amount paid to date to all Local Subcontractors listed on the report.
- Box (22) Contractor Name Authorized Personnel (print)** – Print the name of the employee that is authorized to execute the Local Subcontractor Utilization Report.
- Box (23) Contractor Name Authorized Personnel (sign)** – Signature of authorized employee to execute the Local Subcontractor Utilization Report.
- Box (24) Title** – Enter the title of authorized employee completing the Local Subcontractor Utilization Report.
- Box (25) Date** – Enter the date of submission of the Local Subcontractor Utilization Report to the City.

LOCAL BUSINESS EXHIBIT "B"
LOCAL BUSINESS
LETTER OF INTENT TO PERFORM AS A LOCAL SUBCONTRACTOR

Solicitation Number _____

TO: _____
(Name of Prime or General Bidder)

The undersigned City of Pompano Beach business intends to perform subcontracting work in connection with the above contract as (check below)

_____ an individual

_____ a corporation

_____ a partnership

_____ a joint venture

The undersigned is prepared to perform the following work in connection with the above Contract, as hereafter described in detail:

at the following price: _____

(Date)

(Print Name of Local Business Contractor)

(Street Address)

(City, State Zip Code)

BY: _____
(Signature)

IMPORTANT NOTE: Signatures on this form MUST be by an authorized employee of Subcontractor and must be uploaded to the Response Attachment Tab

LOCAL BUSINESS EXHIBIT "B"

LOCAL BUSINESS EXHIBIT "C"
LOCAL BUSINESS UNAVAILABILITY FORM

Solicitation # _____

I, _____
(Name and Title)

of _____, certify that on the _____ day of

_____, _____, I invited the following LOCAL BUSINESS(s) to bid work
(Month) (Year)

items to be performed in the City of Pompano Beach:

Business Name, Address	Work Items Sought	Form of Bid Sought (i.e., Unit Price, Materials/Labor, Labor Only, etc.)
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Said Local Businesses:

- ___ Did not bid in response to the invitation
- ___ Submitted a bid which was not the low responsible bid
- ___ Other: _____

Name and Title: _____

Date: _____

Note: Attach additional documents as available.

LOCAL BUSINESS EXHIBIT "C"

LOCAL BUSINESS EXHIBIT "D"
GOOD FAITH EFFORT REPORT LOCAL BUSINESS PARTICIPATION

Solicitation # _____

1. What portions of the contract have you identified as Local Business opportunities?

2. Did you provide adequate information to identified Local Businesses? Please comment on how you provided this information.

3. Did you send written notices to Local Businesses?

___ Yes ___ No

If yes, please include copy of the notice and the list of individuals who were forwarded copies of the notices.

4. Did you advertise in local publications?

___ Yes ___ No

If yes, please attach copies of the ads, including name and dates of publication.

5. What type of efforts did you make to assist Local Businesses in contracting with you ?

7. List the Local Businesses you will utilize and subcontract amount.

_____	\$ _____
_____	\$ _____
_____	\$ _____

8. Other comments: _____

LOCAL BUSINESS EXHIBIT "D"



*Award-winning Project
Pompano Beach Fishing Pier
Designed by WGI*

CONTINUING CONTRACT FOR
CIVIL ENGINEERING
Services for Various City Projects

E-20-20

July 30, 2020



TITLE PAGE

CITY OF POMPANO BEACH

**Request for Letters of Interest
E-20-20**

Continuing Contract for Civil Engineering Services for Various City Projects

WGI, Inc.

**Brett Oldford, PE
Brett.Oldford@wginc.com ▪ 561.839.1715
2035 Vista Parkway ▪ West Palm Beach, FL 33411**

July 30, 2020

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pompano
beach®
Florida's Warmest Welcome

INTRODUCTION



LETTER OF TRANSMITTAL

July 30, 2020

City of Pompano Beach
Purchasing Office
1190 NE 3rd Avenue, Building C
Pompano Beach, Florida 33060

Dear Selection Committee Members,

The most important question you need to ask yourselves when selecting a consultant to provide professional services is, "Can I trust the infrastructure of my City to this consultant?" Inexperience, poor planning efforts, negligence, and lack or misuse of the right technology are a few of the many reasons why your businesses and residents could be literally left in the dark without power, without air conditioning, or facing boil water notices. Hindered access to property or damage to underground assets can be a nuisance or, far worse, can pose a health risk or safety issue. Furthermore, the economic impact to the City could be measured in millions of dollars and thousands of disgruntled citizens. WGI staff, having worked in the City of Pompano Beach (City) for the past 20 years and collaborated with staff on many of the City's signature projects, as well as having served on the City's development task force; allows the City to answer that question with a resounding "Yes, I can trust my consultant".

We understand the time and effort the City, staff, and residents have committed in order to put in place policies and infrastructure to create a vibrant and sustainable City where people want to live and work. From the redevelopment of the beach area to Old Town and the Innovation District, WGI recognizes the progress done by the City and CRA to set the stage for the upcoming projects and looks forward to the working hand in hand with the City, and the community to continue to build and maintain the physical and social infrastructure required to support the City's vision.

WGI is proud to have designed the Pompano Beach Fishing Pier, which was recognized by the *American Council of Engineering Companies* with the *2020 Engineering Excellence Award of Honor for Special Projects* for the design and construction of this innovative pier. We appreciate the opportunity to be involved with this unique project which was a key component of the beach area revitalization efforts.

Municipal governments require timely and accurate information to effectively make the many difficult decisions required on a daily basis. With more than 70 municipal continuing contracts, WGI understands the needs of local governments. Businesses and residents alike rely on their government to build and maintain the physical and social infrastructure to support their comfort, enjoyment, and success. Thus, it is imperative those representing the City understand your culture and are knowledgeable in all areas of municipal services, local roadway design, complete streets, public outreach, outside agency funding—including Local Agency Program (LAP) funding, stormwater management, environmental issues, surveying, permitting, and the latest in technology to accomplish all tasks in an effective and efficient manner. As a local full-service consulting firm, **WGI, Inc. (WGI)**, has the resources available to competently address the anticipated services under this contract and would be honored to be involved in sustainable projects to enhance the City's infrastructure.

EXPERIENCED STAFF

WGI has the professional resources needed to ensure the successful completion of all service authorizations. With 20 years of tenure **Jeff Brophy, PLA**, vice president of PLACE division, will serve as principal in charge. To ensure outstanding customer service, **Traci Scheppske, CGC, LEED AP**, as a customer relations manager will advise the team regarding the City's priorities and expectations. **Brett Oldford, PE** will lead all contract-related efforts as contract manager. He will be responsible for communication and the overall delivery of every project. Brett will be supported by a robust team of talented project managers and staff as required based on the scope of the individual project or task order.

In short, WGI's management team has the knowledge, experience, and technical capability to successfully deliver services matching the quality expectations, budgetary goals, and schedule established by the City.

DEPTH OF RESOURCES

Within our local Fort Lauderdale and Palm Beach County offices, WGI has 233 registered engineers, landscape architects, planners, environmental scientists, surveyors, and other professionals which are available to service this contract. With a team of 560 professionals nationwide, WGI is considered as an industry leader in the integration of new technology solutions for parking and mobility. Our structural solutions department specializes in all aspects of structural engineering from parking, vertical structures to bridges, seawalls, and piers. We also specialize in hurricane hardening for governmental facilities. Our subsurface utility engineering (SUE) team utilizes cutting-edge air/vacuum excavation and ground-penetrating radar to locate underground utilities and our geospatial team uses mobile LiDAR to map lengthy transportation corridors. WGI's national placemaking expert, **Andrew Howard**, is helping municipalities to implement their CARES Act funding to assist local small businesses and nonprofits. The program involves direct outreach to business owners resulting in quick build construction for outdoor dining, recreational, and educational areas.

MUNICIPAL WORK EXPERIENCE

WGI has been providing these same services for municipalities throughout Florida for several decades, as evidenced by our over 150 continuing service contract, and will bring that experience to the City. We are familiar with local construction industry design and permitting contracts. We have completed numerous infrastructure projects in Broward, Miami-Dade, and Palm Beach counties and this familiarity will assist us in completing individual projects on time and within the established budget. We have used **eBuilder Enterprise** software with other municipal clients and are ready to continue using to effectively manage this contract as well. We are ideally suited to provide the City with professional services in all services required by this contract.

RESPONSIVENESS

WGI understands the importance of communication and responsiveness. Being both available and reachable is critical for any consultant/ client partnership. We pride ourselves in our timeliness of returning phone calls and correspondence to ensure client satisfaction. Thus, letting the client know we received the inquiry or message and are working on the request.

Given the current situation surrounding COVID-19, WGI has implemented numerous steps and procedures to protect the health of our team members, clients, and community. WGI's implementation of cloud-based computing, ProjectWise for file sharing and data management, Bluebeam for quality control and plan review, and Zoom, Teams, and Jabber for communication all minimize potential exposure to the virus and minimize impacts to our business and your projects. Initiated years ago to enhance client services, these investments now allow WGI to safely serve our clients as we continue to address COVID-19 challenges.

COMMITMENT

The most important qualification WGI offers to the City is our commitment to support you in meeting your goals and objectives. We do that by developing technically sound deliverables on schedule and within your budget. We are committed to our municipal clients on every project.

Thank you for the opportunity to submit our qualifications. We look forward to demonstrating our ability and unequivocal commitment while serving the City of Pompano Beach.

Sincerely,



Jeff Brophy, PLA, ASLA
Vice President - Principal in Charge
 Jeff.Brophy@wginc.com
 561.537.4507
 2035 Vista Parkway
 West Palm Beach, FL 33411



Traci Scheppske, CGC, LEED AP
Customer Relations Manager
 Traci.Scheppske@wginc.com
 561.839.1756
 2035 Vista Parkway
 West Palm Beach, FL 33411



Brett Oldford, PE
Contract Manager
 Brett.Oldford@wginc.com
 561.839.1715
 2035 Vista Parkway
 West Palm Beach, FL 33411

COMPANY PROFILE



WGI Fort Lauderdale Office

FIRM'S HISTORY, PHILOSOPHY, AND ORGANIZATIONAL STRUCTURE

WGI is a national design and professional services firm leading in technology-based solutions for the construction of public and private infrastructure and real estate development.

WGI was founded in South Florida in 1972 and has continuously expanded its areas of expertise to help its clients face global competitiveness, rapid and sustained urbanization, infrastructure investment shortfalls and funding gaps, and climate change. At WGI, we are industry leaders in creating successful and sustainable communities.

We take pride in a company culture that embraces technological advances. WGI consistently makes investments in tomorrow's technology and in our team members, who leverage those new technologies to deliver real and sustainable solutions for our clients.

The bottom line is that we continuously invest in our technology and people in order to consistently commit to making our clients more successful as a result of working with WGI.

MISSION STATEMENT

**Creative leaders
delivering tomorrow's
infrastructure solutions,
today.**

SERVICES

WGI is a full-service consulting firm providing a comprehensive range of professional services related to infrastructure. We continue to uphold our tradition of incomparable service and passion for innovation through our team of highly skilled and experienced professionals. WGI associates are dedicated to growing professionally and finding satisfaction in their work, characteristics that result in higher-quality products for our clients.

WGI serves municipalities and public agencies, as well as private clients. WGI staff remain dedicated to the development and economic prosperity of the communities in which they live and work. Our associates give back by supporting a variety of non-profits and professional organizations through their leadership, volunteerism and sponsorship. Through this “work/life balance,” we have retained long-term associates committed to WGI, our clients, and our future.

WGI SERVICES

- Civil/Municipal Engineering
- Construction Engineering Inspections
- Traffic and Transportation Engineering
- Parking Solutions
- Surveying and Mapping Services
- Geographic Information Services
- Structures
- Landscape Architecture
- Land Development
- Environmental Sciences
- Planning Services
- Architecture
- Subsurface Utility Engineering
- Mechanical, Electrical, and Plumbing Engineering
- Water Resources
- Creative Services



CIVIL ENGINEERING



Fire Station #4 - Site Plan, West Palm Beach, FL

Civil engineering and regulatory permitting is the critical path for your development project's success. Our civil municipal engineering team has statewide, market-leading experience in the successful delivery of hundreds of projects on behalf of public and regulatory agencies, higher education institutions, and private clients.

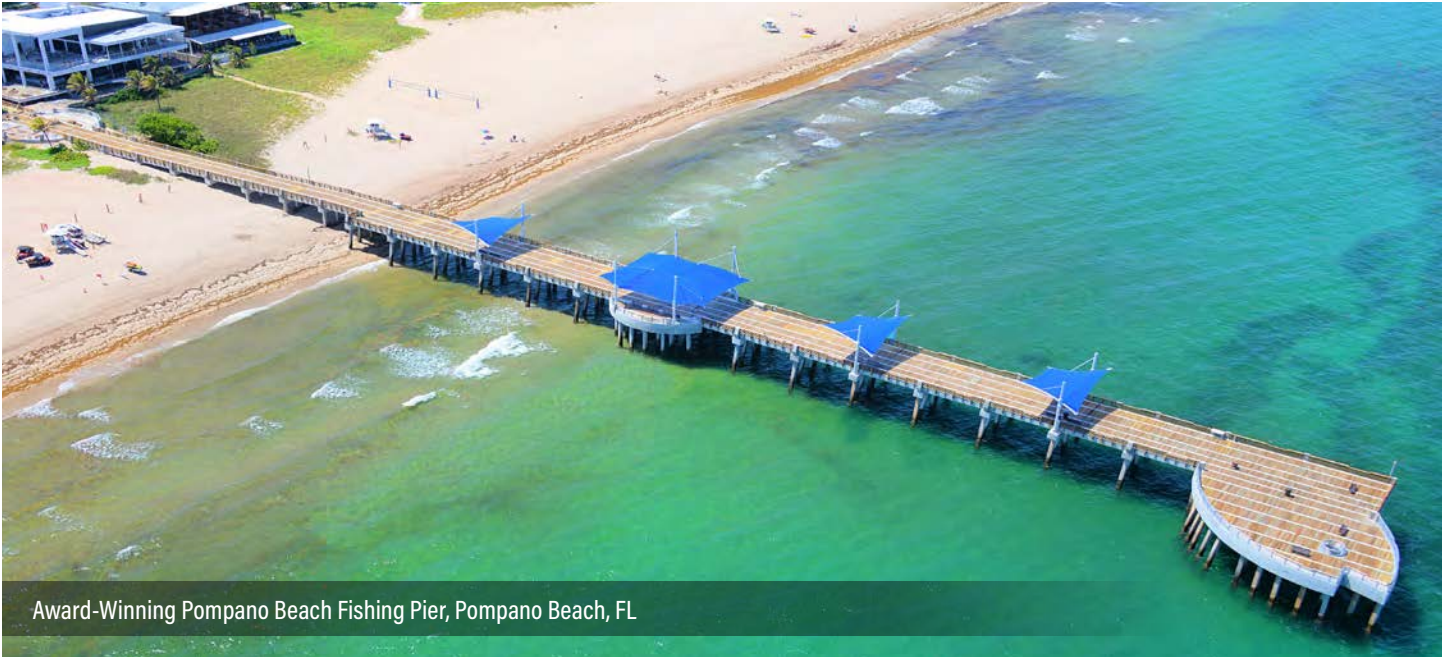
From project inception, WGI works to fully understand our client's goals. We then develop innovative solutions and identify potential cost savings. To create the most economical plan, our team works closely with all stakeholders to avoid surprises throughout the process. Using our extensive experience,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

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

CIVIL ENGINEERING SERVICES

- Conceptual and Final Engineering Design
- Stormwater Management Design
- Water Distribution System Design
- Wastewater Collection System Design
- Reclaimed Water Distribution Design
- Site Paving, Grading, and Drainage Design
- Local and Arterial Roadway Design
- Facilities Design
- Park and Recreational Design
- Streetscape Design
- Grant Funding Coordination and Assistance
- Plan/Peer Reviews
- Local, State, and Federal Permitting
- Budgeting and Cost Estimating
- Feasibility Studies
- Construction Administration Services
- Bidding Assistance
- Certification Coordination
- Local Agency Program (LAP) Coordination
- Eminent Domain
- Expert Witness Services

STRUCTURAL ENGINEERING



Award-Winning Pompano Beach Fishing Pier, Pompano Beach, FL

Structural engineering is more than its basic components; it must consider aesthetics, safety, long-term maintenance and repair, and blend significant elements with the surrounding environment. WGI's structural engineers demonstrate their expertise in all aspects of structural engineering services from parking and vertical structures, to bridges, seawalls, and piers, in addition to coastal hurricane hardening for governmental, institutional, and private clients.

We are industry leaders in the structural engineering design for mid-rise and high-rise buildings serving multiple development goals, successfully delivering significant, influential projects throughout the United States. Our structural engineers are well-versed in the specialized design of bridges, parking facilities, wastewater and stormwater pump stations, drainage control structures, cellular towers, and a variety of related specialty structures. One of our niche disciplines is the structural design and permitting of ocean piers.

STRUCTURAL ENGINEERING SERVICES

- New Bridge Design
- Bridge Repair and Rehabilitation
- Bridge Evaluation and Inspection
- Bridge Load Rating
- Bridge Maintenance Programs
- Parking Structures
- High-Rise Buildings
- Building Hardening and Resiliency
- Peer Reviews
- Seawalls
- Piers
- Boat Ramps
- Cell Towers
- Water Control Structures
- Pump Stations
- Retaining Walls
- Vertical Construction
- Mast Arms
- Overhead Sign Structures
- Pedestrian Bridges and Walkways

CONSTRUCTION ENGINEERING INSPECTION



Force Main Jack and Bore, City of Boynton Beach, FL

Performed correctly, Construction Engineering and Inspection (CEI) services play an integral role in the successful implementation of a project's design intent. It can help a project stay on budget and finish within the contract schedule. WGI's construction services staff is comprised of engineers, inspectors, and administrators serving as a knowledgeable and reliable liaison between the owner, the architect/engineer, and the contractor. We have been providing construction related services to our public and private clients for decades.

Each project requires a unique, tailored approach, depending on factors including the complexity of the design, the involvement requested, and the scope of services required. WGI's Construction Services department has successfully completed municipal infrastructure construction projects for several of our Palm Beach County municipal clients.

CONSTRUCTION INSPECTION ENGINEERING SERVICES

- Roadways
- Utilities
- Stormwater Facilities
- Marinas
- Seawalls
- Buildings
- Parking Structures
- Bridges
- Pump Stations
- Traffic Signals
- Municipal Infrastructure

TRANSPORTATION ENGINEERING



Banyan Boulevard from Tamarind Avenue to Olive Avenue, West Palm Beach, FL

WGI has worked throughout the state, meeting mobility challenges by designing safer, more affordable roadways. Over the years, we have designed various types of roads from complex interstate system interchanges to simple rural roadways. We handle every aspect of each project, including roadway, structures, signals, drainage, utility coordination, environmental permitting, traffic control plans, right-of-way mapping, subsurface utility mapping and locating, and pavement markings in accordance with local, state, and federal guidelines.

We have developed sound professional relationships with the regulatory agencies in the areas of highway/transportation design, site development, stormwater analysis/treatment, and utility coordination. We understand the importance of being responsive and providing clear communication to our clients and representing them on issues that will affect them.

Coupling the latest technology with superior, innovative thinking, our associates are known for providing economical and long-lasting solutions to the most difficult transportation infrastructure challenges. WGI clients receive the best options possible to meet their transportation and mobility goals.

TRANSPORTATION ENGINEERING SERVICES

- Traffic Engineering
- Local Roadway Design
- Corridor Planning
- Local Agency Programs (LAP)
- Project Development and Environment (PD&E) Studies
- Multi-modal/Transit
- Temporary Traffic Control Plans
- Signalization
- Signing and Pavement Marking Plans
- Lighting
- Construction Engineering and Inspection
- Estimating
- Intelligent Transportation Systems
- Program Management
- Design-Build Delivery
- Interstate and Toll Facility Design
- Express and Managed Lane Design

SURVEYING - MAPPING - SUE



Mobile LiDAR - City of West Palm Beach, FL

Successful design and construction projects begin with accurate geospatial information to facilitate engineering design. WGI efficiently delivers that information using the latest technologies and techniques, training our associates in the best possible ways.

In the 1960s, the race for the moon forever changed the evolution of all measurement sciences. The early 1970s introduced CADD systems and electronic distance measurement; the 1980s brought total stations and data collection, and the 1990s heralded Global Positioning Systems. Static, mobile, and backpack LiDAR systems soon followed, along with unmanned aerial systems.

Today, regardless of the geospatial assignment, our surveyors use cutting-edge approaches and technologies to minimize human error, provide more complete and accurate deliverables, and ensure a safer work environment for our associates. By leveraging the latest means and methods, WGI helps our clients achieve their goals faster and with the greatest degree of accuracy.

SURVEYING AND MAPPING SERVICES

- Boundary Surveys
- Topographic Surveys
- Platting
- Construction and Heavy Infrastructure Support
- 2D and 3D Utility Mapping Surveys
- Global Positioning System Surveys
- Geographic Information Systems Services
- Hydrographic Surveys
- Static, Mobile, and Backpack LiDAR Services
- Building Information Management Services
- Photogrammetric Surveys
- Unmanned Aerial Systems Surveys
- Subsurface Utility Engineering Services
- Expert Witness Services



LANDSCAPE ARCHITECTURE



Mounts Botanical Garden, West Palm Beach, FL

Our goal is to create a unique sense of place combining nature, culture, and architecture with the careful stewardship, wise planning, and artful design of our natural environment. From initial concept through design development and construction, our diverse and talented landscape architects work diligently to navigate projects through the design and approval process. We handle the most challenging of projects with one thing in mind, realizing our clients' vision and seeing it through in the most efficient and budget-conscious manner.

Our landscape architecture associates serve a wide variety of public and private clients including land developers, commercial/retail developers, country club communities, private homeowners, departments of transportation, and a multitude of municipalities and other public agencies. WGI offers solutions to all possible landscape architecture needs from resort pools to roadway landscape, single-family homes to municipal parks and recreation.

LANDSCAPE ARCHITECTURAL SERVICES

- Landscape Design
- Hardscape Design
- Signage Design
- Xeriscape Landscape Design
- Streetscape Design
- Campus and Institutional Design
- LEED Certified Landscape Design
- Coastal Dune Restoration
- Park and Recreation Design
- Nature, Environmental, Interpretive Design
- Lighting Design
- Irrigation Design
- Entry and Amenity Area Design
- Boardwalk Design
- Resort Design
- Pool and Fountain Design
- Residential and Commercial Design

ENVIRONMENTAL



In-Water Assessments at the Blue Heron Bridge

The complexity of environmental regulatory processes requires knowledgeable professionals who understand the regulations and how they affect permitting success. WGI's environmental scientists combine up-to-the-minute knowledge of all regulatory changes with crucial regional knowledge developed through years of on-the-ground experience. Projects can be impacted by many environmental issues including wetlands, protected habitat, threatened and endangered species, water quality, historical and archaeological resources, and contamination. We identify these impacts and develop creative design options to avoid or minimize impacts and delays.

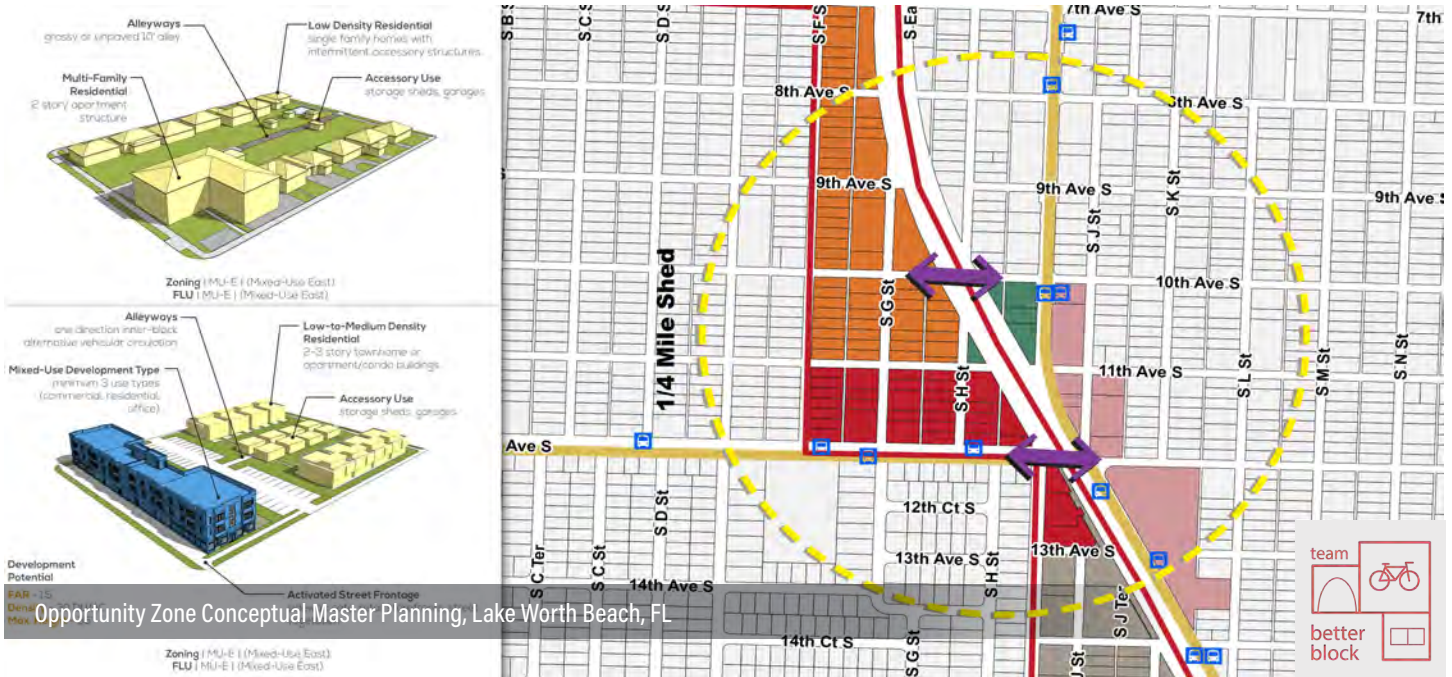
WGI's professionals have all relevant certifications needed to solve any environmental issue:

- Certified Environmental Professionals
- Professional Wetland Scientists
- Certified Arborists
- Certified Pesticide Applicators
- Professional Geologists
- Professional Engineers
- Certified Divers
- FDEP Stormwater, Erosion, and Sedimentation Control Inspectors
- FWC Authorized Gopher Tortoise Agents
- Professional Surveyors and Mappers
- FEMA Floodplain Managers
- LEED Accredited Professionals

ENVIRONMENTAL SERVICES

- Construction Inspection and Monitoring
- Contamination Assessments
- Dune Restoration
- Environmental Impact Statements
- Erosion Control
- Geographic Information Systems (GIS)
- Global Positioning Systems (GPS) Surveys
- Mangrove Permitting
- NEPA Compliance
- NPDES Compliance
- Phase 1 and 2 Environmental Site Assessments
- Seagrass and Coral Surveys
- Benthic Surveys
- Threatened and Endangered Species Relocation
- Tree Surveys
- Vegetation Removal Permitting
- Water Resources Planning
- Water Use Permitting
- Wetland Delineation and Permitting
- Wildlife Surveys
- Eminent Domain
- Expert Witness Services

URBAN AND COMMUNITY PLANNING



Our planners create clear and responsible development strategies through policy and design to bring our clients' visions to life. Planning is a balancing act between the physical, cultural, historical, and economic impacts to a community.

WGI's planners have the expertise and creativity to manage these often divergent interests and create comprehensive solutions.

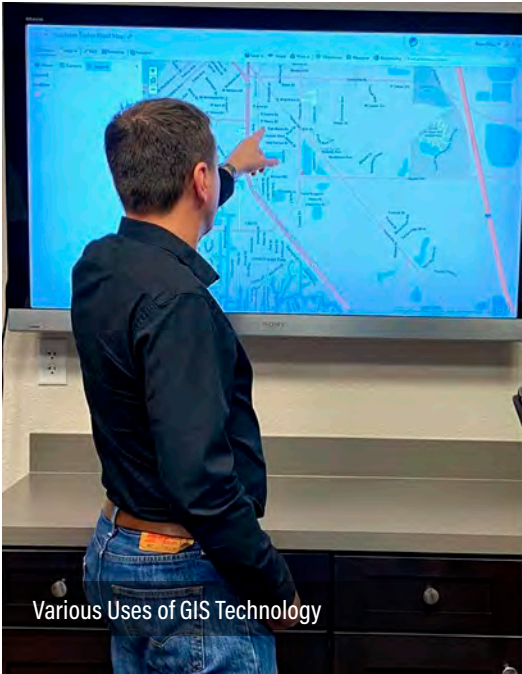
With a multidisciplinary approach, we can assist at all levels of the project, from visioning, research, and analysis to design, project management, and implementation.



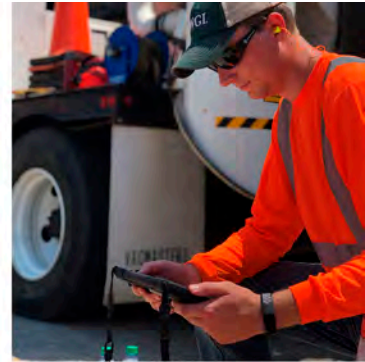
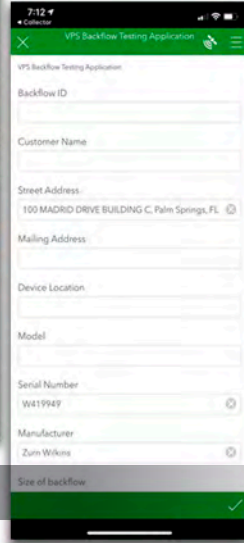
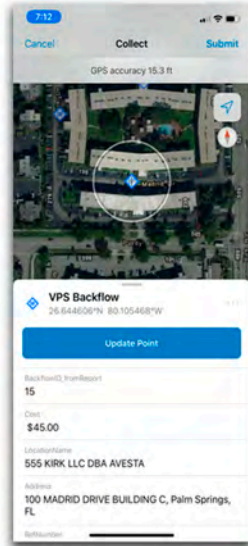
URBAN AND COMMUNITY PLANNING SERVICES

- Comprehensive Planning
- Land Development Regulations
- Due Diligence
- Master Planning
- Site Planning
- Community Outreach
- Placemaking
- Public Space Activation
- Visioning
- Golf Course Conversions
- Complete Streets
- Transit Oriented Development
- Multi-modal Transportation Planning
- Bike, Pedestrian, Trail Planning
- Eminent Domain
- Expert Witness Testimony
- Entitlements
- Project Management
- Representation and Lobbying
- Urban Design

GEOGRAPHIC INFORMATION SERVICES



Various Uses of GIS Technology



Local perspective, novel approach. WGI uses the latest technology to make your data accessible in real-time. WGI strives to be a leader in technology to increase efficiency and accuracy. We were early adopters of technologies such as mobile LiDAR and have stayed on the cutting edge with 3D design and modern GIS solutions. Our GIS team utilizes up-to-date software, equipment, and work flows to deliver the most innovative products and deliverables currently available. Clients can view and analyze data using a variety of web-based solutions. Non-users and users alike can now leverage GIS to make better decisions rapidly.

Our GIS team is made up of dedicated, highly trained, and qualified GIS project managers and specialists with understanding in providing geospatial services to multiple disciplines including planning, environmental, engineering, transportation, landscape architecture, and parking services. WGI is experienced in providing GIS services to municipalities and has worked with adjacent agencies such as Water Management Districts, FDOT, FDEP, FFWCC, and the USACE.

WGI's expertise in multidiscipline asset management has given us a unique perspective on appropriate solutions. We specialize in the development and deployment of web-based solutions, including applications and widgets, to accommodate a variety of needs.

GEOGRAPHIC INFORMATION SYSTEMS SERVICES - GIS

- Strategic Planning and Implementation
- Field Data Collection/Data Acquisition
- Asset Management/System of Record
- Geodatabase Design/Data Modeling
- Software and Application Development
- Business Systems Integration
- Data Migration
- Interactive Web-Based Solutions
- Spatial Analysis
- Mapping/Cartography
- Quality Control
- Public Outreach
- Emergency Preparedness/Response
- In-House Support
- Training





TECHNICAL APPROACH



TECHNICAL APPROACH

PROJECT SCOPE DEFINITION

A detailed understanding of the City's needs is essential for successful execution of each component in a project's life cycle. From scope development, through design and construction, and into operation and maintenance, the City's goals and objectives will serve as the project's nexus. Implementation of the City's goals and objectives is WGI's responsibility. Based on WGI's experience with other municipal clients, the process below allows us to provide a clear and detailed understanding of our client's goals and objectives and provide sound technical solutions.



We use the City's goals and objectives as the project's nexus to provide sound technical solutions

Steps to a clear understanding of client's goals and objectives

TYPICAL WORK AUTHORIZATION PROCESS FOR THE PREPARATION OF DESIGNS, STUDIES, AND REPORTS

Work authorization assignments for professional services may include all or part of the following list. We understand under a continuing contract, task order assignments may require various approaches and processes. Additionally, WGI understands a project approach for unique projects and services such as CEI, surveying and mapping, environmental assessments, and GIS do not necessarily follow the same project development process traditional engineering projects follow.

WGI's team is prepared to provide the services requested by the City from planning and project development through design and construction completion.

The approach detailed on the following page represents a typical procedure WGI utilizes to perform work authorizations for professional service contracts. The intent of the approach below is not only to represent the standard approach, but also to illustrate the levels of coordination, collaboration, and quality control built into our process. Our standard approach may include some or all of the following:

Project Development

1 Receive request from client

2 Review client's project scope

3 Coordinate with client

4 Site visit and gather documents and information

5 Kickoff meeting for staff and subs

6 Coordinate design activities with Utility Owners

7 Coordinate with subs on roles and expectations

8 Perform field surveying

9 Perform subsurface utility engineering

10 Present to client preliminary findings

Initial Phase - Project Development

1. Receive request from the City outlining the scope of work and visit the site with the appropriate staff members and subconsultants that will be involved in the project.
2. Review the project scope and define the project approach, including man-hour estimates and overall schedule.
3. Coordinate with the City staff to ensure the scope and deliverables are in compliance with the established schedules and budget.
4. Perform reconnaissance of the project site. Compile existing records, drawings and other available data.
5. Schedule a design kick-off meeting with staff and subconsultants to define the communications protocol and to ensure complete understanding of the scope of services, schedule, and budget.
6. Coordinate engineering design activities including surveys, inspections and evaluations, collection of data, engineering feasibility reports and studies, and cost estimates. Utility coordination with providers such as FP&L, CATV, and others must occur during this step to identify potential conflicts and to define the resolution of those conflicts.
7. Coordinate with subconsultants on their role in the project and communicate plan expectations including deliverables, timing of submittals, and budgetary constraints.
8. Complete any necessary field surveying including, but not limited to, establishing a primary control network and performing the applicable survey utilizing the right tool for the job that addresses the specific needs of the City.
9. If necessary, perform SUE, using WGI's latest "soft dig" and ground penetrating radar technology. The data is then incorporated into the survey deliverable.
10. Meet with City staff to review the preliminary findings and discuss the approach to the project from the information gathered in this phase.

Preliminary Design Development of Plan/Report (30% Phase)

1. Prepare preliminary (30%) design plans and/or reports which include supporting calculations, cost estimates, and a schedule.
2. Conduct pre-application meetings with regulatory agencies.
3. Initiate a Peer Review of the 30% plans and incorporate comments into the plans or report.
4. Coordinate with subconsultants to establish the scope of deliverables and timing of submittals.
5. Meet with City staff to present the 30% plans, reports, and preliminary calculations and establish a timeframe for when comments will be received from staff.

Conceptual Development of Plan/Report - (60% Phase)

1. Prepare 60% design plans/reports including supporting calculations, specifications, construction cost estimates, and a schedule. This phase will incorporate comments received from the City in the 30% conceptual design phase including input and permit requirements/conditions from the regulatory agencies.
2. Prepare and coordinate legal documents and exhibits that will be needed for construction, ingress/egress, or infrastructure improvements.
3. Perform peer review and quality control review on plans/reports, calculations, and specifications.
4. Prepare and submit permit applications to required agencies. WGI incorporates a systematic approach to permit follow-up and tracking. We pride ourselves on our ability to address permit issues and secure permits in a timely manner.
5. Meet with the City staff, if necessary, and present the 60% plans/report and preliminary calculations and establish a timeframe for when comments will be received from staff.

Design Development of Plan/Report - (90% Phase)

1. Prepare 90% design plans/reports including supporting calculations, specifications, construction cost estimates, and a schedule. This phase will incorporate comments received from the City in the 60% design phase including input received from the regulatory agencies.
2. Prepare final legal documents and exhibits that will be needed for construction, ingress/egress, or infrastructure improvements.
3. Perform peer review and quality control review on plans/reports, calculations, and specifications.
4. Address all comments received from the permitting agencies and make the required changes to the plan and supporting documents to secure the permits. WGI will always keep the best interests of the City in mind when negotiating with the regulatory agencies. We have the experience and expertise to know when a regulatory requirement is arbitrary and capricious and will do everything we can do to protect the City and mitigate any unnecessary requirements placed in the permits.
5. Secure all permits and inform the City of any special conditions or conditions that may affect the schedule or budget.
6. Perform Peer Review and Quality Control Review on plans/reports, calculations, and specifications.
7. Meet with the City staff, if necessary, and present the 90% plans/reports and preliminary calculations and establish a timeframe for when comments will be received from staff. We will give the City an update on the status of all permits and any outstanding issues at this stage.

**We coordinate
with our clients
at the end of
each stage to
ensure project
direction is on
target**

**Our process is
flexible and it
is modified to
meet project
specific needs**

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

1. Prepare 100% (final) documents including final reports, bid tabulation forms, specifications, plans, calculations, and final cost estimates. This phase will incorporate comments received from the City in the 90% design phase including input received from the regulatory agencies.
2. Perform a final peer review and quality control review on plans/reports, calculations, and specifications.
3. Meet with the City Staff to discuss the final plans/reports and permits and discuss how they will affect the implementation of the project.
4. Finalize and coordinate easements and exhibits necessary for the project.
5. Assist the City in preparing final bid documents and establish timeframes for when the project will be initiated.
6. Present project/report before the City Council.

Although the process above is applicable to most projects, we understand the need for flexibility and that it may not be appropriate for every project. For example, a site visit and the preparation of a project objective outline are critical components for scope development of a paving and drainage improvement or a park project; however, those tasks may not be required for a phase one environmental assessment, traffic study, or survey.

QUALITY CONTROL

WGI understands the importance of a documented and rigid Quality Control (QC) procedure for all of the services provided. In fact, WGI has a corporate QA/QC policy that dictates the process for the firm. The attention given to this process achieves several objectives; primarily and most notably, that the services meet and/or exceed the requirements and expectations of the City. By exceeding the requirements, it will ensure the WGI product and services meets the highest industry standard for technical quality and minimizes potential contractor claims. Every deliverable submitted to the City will be subject to our QC procedure to review the completeness and accuracy of reports, drawings, specifications, supporting calculations, and documentation.

Quality Assurance and Quality Control

Quality plans are the cornerstone of our firm's philosophy. Our staff clearly understands the value associated with delivering a quality product and the importance of this contract. Quality in a design project is closely tied to many factors, including adequate and experienced staff, comprehensive scheduling, and close coordination and communication between all interested parties. The WGI Team brings the expertise necessary to ensure these factors are closely monitored and achieved. WGI has adopted the quality control procedures used by the FDOT, which are systematic in nature and requires several different professionals to complete the checking and back-checking of work products. These procedures are incorporated into all of our designs. For your convenience, a graphic representation of our QC Process has been included in the next page. In addition, WGI has a Quality Assurance (QA) Manual that is specifically tailored to each of our design projects. The QA Manual addresses many issues and contains provisions for the following core items:

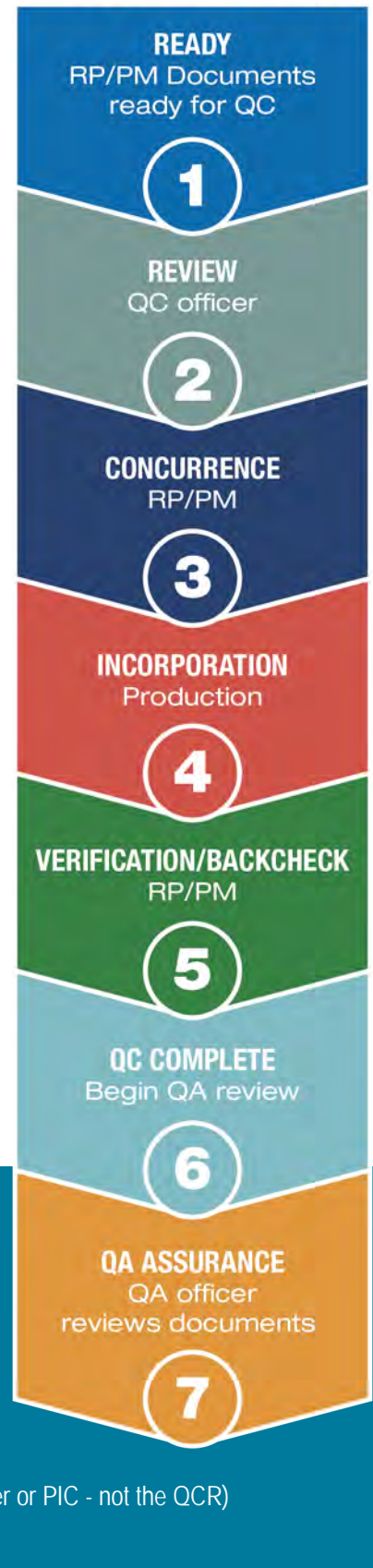
Plans Report and Checking Prior to any submittal, all plans/reports, including design calculations, will be checked and back-checked in accordance with the procedures outlined in the QA Manual to ensure compliance with current industry standards and codes. We also designate a single QC officer to review the entire submittal package for compatibility of design.

Scheduling The schedule must be realistic and comprehensive. All QA/QC activities must be built into the schedule and planned for just like any other project task. We know the importance of the QA/QC process as it relates to overall savings of time and costs and will utilize it to the fullest.

Peer Reviews Peer reviews are the highest level of action used to improve the quality of design projects. While this may not be specifically required, the Design Team will perform internal peer reviews prior to submittals as an added safeguard for the public and the City. It has been our experience that unbiased and diplomatic reviews by independent, high level professionals not only enhance quality, but can be also a highly cost-effective measure.

1. **READY** - RP/PM deems document ready for QC Review.
2. **REVIEW** - QCR reviews comments and marks using **YELLOW highlighter** for all correct items, **RED** pen to note change(s), and **BLUE** pen to comment or suggest to the RP/PM. QCR returns documents to RP/PM.
3. **CONCURRENCE** - RP/PM reviews QCR notes and using **GREEN** pen marks with a check to agree and incorporate, writes "STET" to leave as is, or writes a comment. RP/PM gives documents to production team member to make changes.
4. **INCORPORATION** - Production team member reviews comments from RP/PM and marks using **BLUE highlighter** to show changes have been made. Production team member returns corrected documents to RP/PM.
5. **VERIFICATION/BACKCHECK** - RP/PM reviews changes and marks using **YELLOW highlighter** over **BLUE highlighter** (to make **GREEN highlights**) showing all changes have been reviewed. All marks on documents should be **YELLOW** (correct on original) or **GREEN** (corrected via process). If performing electronic review (in Adobe), change the highlight properties and select the highlight color as needed.
6. **QC COMPLETE** - RP/PM files documents in QC Submittal Folder and send documents to QA Officer.
7. **QA ASSURANCE** - QA officer reviews, documents, and signs memorandum of compliance. Memorandum and copy of final QC plans, including tracking stamp, are scanned and filed electronically.

QC PROCESS



ROLES

RP - Responsible Professional (PIC, PM, EOR)

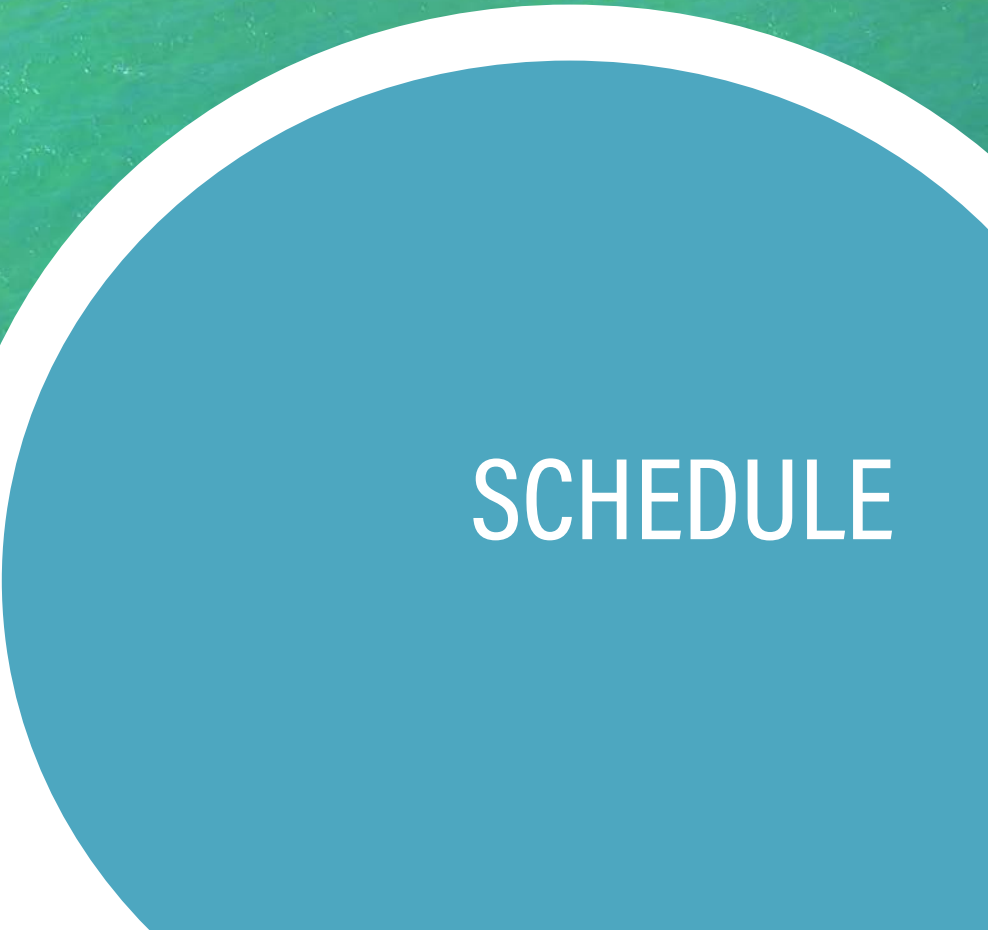
PM - Project Manager

QCR - Quality Control Reviewer (independent team member with no involvement in design decision process)

QA Officer - Quality Assurance Officer (independent team member who is senior engineer or PIC - not the QCR)

Production - Any member of production team





SCHEDULE



SCHEDULE

WGI will take full responsibility for all project management, peer review, and quality control tasks, as well as overall accountability for each assignment. Our contract manager, **Brett Oldford, PE** has successfully managed continuing services contracts for numerous municipalities. His work on continuing assignments has been performed on very challenging schedules with multiple tasks and competing deadlines. He is accustomed to handling simultaneous multi-project assignments and has been successful in delivering high quality services to all of his clients.

WGI firmly believes that difficult schedules are a function of manpower and the ability to effectively utilize that manpower. Brett has at his disposal a very talented technical and support staff and a full array of field and office technology necessary to meet those demanding schedules. WGI uses several programs including Newforma Project Analyzer and Deltek Vision to assist with keeping projects both organized and updated for budgetary purposes. This program is used by more than 50% of the *Engineering News Record* (ENR) top 100 design firms and Brett has full access to pull reports at any time for monitoring expenses versus work product.

Each task assignment under this contract will be supported by a detailed, precedent-based schedule. These schedules will be clear, concise, include all major milestone events, and account for comprehensive quality control activities. An overall contract critical path method (CPM) schedule will be prepared at the contract's onset. As individual work authorizations are issued, they will be supported by an individual work authorization schedule and also entered into the overall CPM database. This comprehensive contract-wide CPM database will allow the City and Brett the ability to review each work authorization and readily identify resource commitments and milestone dates. WGI is currently employing this scheduling technique to successfully balance resources and track multiple active task assignments. It is a proven tool that will serve Brett on this contract.

In addition, and most critical to keeping a project on schedule and under budget, is to keep clear lines of communication open at all times over the duration of the project. Our philosophy is to always be in contact with our clients, not only through e-mails, but also through regularly scheduled meetings and telephone conversations. Keeping the client 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 usually be quickly and easily resolved.

Our contract manager and project manager will schedule time to meet and discuss the project on a regular basis and can schedule more frequent meetings should an issue develop.

An example of our ability to keep projects on schedule and within budget is best represented our management of the four-year road bond program for the City of Lake Worth Beach. WGI was responsible for the management of four separate consultants in four districts with numerous projects and contractors working simultaneously in each district. As the fourth and final year of the program come to a close, the \$40M project was under budget and ahead of schedule.

Our schedules will be clear and concise, include major milestones, and account for quality control activities



REFERENCES





NE 2ND AVENUE ROADWAY RESTORATION AND BEAUTIFICATION

Delray Beach, Florida

WGI served as the lead design engineer for the NE 2nd Avenue Roadway "Complete Street" Project and worked closely with the City of Delray Beach, the City of Delray Beach CRA and the Florida Department of Transportation (FDOT) on the reconstruction and roadway enhancements of this local arterial roadway located within a historical district of the City. Due to a significant portion of the funding coming from the FDOT Local Agency Program (LAP), WGI's project engineer was responsible for the coordination and specific deliverable requirements inherent in a LAP-funded project, and for ensuring all criteria and requirements of the LAP funding process were addressed and fully documented. The overall goal of the project was to enhance the roadway, which runs through a historical district, by designing into the plan traffic calming features including reduced traffic lanes from 12 feet to 10 feet, raised plateau intersections, paverbrick crosswalks and landscaped bulb-outs. A unique feature in the design was the inclusion of green striped bicycle lanes to clearly designate the lanes which was a key requirement of the LAP funding.

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

REFERENCE:

City of Delray Beach
Environmental Resources Division
Isaac Kovner, PE
434 S. Swinton Avenue
Delray Beach, Florida 33444
p. 561.243.7322
e. kovner@ci.delray-beach.fl.us

DATE STARTED:

Design 2014
Construction 2016

DATE COMPLETED:

Design 2016
Construction 2016

TOTAL COST:

Design \$150K
Construction \$1.8M

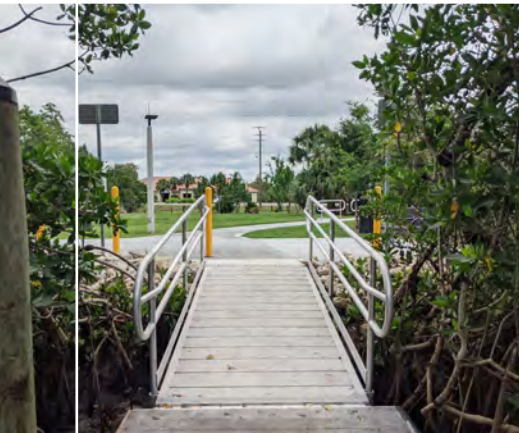
PROJECT MANAGER:

Brett Olford, PE

KEY STAFF:

James Richie, PE
Stephen Cherry, PE
Erik Brueningsen, PE





JONES CREEK KAYAK LAUNCH

Jupiter, Florida

Jones Creek is a major tributary of the Loxahatchee River in Jupiter, Florida. The Town of Jupiter acquired land along the creek on the south side of Indiantown Road and created a park with kayak launch to provide the general public with access to the creek. WGI designed civil engineering plans to provide a parking area and pathways to accommodate the kayak launch area. In addition, WGI obtained permits with the Town of Jupiter, South Florida Water Management District, and Florida Department of Transportation to accommodate the paving and drainage improvements.

PROJECT HIGHLIGHTS:

WGI reduced the cost of permitting, shortened the project schedule, and avoided impacts to sensitive mangroves by carefully selecting the project location and using a nationwide permit and obtaining a state permit exemption.

REFERENCE:

Town of Jupiter
Thomas Hernandez, PE
210 Military Trail
Jupiter, FL 33458
p. 561.741.2680
e. thomash@jupiter.fl.us

DATE STARTED:

Design: May 2017

DATE COMPLETED:

Design: August 2018

TOTAL COST:

Environmental Services: \$13,988
Total: \$56,250 (design)

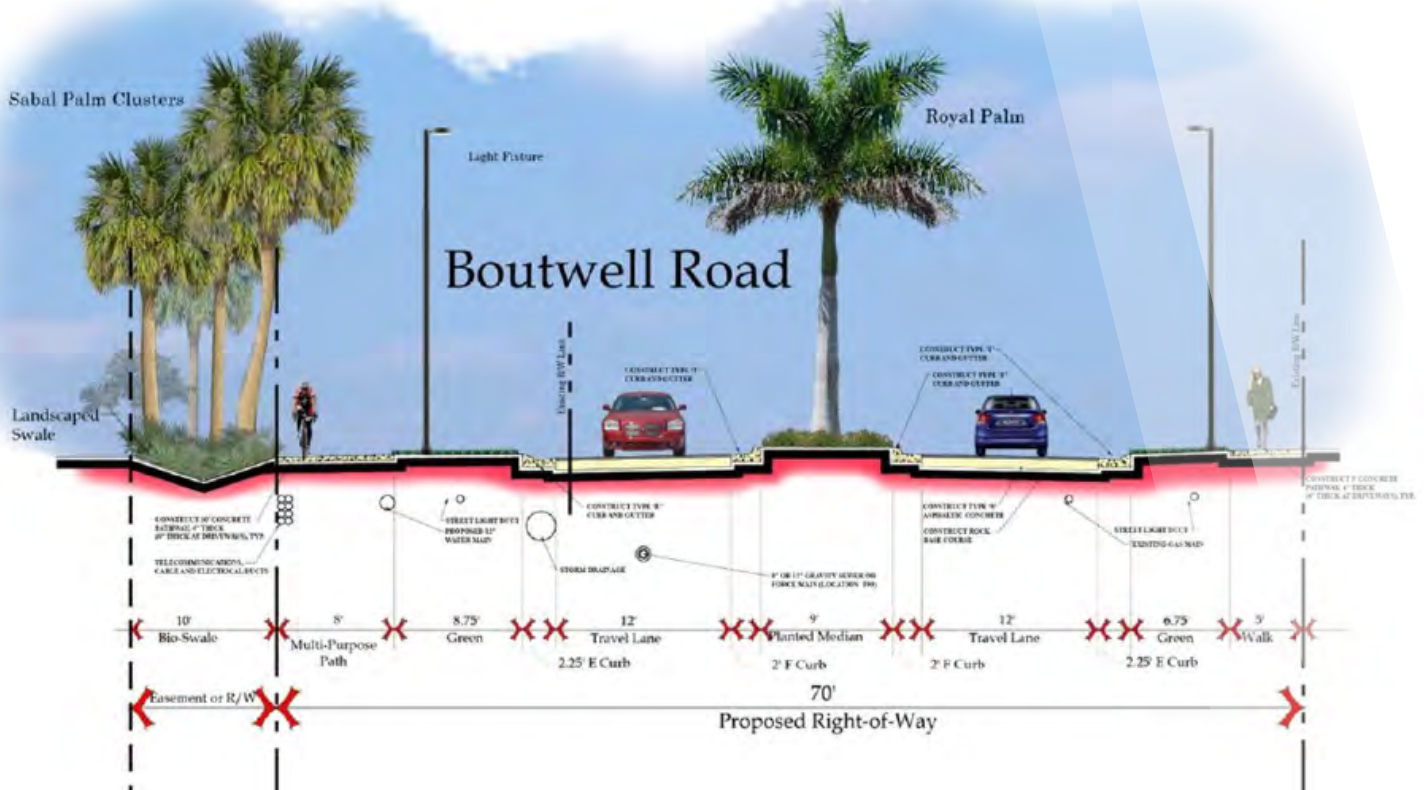
PROJECT MANAGER:

Chris Holmes, PE

KEY STAFF:

Rick Harman, PWS, CEP
Christa Cherry, CEP-IT





BOUTWELL ROAD IMPROVEMENTS

Lake Worth Beach, FL

The City of Lake Worth received Federal Local Agency Program (LAP) funding to improve sections of roadway in the Lake Worth Park of Commerce - Phase 2. WGI was requested to perform civil engineering, environmental, and signal design services for portions of the project. The scope of WGI's services also include Florida Department of Transportation LAP coordination and public outreach as a requirement of the LAP process.

WGI will perform a water and sewer utility design, drainage design, signal warrant analysis for the intersection of 7th Avenue North and Boutwell Road, design roadway infrastructure improvements within the 7th Avenue North R/W from Boutwell road east to the Fitch Ditch, and the environmental department will perform a Type I Categorical Exclusion for the entirety of the LAP project, and coordinate with SHPO for any national historical registered properties.

PROJECT HIGHLIGHTS:

- This project is one example of how WGI obtains the environmental approvals needed to secure Local Agency Program (LAP) funding for projects that have state or other funding sources.

REFERENCE:
 City of Lake Worth Beach
 Julie Parham, PE
 p. 561.589.1798
 e. jparham@lakeworth.org

DATE STARTED:
 September 2018

DATE COMPLETED:
 July 2019

TOTAL COST:
 \$111K

PROJECT MANAGER:
 Tom Mueller, PE

KEY STAFF:
 Chris LaForte, PE
 Chris Holmes, PE
 Christa Cherry, CEP-IT
 John Abbott, PG, CEP





CINQUEZ PARK DESIGN-BUILD

Palm Beach County, Florida

Cinquez Park is a 13-acre community park located at the intersection of Indiantown Road and Center Street in the Town of Jupiter, Florida. The park includes three individual dog parks and a restroom building with associated sidewalks and on-street parking areas. WGI's scope of work included civil engineering and landscape architecture services. Civil engineering services included permitting with South Florida Water Management District, Florida Department of Transportation, and Palm Beach County. The surface water management system for the park is composed of a large on-site lake designed to retain a 100-year 3-day storm event prior to discharging off site.

The Park's development was split into two phases. Phase I included an open space park with on-street parking, site lighting, a small restroom/storage building, sidewalks, gazebos, a lake, and a dog park.

Phase II of Cinquez Park included a playground area, additional sidewalks, an additional gazebo, and construction of a treehouse in the large Banyan tree located on the property.



REFERENCE:

Town of Jupiter
Tom Driscoll
210 Military Trail
Jupiter, Florida 33468
p. 561.741.2215
e. thomasd@jupiter.fl.us

DATE STARTED:

Design October 2016
Construction May 2017

DATE COMPLETED:

Design May 2017
Construction October 2018

TOTAL COST:

Design \$96.5K
Construction \$3M

PROJECT MANAGER:

Chris Holmes, PE

KEY STAFF:

Brett Oldford, PE
Jason Mihalovits, PLA, LEED AP
Merouane El Kaoussi, EI
Kirsten Siegel, PLA





LAKE WORTH BEACH NEIGHBORHOOD ROAD PROGRAM

Lake Worth Beach, Florida

Voters in the City of Lake Worth Beach overwhelmingly approved the proposed Neighborhood Road Program in the November 2016 election. Approximately 67% of the voters supported funding the program through a general obligation bond of \$40M.

The Neighborhood Road Program is the City's largest capital improvement project to date and will dramatically improve not only transportation throughout the City's residential areas, but improve water distribution and wastewater collection. WGI was hired to oversee the engineering, public outreach, and construction management of this 4-year roadway improvement program. WGI services included ensuring the overall success of the program, approving design plans for roadway and utility improvements, maintaining project schedules and budgets, as well as the development and implementation of a Public Involvement Plan, public meetings, designing and maintaining a program website, and operation of a multilingual hotline. WGI served as the single point of contact and information center for City staff and public inquiries. This role maintains consistency, cohesiveness, and collaboration among City staff and consultants resulting in the most effective program.



REFERENCE:

City of Lake Worth Beach
 Brian Shields, PE
 Director/City Engineer/Utilities 301
 College Street
 Lake Worth Beach, Florida 33460
 p. 561.586.1675
 e. BShields@lakeworth.org

DATE STARTED:

Design February 2017
 Construction September 2017

DATE COMPLETED:

Design July 2017
 Construction September 2021

TOTAL COST:

\$40M

PROJECT MANAGER:

Brett Oldford, PE

KEY STAFF:

Richard Hasko, PE
 Stephen Cherry, PE
 Bryan Peterson





CITY OF DELRAY BEACH CITY MARINA IMPROVEMENTS

Delray Beach, Florida

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. The project started with a structural assessment report for the seawall and ended in a marina upgrade project which included a new floating dock system, upgraded water, vacuum sewer, electrical, and communications services, ADA accessible walkways, security fencing and new landscape. A contractor has been selected and the project will begin construction in June 2019.



REFERENCE:

City of Delray Beach
 Mr. Isaac Kovner, PE
 434 S. Swinton Avenue
 Delray Beach, Florida 33444
 p. 561.243.7341
 e. kovner@mydelraybeach.com

DATE STARTED:

Design September 2016
 Construction June 2019

DATE COMPLETED:

Design December 2018
 Construction Ongoing

TOTAL COST:

Design \$196K
 Construction \$3.136M

PROJECT MANAGER:

Tim DeLand, PE

KEY STAFF:

Tom Mueller, PE
 Angela Biagi, PLA, LEED BD+C
 Eric Matthews, PSM





MARINE WAY HISTORICAL DISTRICT SEA LEVEL RISE DESIGN ANALYSIS

Delray Beach, Florida

WGI analyzed the effects that sea level rise has on the infrastructure within the Delray Beach Marina Historical District. The analysis examined various components of the district including the recurring problem of King Tides events, the missing pedestrian link between the City marina to the south and Veteran's Park to the north, private property rights, stormwater management, and environmental constraints. In addition to analyzing the infrastructure and land ownership issues, the City requested the services of WGI's Public Planning Division to perform a fully integrated public outreach program to keep the residents in the vicinity of the historical district involved throughout the entire planning, permitting, and design process.

As part of the process, WGI planners drafted a Public Involvement Plan (PIP), maintained a list of residents and stakeholders, facilitated public meetings, and created a website to ensure that the community was informed and involved in the entire process.

The design phase of the project will incorporate the information gathered in the initial data and fact finding phase and will include separate engineering design options, including preliminary engineering plans and cross sections for Marine Way, street lighting, seawall design, landscaping, wayfinding signage, private dock removal and replacement, stormwater pump station design, and a cost analysis.

In addition, this contract included the preliminary design of a seawall along the Marine Way right-of-way and ties into the Atlantic Avenue Bridge to the north and to the seawall in the City marina to the south. The wall is being designed to meet the sea level rise anticipated in the next 75-100 years.

REFERENCE:

City of Delray Beach
Mr. Jeffery Needle, PE
101 NW 1st Avenue
Delray Beach, Florida 33444
p. 561.243.7163 / f. 561.243.7060
e. needlej@mydelraybeach.com

DATE STARTED:

Design Study 2017
Construction N/A

DATE COMPLETED:

Design Study Ongoing
Construction N/A

TOTAL COST:

Design Study \$285K
Construction N/A

PROJECT MANAGER:

Brian LaMotte, PE, LEED AP

KEY STAFF:

Brett Oldford, PE
Stephen Cherry, PE
Eric Matthews, PSM





SEACREST CORRIDOR UTILITY IMPROVEMENTS DESIGN-BUILD

Palm Beach County, Florida

WGI was selected by the City of Boynton Beach to design and oversee construction a substantial infrastructure improvement project. The neighborhood improvements included 60,000 linear feet of water main replacement, moving rear yard services and meters to front yards, 5,000 linear feet of stormwater system upgrades, pavement reconstruction and overlay, roadside swales, driveway aprons, and sidewalks over a 50 block residential neighborhood covering 252 acres. A critical sanitary sewer force main connection was also designed and installed that provided connectivity of the City's sanitary sewer system across the FEC Railroad and Intracoastal Waterway to the barrier island. Installation of the 6-inch to 10-inch diameter water and force main utilized a combination of open cut, horizontal directional drill, jack and bore and pipe bursting construction methods.

Additional services provided by WGI included survey, subsurface utility engineering, landscape architecture, environmental permitting and public outreach activities. WGI planners created 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.



REFERENCE:

City of Boynton Beach
 Christopher Roschek, PE
 Project Manager
 124 E. Woolbright Road
 Boynton Beach, Florida 33435
 p. 561.742.6413
 e. RoschekC@BBFL.us

DATE STARTED:

Design November 2017
 Construction August 2018

DATE COMPLETED:

Design September 2018
 Construction July 2019

TOTAL COST:

Design \$1.2M
 Construction \$13M
 Public Outreach \$60K

PROJECT MANAGER:

Jimmy Richie, PE

KEY STAFF:

Tabb Ormsby, ASLA, LEED AP+ND
 Bridget Callea
 Bryan Peterson





KISSIMMEE PRAIRIE PRESERVE STATE PARK ADA BATH HOUSE

Okeechobee County, FL

WGI was contracted by the Florida Department of Environmental Protection to provide design, permitting and construction phase services for a prefabricated ADA bathhouse capable of supporting 19 RV sites and 10 tent camp sites; supporting septic system; a new onsite well to increase water pressure throughout the campgrounds and other supported facilities; connection to existing onsite electrical panel; one ADA parking pad and one stabilized parking pad; any other ancillary services as required for the project development.



REFERENCE:

Florida Department of
Environmental Protection
C B Hewitt
3900 Commonwealth Blvd.
Tallahassee, FL 32399
p. 850.245.2798
e. Catalina.Weaver@myfwc.com

PROJECT DATES:

Design 2018
Construction 2018 - 2019

TOTAL COST:

Design: \$24,004
Construction: \$250,000

PROJECT MANAGER:

Chris Holmes, PE

KEY STAFF:

Brett Oldford, PE
Merouane El Kaoussi, PE
Tom Mueller, PE





KRAVIS CENTER FOR THE PERFORMING ARTS

West Palm Beach, Florida

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



REFERENCE:

The Raymond F Kravis Center for the Performing Arts
James Mitchell, COO
701 Okeechobee Blvd.
West Palm Beach, Florida 33401
p. 561.651.4237

DATE STARTED:

Design: July 2016
Construction: April 2018

DATE COMPLETED:

Design: March 2018
Construction: November 2019

TOTAL COST:

Design \$235K

PROJECT MANAGER:

Angela Biagi, PLA, LEED AP BD+C

KEY STAFF:

Jeff Brophy, PLA
Erik Brueningsen, PE
Brett Fuller, PE
Adam Schildmeir
Rick Harman





WEST SHOULDER LANDSCAPE TREATMENT



ALTERNATE A1A STREETScape DESIGN

Palm Beach Gardens, Florida

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



REFERENCE:

The City of Palm Beach Gardens
 Cory Wilder
 Director of Parks and Grounds
 4301 Burns Road
 Palm Beach Gardens, FL 33410
 p. 561.804.7035
 e. cwilder@pbgfl.com

DATE STARTED:

Design September 2015
 Construction August 2017

DATE COMPLETED:

Design May 2017
 Construction October 2018

TOTAL COST:

Design \$30K
 Construction \$374K

PROJECT MANAGER:

Jason Mihalovits, PLA, LEED AP

KEY STAFF:

Cheryl Callender, PLA, LEED, SITES AP, ISA Certified Arborist
 Jerrod Purser, PLA, ASLA





BANYAN BOULEVARD FROM AUSTRALIAN AVENUE TO FLAGLER DRIVE

West Palm Beach, Florida

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

Typical roadway sections were developed to transform the corridor into a bicycle and pedestrian-friendly link while adhering to current Florida Design Manual standards and meeting an acceptable level of service based on adopted criteria. The recommended typical section incorporates a raised protected cycle track for the length of the corridor. This alternative protects cyclists from vehicular conflicts and reduces the width of pavement which lends itself to slower driving speeds. The use and placement of the canopy trees creates a sense of enclosure and visual order which is currently lacking. Due to the urban setting, soil cells installed underneath the sidewalk were a key component to the overall design and ensure the canopy trees would have enough soil and water to thrive. Bioswales planted with native groundcover were used to alleviate drainage issues throughout the corridor. This design will reinvent Banyan Boulevard as a corridor prototype for multi-mobility in the City.

PROJECT HIGHLIGHTS:

- Streetscape and Urban Design
- Complete Street
- Bike/Ped Facility Design
- Green Infrastructure

REFERENCE:

City of West Palm Beach
 Uyen Dang, PE
 401 Clematis Street
 West Palm Beach, FL 33401
 p. 561.822.2100
 e. udang@wpb.org

DATE STARTED:

Design May 2017
 Construction May 2020

DATE COMPLETED:

Design November 2019
 Construction Anticipated May 2022

TOTAL COST:

Design \$1M
 Construction \$15M

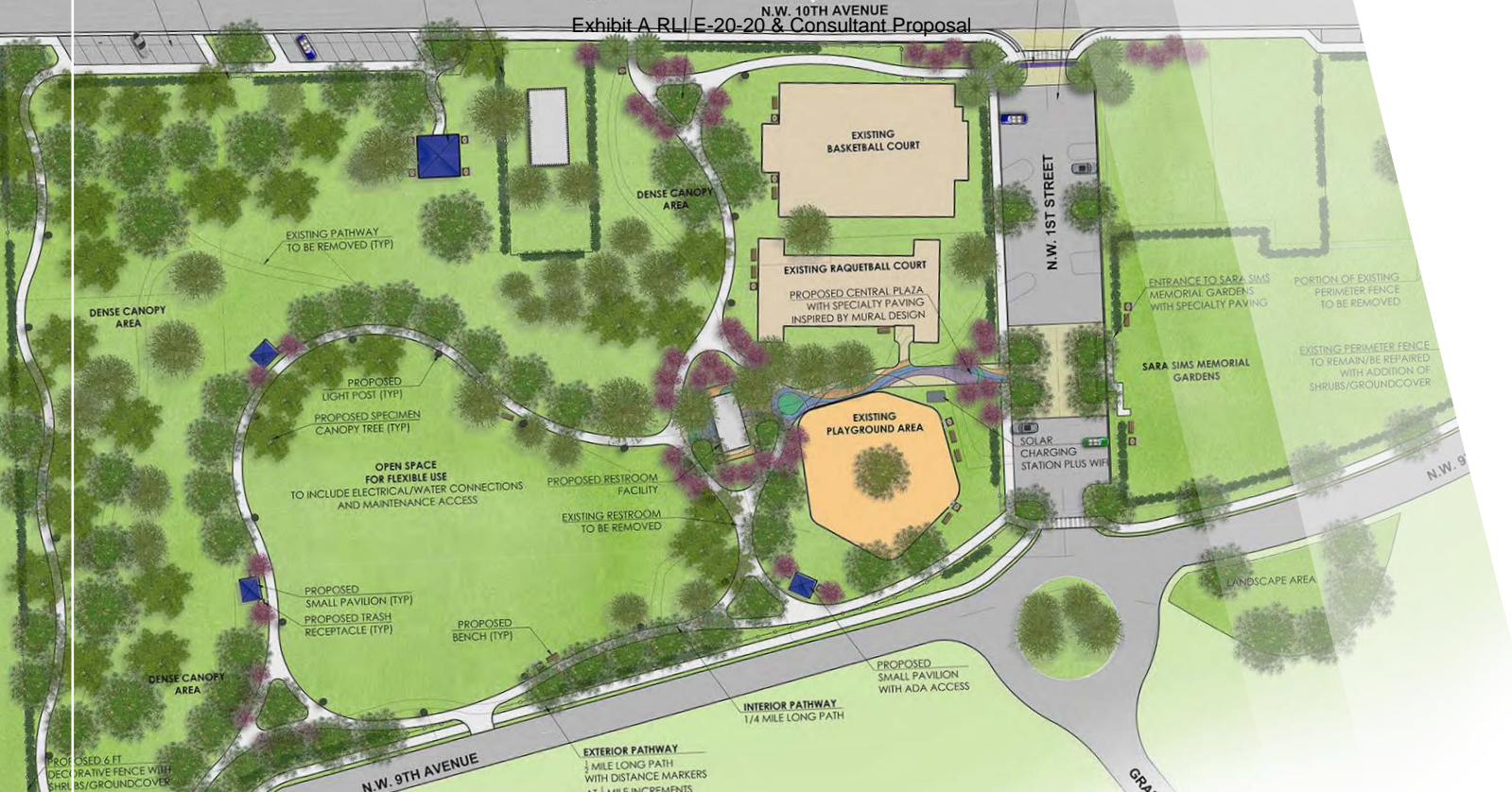
PROJECT MANAGER:

John Cerreta, PE

KEY STAFF:

Jason Mihalovits, PLA, LEED AP
 Angela Biagi, PLA, LEED BD+C
 Brett Fuller, PE





SARA SIMS PARK

Boynton Beach, Florida

WGI prepared the conceptual design for master plan improvements to one of the City's historic parks; Sara Sims Park in downtown Boynton Beach. Sara Sims Park was a 12-acre, blighted park in one of the City's poorest neighborhoods, named in honor of a well-known community activist from the early 1900s. The park included a number of passive and active recreational activities, including walking trails, basketball courts, and a children's playground, all of which had fallen into disrepair. The park is part of the City's Cemetery Heritage Trail.

The design for the master plan improvements included developing various walking trails and trailheads, updated modern restrooms, signage improvements, and incorporating public art elements. Additional improvements incorporated landscape and irrigation improvements, as well as various park elements including pavilions, security fencing, and parking upgrades. As part of the master plan improvements, WGI also developed a contemplation area within the historic African American Cemetery inside the Park.



REFERENCE:

City of Boynton Beach
Wally Majors
100 E Boynton Beach Boulevard
Boynton Beach, Florida 33435
p. 561.742.6255
e. MajorsW@bbfl.us

DATE STARTED:

Design October 2017

DATE COMPLETED:

Design January 2018

TOTAL COST:

Design \$7.5K

PROJECT MANAGER:

Jason Mihalovits, PLA, LEED AP

KEY STAFF:

Cheryl Callender, PLA, SITES AP
Jerrod Purser
Laura Collazos





MOUNTS BOTANICAL GARDENS

West Palm Beach, Florida

WGI collaborated with Harries Heder Collaborative for Palm Beach County Art in Public Places to develop a tropical wetland garden that fulfilled a portion of Mount's Master Plan. This included incorporating artist's interactive installation pieces into an intimate garden setting that would provide educational messages that fulfilled Mount's mission statement of encouraging the art, science, and joy of gardening to foster a respect and understanding of South Florida's subtropical environment.

PROJECT HIGHLIGHTS:

This award-winning project received the following recognitions:

- Design Award of Honor from Florida ASLA in 2018
- Outstanding Project Award from The Florida Urban Forestry Council in 2018



REFERENCE:

Palm Beach County Art in Public Places
 Rochelle Wolberg
 Curator - Director
 2633 Vista Parkway
 West Palm Beach, FL 33411
 p. 561.233.1751
 e. rwolberg@pbcgov.org

DATE STARTED:

Design 2014
 Construction 2016

DATE COMPLETED:

Design 2016
 Construction 2017

TOTAL COST:

Design \$40K

PROJECT MANAGER:

Kirsten Siegel, PLA

KEY STAFF:

Chris LaForte, PE
 Adam Schildmeier, PE
 Jason Mihalovits, PLA
 Rick Harman, CEP, PWS





PALM SPRINGS PARK CONNECTOR PROJECT

Palm Springs, Florida

As part of a multi-phase project, WGI provided design and consulting services to the Village Of Palm Springs for their park connector project. The project was developed to provide a pedestrian greenway connecting the Village’s numerous parks and encourage a healthy lifestyle for the Village residents. WGI worked with the Village to develop the program and phasing of the project; developed design concepts for the hardscape, signage, site amenities, and landscape treatment; and then developed full construction drawings for all five phases. WGI provided full services for the project.

PROJECT HIGHLIGHTS:

The project includes over six miles of pedestrian trails connecting seven different parks.



REFERENCE:

Village of Palm Springs
Justin Lucas
p. 561.434.5109
e. jlucas@vpsfl.org

DATE STARTED:

Design: June 2019

DATE COMPLETED:

Design: On-going

TOTAL COST:

Design \$250K

PROJECT MANAGER:

Kirsten Siegel, PLA

KEY STAFF:

Jason Mihalovits, PLA
Kirsten Siegel, PLA
Laura Collazos, ASLA
Bryan Jackman, ASLA





ABACOA TOWN CENTER

Jupiter, Florida

The Abacoa Town Center was developed approximately 15 years ago as the central commercial district to support the overall Abacoa development. Over the years the Town Center has lost many of its tenants and has lost the life that once filled the center. WGI was hired to develop an overall master plan and detailed concept plans for key areas throughout the Town Center to help with the revitalization efforts. The overall design goal was to create a state of the art destination for Abacoa communities and surrounding neighborhoods to experience local art, culture, music, fun and games in a safe, educational and family friendly interactive environment which will reinvigorate life into the town center. The design process began with client meetings and extensive research into successful downtown and town center developments. Ideas were generated and the overall program was developed. The program was then refined into one overall master plan and several detailed concept plans and renderings to convey the intent of the program and design.



REFERENCE:

FLF Holdings
 Mr. Josh Simon
 601 Heritage Drive, Suite 227
 Jupiter, Florida 33458
 p. 561.575.6454
 e. joshsimon@flfholdings.com

SIZE OF PROJECT:

Approx. 30 Acres

DATE COMPLETED:

Design Fall 2015
 Construction N/A

TOTAL COST:

Design \$8,400
 Construction N/A

PROJECT MANAGER:

Tiffany May, PLA

KEY STAFF:

Bryan Peterson





INTERACTIVE STREET ART



FOOD TRUCK MARKET



LOW SHRUBS & STREET TREES



SHIPPING CONTAINER POP-UPS



ARTISTIC DIRECTIONAL SIGNAGE



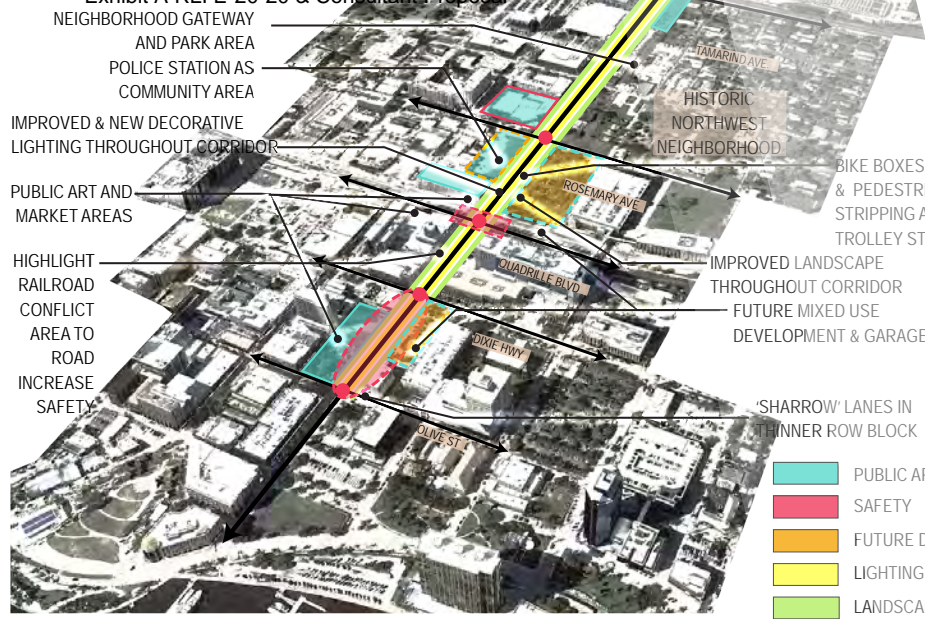
INNOVATIVE WAYFINDING



GATEWAY ENTRY & PARK



PREVIOUS PAVING STRIP



SEPARATE BIKE LANES



HIGHLIGHT CONFLICT ZONES



GREEN WALLS ON GARAGES



PED. STRIPING IN BIKE LANES

BANYAN BOULEVARD FROM AUSTRALIAN AVENUE TO FLAGLER DRIVE

West Palm Beach, Florida

The Banyan Boulevard "Complete Street" Project is more than a physical redesign of this historically significant downtown West Palm Beach corridor. In many American cities, the role that roads play may be more than just a means of travel; they serve as gateways, landmarks, connections and unfortunately, at times, dividing lines. WGI Planners have wide-ranging experience with redevelopment activities that involve removing social barriers often created by the corridors within a community. Properly executed, this project has the power to unite, physically and socially, the adjacent historic West Palm Beach neighborhoods and business districts, and the people who reside and work within them.

The Banyan Boulevard project will involve two phases; planning and design as Phase 1 and permitting, bidding, and construction as Phase 2. Future design considerations, which were identified to address safety, public art, future development projects, landscaping, and intersection improvements, were incorporated into the public engagement and outreach efforts, which included hosting public meetings, conducting surveys, and keeping residents informed on the project status. This is an important project intended to fulfill the City's vision of removing the physical and social barriers that the roadway creates, while at the same time reestablishing the corridor as a prominent gateway to the City of West Palm Beach.

REFERENCE:

City of West Palm Beach
 Vladimir Jeannot, PE
 401 Clematis Street
 West Palm Beach, FL 33401
 p. 561.494.1107
 e. vjeannot@wpb.org

DATE STARTED:

Design May 2017
 Construction May 2020

DATE COMPLETED:

Design May 2018
 Construction Anticipated May 2022

TOTAL COST:

Design \$1M
 Construction \$15M

PROJECT MANAGER:

John Cerreta, PE

KEY STAFF:

Jason Mihalovits, PLA, LEED AP
 Angela Biagi, PLA, LEED BD+C
 Brett Fuller, PE





Site Data

Project Name	Sabal Pines Park
Future Land Use Designation	(Low 5.0) Residential 5 d.u./ac.
Zoning District	(PUD) Planned Unit Development
Existing Use	(P&R) Parks & Recreation
Section 8	Township 48 Range 42
Folio Number	4842 08 07 0050
Total Site Area	(285,658 s.f.) 6.558 ac.
Total Building Square Footage	1,449 s.f.
Storage Building	881 s.f.
Restroom Building	568 s.f.
Total Parking Provided	73 sp.
Existing Paved Parking	61 sp.
Proposed Stabilized Grass Parking	12 sp.

SABAL PINES PARK CONTINUING SERVICES FOR URBAN PLANNING AND LANDSCAPE ARCHITECTURE

Coconut Creek, Florida

Under its continuing service contract with the City of Coconut Creek for Urban Planning and Landscape Architecture, WGI created the park design for a new portion of Sabal Pines Park, located in the City of Coconut Creek. Park improvements include a t-ball field, coach pitch field, and a multi-purpose field.

Scope of services includes preparation of landscape plan, site plan, approval from regulatory agencies, preparation of bid documents, and construction management services. The project was completed in February 2013.



REFERENCE:

City of Coconut Creek
 Sheila Rose
 4800 West Copans Road
 Coconut Creek, Florida 33063
 p. 954.973.6756
 e. srose@coconutcreek.net

DATE STARTED:

Design June 2010
 Construction October 2012

DATE COMPLETED:

Design October 2011
 Construction February 2013

TOTAL COST:

Design \$50K
 Construction \$1M

PROJECT MANAGER:

Doug Murray, PLA





POMPANO BEACH FISHING PIER

Pompano Beach, Florida

WGI was contracted by the City of Pompano Beach to design an 864-foot-long replacement fishing pier. Design of the pier walkway forms a circle around a bait shop and continues east. The walking surface is approximately 20-feet wide up to the mean high water mark. Beyond the mean high water line, the deck widens to 30 feet to the east end of the pier. In lieu of the previous octagonal shaped end, the structure was designed to represent the head of a pompano fish, similar to the City's logo. The walking surface deck was constructed utilizing concrete beams and wood decking.

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.

Award Winning Project

For the work completed on the Pompano Beach Fishing Pier, WGI was recognized by the American Council of Engineering Companies (ACEC) of Florida as the recipient of an Engineering Excellence Award of Honor. The award is based on the use of unique and innovative applications; future value to the engineering profession; perception by the public; social, economic, and sustainable development considerations; complexity; and successful fulfillment of the client/owners' needs, including schedule and budget management.

REFERENCE:

Horacio Danovich
City of Pompano Beach
100 West Atlantic Boulevard
Pompano Beach, Florida 33060
p. 954.786.4669
e. Horacio.Danovich@copbfl.com

DATE STARTED:

Design February 2014
Construction July 2019

DATE COMPLETED:

Design May 2017
Construction In Progress

TOTAL COST:

Design \$459K
Estimated Construction Cost \$8M

PROJECT MANAGER:

Chris LaForte, PE

KEY STAFF:

Tim DeLand, PE
Jeffrey Bergmann, PE
Sasha Kishore, EI
Tim Sherwood, BI





BILL KEITH PRESERVE SHORELINE RESTORATION

Broward County, Florida

The City of Fort Lauderdale engaged WGI to create a shoreline protection zone along the southern extent of the Bill Keith Preserve Park adjacent to the New River. The proposed shore protection is approximately 750 lineal feet and will be periodically separated to allow navigation for canoes, kayaks, paddle boards and other small vessels. The New River is a deep navigable channel with depths to 15 feet. The proposed shoreline protection consists of an alternating, offset, curved rip-rap groin structure in combination with a steel sheet pile toe wall, for stabilization adjacent to the navigation channel. With the addition of the groin structure, WGI recognized that sediment depositions and the groin-shoreline water quality would be affected. As part of the shoreline protection project, sediment transport, incipient wave and channel flushing analysis of the groin impacts was performed. Through the distinct yet simple geometry of the breakwater, WGI was able to significantly mitigate the anticipated shore erosion while maintaining the crucial environmental flushing needed for continued water quality..

REFERENCE:

City of Fort Lauderdale
 Alex Rio
 100 N Andrews Avenue
 Fort Lauderdale, FL 33301
 p. 954.828.5389
 e. ario@fortlauderdale.gov

DATE STARTED:

Design August 2019
 Construction Ongoing

DATE COMPLETED:

Design December 2020
 Construction Ongoing

TOTAL COST:

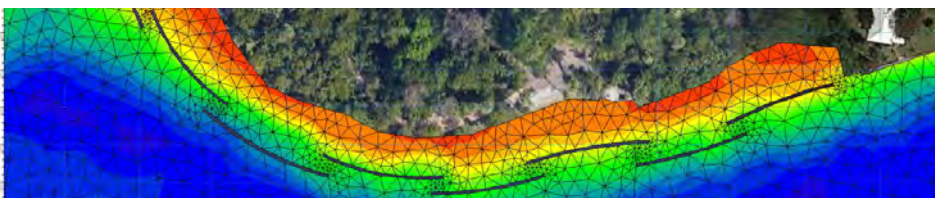
Design \$80K
 Construction TBD

PROJECT MANAGER:

Jeffrey Bergmann, PE

KEY STAFF:

John Abbott, PG, CEP
 Chris LaForte, PE
 Sasha Kishore, EI

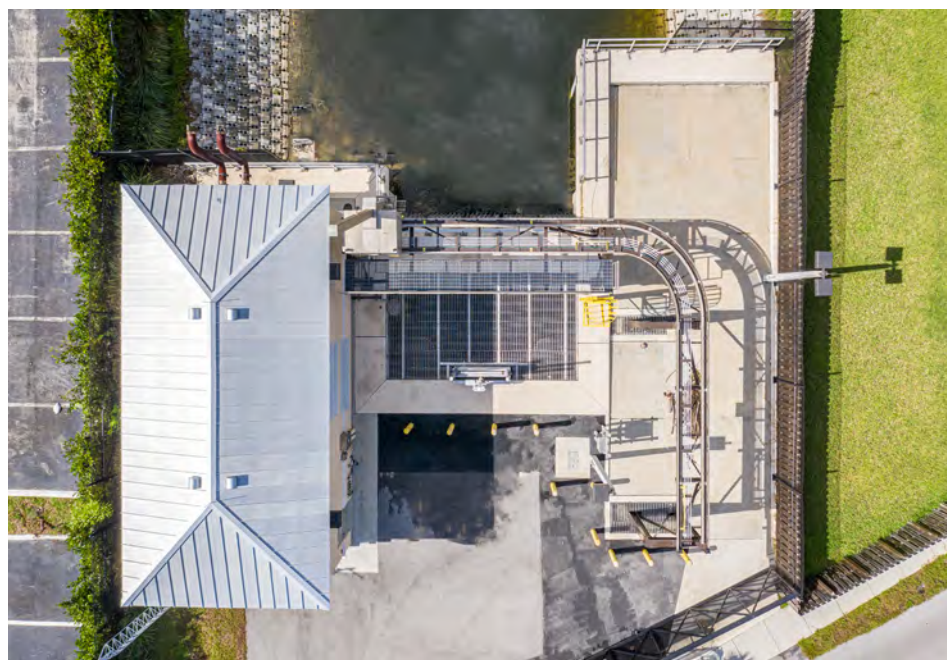




SUNRISE PUMP STATION NO.2

Broward County, Florida

WGI provided design and construction phase services for Sunrise Pump Station No. 2. A stormwater pumping station with a standby generator building. The project consists of a concrete wet-well with submersible pumps and an emergency CMU generator building with hollow-core ceiling and a metal standing scam roof. The wet-well has an aluminum trash rack with an automatic trash removal arm, and the canal banks have been protected with interlocking mat revetments. The limited construction space makes this project unique since all required equipment had to fit into a small space.



REFERENCE:

Mock Roos & Associates, Inc.
Garry Gruber, PE
5720 Corporate Way
West Palm Beach, FL 33407
p. 561.683.3113
e. garry.gruber@mockroos.com

DATE STARTED:

Design October 2010
Construction January 2015

DATE COMPLETED:

Design February 2014
Construction June 2015

TOTAL COST:

Design \$49K
Construction \$2.5M

PROJECT MANAGER:

Tim DeLand, PE

KEY STAFF:

Sasha Kishore, EI
Tim Sherwood, BI
Craig Burkhardt





PORT EVERGLADES POWER PLANT

Fort Lauderdale, Florida

The Port Everglades Power Plant has been upgraded to replace the existing generator systems with more efficient systems. As part of the overall plant revitalization, WGI's Structures Systems Division provided a structural evaluation, condition assessment and modification plans and inspections to the existing intake structure which fed the entire power plant with cooling water for the generators.

Based on our recommendations, the intake structure was rehabilitated safely in phases requiring minimal disruption to other facilities being replaced. Our tasks included providing a modified top to support the new intake pumps and debris racks and enhancing the intake walls to provide long-term corrosion resistance.



REFERENCE:

Florida Power & Light Company
 Mr. Dennis Donahue
 1 East 11th Street
 Riviera Beach, FL 33404
 p. 561.863.1837
 e. Dennis.Donahue@fpl.com

DATE STARTED:

Design June 2014
 Construction June 2014

DATE COMPLETED:

Design September 2014
 Construction September 2014

TOTAL COST:

Design \$48K
 Construction \$1M

PROJECT MANAGER:

Tim DeLand, PE

KEY STAFF:

Dave Mizelle





ALTON LAKE CROSSING RETAINING WALL

Palm Beach Gardens, Florida

The Alton Development in Palm Beach Gardens contains a major lake crossing between the residential neighborhoods north of Grandiflora Road and the commercial parcel adjacent to Donald Ross Road. To link these distinct areas a dynamic roadway crossing was needed.

WGI designed a 200-foot long arched vertical curve lake crossing with two parallel retaining walls. These retaining walls included large at-grade planters for trees and eight-foot and ten-foot pedestrian and bike shared-use paths offset from the roadway by four-foot green spaces woven into the sidewalk alignment. The exterior parapet walls of the crossing included two large cantilevered overlook viewing and seating areas at the center of the lake crossing. Special lighting was integrated into the decorative parapet columns along the crossing perimeter.

This integrated roadway, landscape, hardscape, and pedestrian-friendly crossing provides a key gateway between the residential and commercial areas of the development.



REFERENCE:

Kolter Homes, LLC
Mr. Scott Morton
701 S. Olive Avenue
West Palm Beach, Florida 33401
p. 561.515.4450
e. smorton@kolter.com

DATE STARTED:

Design April 2014
Construction July 2016

DATE COMPLETED:

Design September 2014
Construction September 2016

TOTAL COST:

Design \$29K
Construction \$720K

PROJECT MANAGER:

Jeffrey Bergmann, PE

KEY STAFF:

Sasha Kishore, EI
Craig Burkhardt





PALM BEACH SHERIFF'S OFFICE HQ - HURRICANE HARDENING

Palm Beach County, Florida

PBSO Building A is located on Gun Club Road in Palm Beach County and it houses the 911 Emergency Call Facility among other critical services. As part of an overall building space planning and renovation, Palm Beach County wanted to expand the call center in areas adjacent to the existing 911 hurricane hardened area; conduct a structural assessment of the existing facility to assess the perimeter envelope, allowable floor and roof loads, and provide construction documents for upgrading the building to meet current FBC hurricane loading requirements.

WGI performed an analysis of the existing building to establish the structure's allowable capacity. A frame analysis of the original and 1990 addition will be performed. Areas of concern were identified and recommendations for replacement or strengthening were provided. The foundations, floors, and roof were analyzed for their allowable capacity. Areas identified by the client as requiring additional support of equipment, storage, re-roofing, and a mezzanine infill were reviewed or designed with repair or enhancement recommendations provided for additional support and structural modifications.

WGI developed exterior envelope hardening options to obtain preliminary costs from the Construction Manager with two options developed. Option 1 included the use of exterior concrete panels, vertically supported by an independent foundation system and laterally connected to the existing structure at the roof diaphragms. Option 2 included an external reinforced CMU wall vertically supported by an independent foundation system and laterally connected to the existing structure at the floor and roof diaphragms. A concept design report was prepared to describe each of the options. Based on a review the County and PBSO drawings were developed showing typical reinforcing, connection to the existing structural floor framing, and connection at the foundation and roof level for Option 2.

REFERENCE:

Palm Beach County Facilities
Audrey Wolf
2633 Vista Parkway
West Palm Beach, FL 33411
p. 561.233.0200
f. 561.233.2002
e. awolf@pbcgov.org

DATE STARTED:

Design January 2017
Construction TBD

DATE COMPLETED:

Design Ongoing
Construction TBD

TOTAL COST:

Design \$163K
Construction \$12M

PROJECT MANAGER:

Jeffrey Bergmann, PE

KEY STAFF:

Chris LaForte, PE





WESTERN REGION OPERATIONS CENTER

Palm Beach County, Florida

WGI provided structural engineering design and construction phase services for Palm Beach County's Western Region Operations Center (WROC). This center serves the Belle Glade, Pahokee, and South Bay area in Palm Beach County. The building consists of two 10,000-square foot pavilion structures which provide covered storage for portable generators, material and equipment laydown areas. The Center also includes a 16,337-square foot warehouse administration and repair shop, of which 8,680 square feet is warehouse; and a 2,600-square foot generator building. The buildings are designed to Risk Category III/IV with ultimate wind speeds of 180 mph and are constructed with reinforced masonry walls, concrete tie columns and beams, steel joist/structural steel roof framing members and steel roof deck. The shop buildings include a two-ton bridge crane supported from the roof structure and the pump wash section of the building includes a two-ton underslung monorail hoist.



REFERENCE:

Palm Beach County Water Utilities
Steve McGrew
8100 Forest Hill Boulevard
West Palm Beach, FL 33413
p. 561.493.6110
f. 561.740.4634
e. smcgrew@pbwater.com

DATE STARTED:

Design May 2014
Construction January 2016

DATE COMPLETED:

Design April 2015
Construction October 2017

TOTAL COST:

Design \$80K
Construction \$9.9M

PROJECT MANAGER:

Chris LaForte, PE

KEY STAFF:

Jeffrey Bergmann, PE
Sasha Kishore, EI
Tim Sherwood, BI
Dave Mizelle

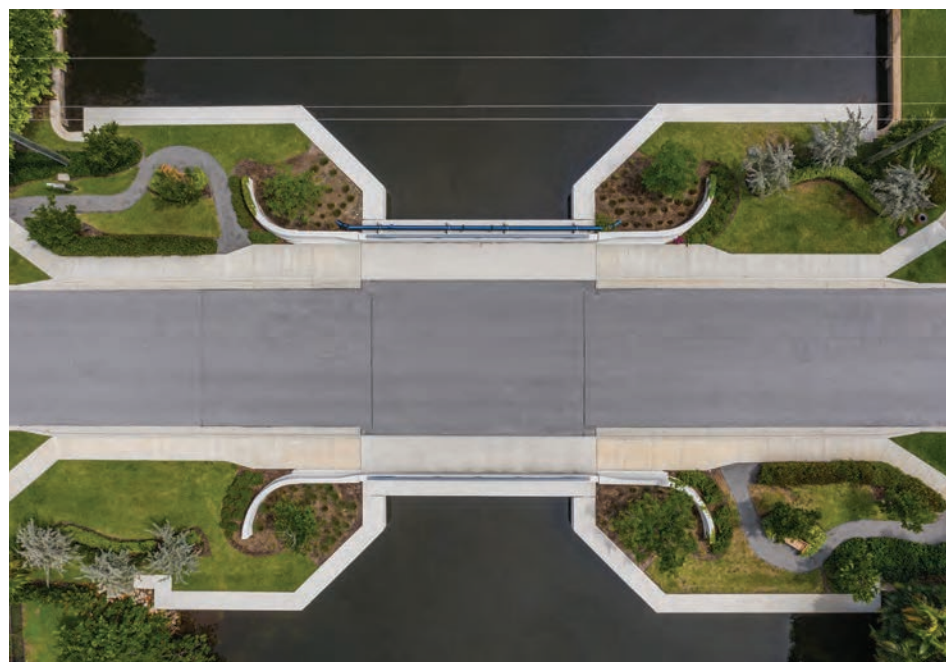




AUDUBON CAUSEWAY BRIDGE

Palm Beach County, Florida

WGI provided design for a new two-lane bridge. The bridge plans were phased to accommodate at least one lane of traffic to the island at all times. In addition to the bridge design, the existing utilities needed to be relocated. During construction, WGI attended meeting, reviewed shop drawings, conducted site visits, responded to contractor RFI's, and provided as-built drawings upon completion. A final inspection and final certification report were provided.



REFERENCE:

Mock Roos
 Garry Gruber, PE
 5720 Corporate Way
 West Palm Beach, FL 33407
 p. 561.683.3113
 e. garry.gruber@mockroos.com

DATE STARTED:

Design October 2013
 Construction November 2015

DATE COMPLETED:

Design October 2014
 Construction December 2017

TOTAL COST:

Design \$98.3K
 Construction \$1.29M

PROJECT MANAGER:

Jeffrey Bergmann, PE

KEY STAFF:

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





WINDING WATERS BOARDWALK

Palm Beach County, Florida

Winding Waters Park boardwalks and observation towers were developed as part of a Palm Beach County initiative to provide new passive park systems which provide hiking through natural areas, including boardwalks to traverse wetlands and elevated decks to observe birds and other native wildlife living in the natural surroundings.

As a part of the park improvements, WGI's Structural Division staff designed the structural components of a new eight-foot wide by 300-foot long wood boardwalk supported on concrete piling. The use of IPE and Brazilian hardwood for the decks and railing system, combined with the concrete foundations for the boardwalks, will provide safe, low-maintenance facilities for long-term use by visitors to the Winding Waters nature trails and park.



REFERENCE:

Palm Beach County
 Department of Environmental
 Resources Management
 Mr. Steven Pisano
 2300 North Jog Road, 4th Floor
 West Palm Beach, Florida 33411
 p. 561.233.2521
 e. spisano@pbcgov.org

DATE STARTED:

Design June 2013
 Construction September 2014

DATE COMPLETED:

Design May 2014
 Construction December 2014

TOTAL COST:

Design \$20.8K
 Construction \$415K

PROJECT MANAGER:

Jeffrey Bergmann, PE

KEY STAFF:

Chris LaForte, PE
 Dave Mizelle
 Tim Sherwood, BI





SPARROW DRIVE PEDESTRIAN BRIDGE

Royal Palm Beach, Florida

WGI provided the Village of Royal Palm Beach with design phase services for the 10-foot wide pedestrian bridge over the canal alongside the south side of the Sparrow Drive Bridge between Royal Palm Beach Boulevard and Crestwood Boulevard. The bridge is a single span bridge approximately 130 feet in length and was funded through a Florida Department of Transportation LAP Grant. WGI provided bridge criteria specifications for the bridge as well as the necessary design and details for the bridge abutments and the bridge foundation.



REFERENCE:

Village of Royal Palm Beach
 Mr. Chris Marsh, PE
 1050 Royal Palm Beach Blvd.
 Royal Palm Beach, Florida 33411
 p. 561.790.5194
 e. CMarsh@RoyalPalmBeach.com

DATE STARTED:

Design October 2014
 Construction October 2016

DATE COMPLETED:

Design September 2016
 Construction January 2017

TOTAL COST:

Design \$36K
 Construction \$380K

PROJECT MANAGER:

Jeffrey Bergmann, PE

KEY STAFF:

Chris LaForte, PE
 Tim Sherwood, BI
 David Mizelle





THE ESTUARY SEAWALL

Delray Beach, Florida

WGI staff performed design and construction monitoring services for a new concrete retaining wall supported on a helical pile foundation. The new retaining wall replaced an existing aluminum sheet pile that had failed. Wall design had to take into account limited construction access due to the existing buildings spread footing foundation located landward of the seawall and mangrove shoreline along the Intracoastal Waterway.



REFERENCE:

Capital Realty Advisors, Inc.
Mr. Jeffrey Steiner
600 Sandtree Drive, Suite 109
Palm Beach Gardens, Florida 33403
p. 954.969.8786
e. fljsteiner@gmail.com

DATE STARTED:

Design January 2014
Construction May 2014

DATE COMPLETED:

Design May 2014
Construction December 2015

TOTAL COST:

Design \$38K
Construction \$1.9M

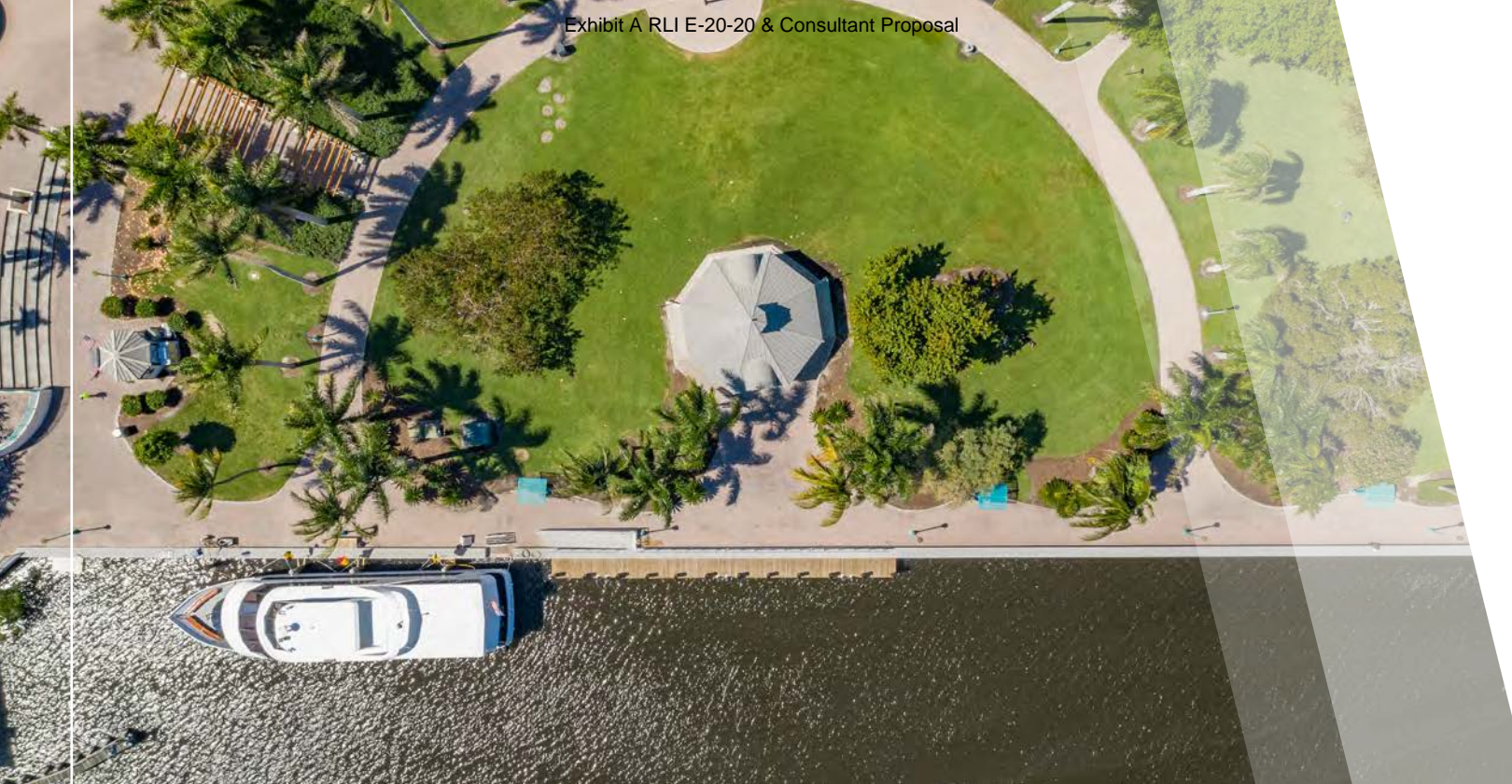
PROJECT MANAGER:

Chris LaForte, PE

KEY STAFF:

Sasha Kishore, EI
Tim Sherwood, BI





VETERAN'S PARK SEAWALL

Palm Beach County, Florida

Due to king tide events, Veteran's Park experienced significant flood damage to the park grounds, Veteran's Park seawall is approximately 630 feet long with a concrete king pile wall, concrete cap, and sheet piles including marginal docks spaced along the length of the wall. WGI conducted a visual inspection of the wall from the water side and top side to create a photo log and assessment of the project. Concrete failures (spalling, exposed rebar, and wall leaks) were identified along the length of the wall. WGI prepared construction documents for the repair of the concrete seawall and cap, and for the replacement of the marginal docks. Seawall repairs were based on field-identified structural and safety deficiencies. All existing marginal docks were removed, and new marginal docks were constructed. Construction documents included calculations, plans and specifications

This project was required to be constructed while still operating portions of the park. Arrangements were made to phase the construction, allowing the "Lady Delray" to operate while the repairs were made. By phasing and shifting work zones, the Delray Yacht Cruises were able to remain in operation and continue their daily cruises from the park.

In addition to the required repairs, preparations were made to immediately increase the seawall height twenty inches, plus an additional eighteen inches in the future to protect the park from potential sea level rise due to global climate changes.

REFERENCE:

City of Delray Beach
Mr. Isaac Kovner, PE
434 South Swinton Avenue
Delray Beach, Florida 33444
p. 561.243.7000
e. kovner@mydelraybeach.com

DATE STARTED:

Design August 2016
Construction June 2017

DATE COMPLETED:

Design May 2017
Construction March 2018

TOTAL COST:

Design \$55K
Construction \$1M

PROJECT MANAGER:

Tim DeLand, PE

KEY STAFF:

Sasha Kishore, EI
Andre Smith, EI
Dave Mizelle
Tim Sherwood, BI





JOG ROAD EXTENSION SR 710 TO NORTHLAKE BOULEVARD

Palm Beach County, Florida

This project consisted of the extension of Jog Road from SR 710 (Beeline Highway) to Northlake Boulevard, approximately 0.7 miles. This new section of Jog Road is a two-lane divided roadway with provisions for a future ultimate four-lane divided urban roadway. WGI's efforts included roadway typical sections, horizontal and vertical alignments, closed drainage conveyance systems, use of existing stormwater management facilities, permitting through multiple agencies, extensive environmental research as part of an avoidance minimization effort, utility coordination and signal modifications. Other services included the milling and resurfacing of portions of SR 710 and Northlake Boulevard; signalization and turn lane improvements at the intersections of SR 710 and Jog Road and Jog Road and Northlake Boulevard; and the realignment design of the Turnpike Connector Road.



REFERENCE:

Palm Beach County
 Roadway Production
 Mr. Omelio Fernandez, PE, Director
 2300 North Jog Road
 West Palm Beach, Florida 33411
 p. 561.684.4150
 f. 561.684.4166
 e. ofernand@pbcgov.com

DATE STARTED:

Design 2011
 Construction 2013

DATE COMPLETED:

Design 2012
 Construction 2013

TOTAL COST:

Design \$260K
 Construction N/A

PROJECT MANAGER:

Keegan Larson, PE

KEY STAFF:

Brett Fuller, PE
 Jerome Saval, PE, CFM,
 Greg Griffith
 Chad Johnson, EI





PALMETTO PARK ROAD WIDENING WEST OF ST. ANDREWS BOULEVARD TO I-95

Boca Raton, Florida

WGI was responsible for the preparation of roadway and signing and pavement marking plans required for improvements to Palmetto Park Road between I-95 and St. Andrews Boulevard, a distance of 1.5 miles. Improvements to this divided urban arterial consisted of roadway widening from an existing 6-lane section to an 8-lane section, capacity improvements to the existing stormwater management facilities to accommodate additional impervious areas, signalization improvements to two intersections (Military Trail and St. Andrews Boulevard), widening of an existing bridge over South Florida Water Management District's E-3 Canal, and channel improvements to the E-3 Canal at the bridge widening. Environmental permitting, title ownership research, topographical survey, geotechnical investigation, lighting design analysis report, aerial photogrammetry, utility coordination, and local municipality coordination were all additional services completed as part of the design effort.



REFERENCE:

Palm Beach County
Roadway Production
Tanya McConnell, PE
Deputy County Engineer
2300 North Jog Road
West Palm Beach, Florida 33411
p. 561.684.4019
f. 561.684.4166
e. tmconne@pbcgov.org

DATE STARTED:

Design 2004
Construction 2011

DATE COMPLETED:

Design 2010
Construction 2013

TOTAL COST:

Design \$700K
Construction \$6.6M

KEY STAFF:

David Wantman, PE
Keegan Larson, PE
Jerry Saval, PE
Chad Johnson, EI





JOG ROAD EXTENSION / DONALD ROSS ROAD WIDENING

Palm Beach County, Florida

WGI was responsible for the preparation of roadway and signing and pavement marking plans required for a 1.1-mile extension of Jog Road from Hood Road to Donald Ross Road and 0.6 miles of widening improvements on Donald Ross Road from the Jog Road extension to 64th Drive North. Donald Ross Road, currently a 2-lane rural section, was widened to a 4-lane divided rural section.

Improvements associated with the Jog Road extension included stormwater management facilities, a box culvert crossing over the C-18 Canal, extension of a pump station, stormwater management facility, signalization, outfall pipes, and accommodations for wildlife protection. Additionally, a roundabout was constructed at the new intersection of Jog Road and Donald Ross Road. The design for the Jog Road extension developed by WGI utilized avoidance and minimization of wetland impacts whenever possible while severely restricting the potential for allowing pollutants to enter the Loxahatchee Slough; the C-14 Canal's eventual outfall.

Other services included environmental permitting, public involvement coordination, title/ownership research, topographical surveys, geotechnical investigations, utility coordination and surveying.

REFERENCE:

Palm Beach County
Roadway Production
Mr. Omelio Fernandez, PE, Director
2300 North Jog Road, 3rd Floor
West Palm Beach, Florida 33411
p. 561.684.4190
f. 561.684.4166
e. ofernand@pbcgov.com

DATE STARTED:

Design 2004
Construction 2007

DATE COMPLETED:

Design 2007
Construction 2010

TOTAL COST:

Design \$919K
Construction \$8.5M

PROJECT MANAGER:

David Wantman, PE

KEY STAFF:

Keegan Larson, PE
Mike Madison, PE
Jerome Saval, PE, CFM





STATE ROAD 7 WIDENING DESIGN-BUILD FILLMORE STREET TO STERLING ROAD

Hollywood, Florida

WGI, teamed with Community Asphalt Corporation, submitted the successful bid for this \$32 million design-build project for the FDOT District 4. This project increases the capacity and improves safety by widening a 2.1-mile section of SR 7, converting it from a 5-lane section with center turn lane to a 6-lane divided urban arterial section. Other improvements include the installation of a new stormwater management and collection system, sanitary sewer (gravity and force mains), two 12-inch water mains, lateral connections, and all other associated features, such as valves, meters, etc. Right-of-way acquisition for over 40 separate parcels were required for these improvements. A Utility Work by Highway Contractor Agreement (UWHCA) between the City of Hollywood and the Florida Department of Transportation paid for the water and sewer improvements.

In addition, WGI prepared the Contaminated Area Management Plan for this project. This was the first design-build project in District 4 where they handed the responsibility for assessment and remediation to the design-build contractor/engineer. WGI's Contaminated Area Management Plan addressed soil and groundwater that was contaminated by arsenic and petroleum hydrocarbons. Sections of the project corridor had been previously labeled as contaminated, but WGI found uncertainties with some of the previous data and developed a plan to re-test various areas within the limits of construction. Based on the re-testing results, WGI found that numerous areas of the project did not require remediation which shortened the overall project schedule and reduced project costs significantly.

Permits were secured from Broward County Health Department, Broward County, City of Hollywood, Broward County Environmental Program and Growth Management, SFWMD, and the FDEP.

REFERENCE:

Community Asphalt Corporation
John Morris
9675 Northwest 117th Avenue,
Suite 108
Miami, FL 33178
p. 561.790.6467
e. jmorris@cacorp.net

DATE STARTED:

Design July 2014
Construction March 2015

DATE COMPLETED:

Design June 2015
Construction On-going

TOTAL COST:

Design \$1.5M
Construction \$32M

PROJECT MANAGER:

Mike Madison, PE

KEY STAFF:

Chris Holmes, PE
Erik Brueningsen, PE





POMPAÑO BEACH TRI-RAIL STATION EXPANSION SURVEY SERVICES

Pompano Beach, Florida

WGI was tasked with preparing a boundary and a topographic survey for the expansion of the existing Tri-Rail Station in Pompano Beach, Florida. The survey services included creating a digital terrain model of the existing roadway and the adjacent vacant tract for drainage design purposes. This section of railroad right-of-way also had platted "non-vehicular access lines" that were incorporated into the boundary survey and were required for the Broward County Board of Commissioners approval.

The final deliverables included sketches and legal descriptions, in both AutoCadd and MicroStation format, and certified drawings to the Tri-Rail Authority.



REFERENCE:

City of Pompano Beach
Subconsultant to: HDR One
Company
Mr. Kenneth Kelgard, PE
15450 New Barn Road, Suite 304
Miami Lakes, Florida 33014
p. 954.907.7361 / f. 305.728.7447
e. kenneth.kelgard@hdrinc.com

DATE STARTED:

Survey 2006
Construction N/A

DATE COMPLETED:

Survey 2007
Construction N/A

TOTAL COST:

Survey \$17K
Construction \$1.9M

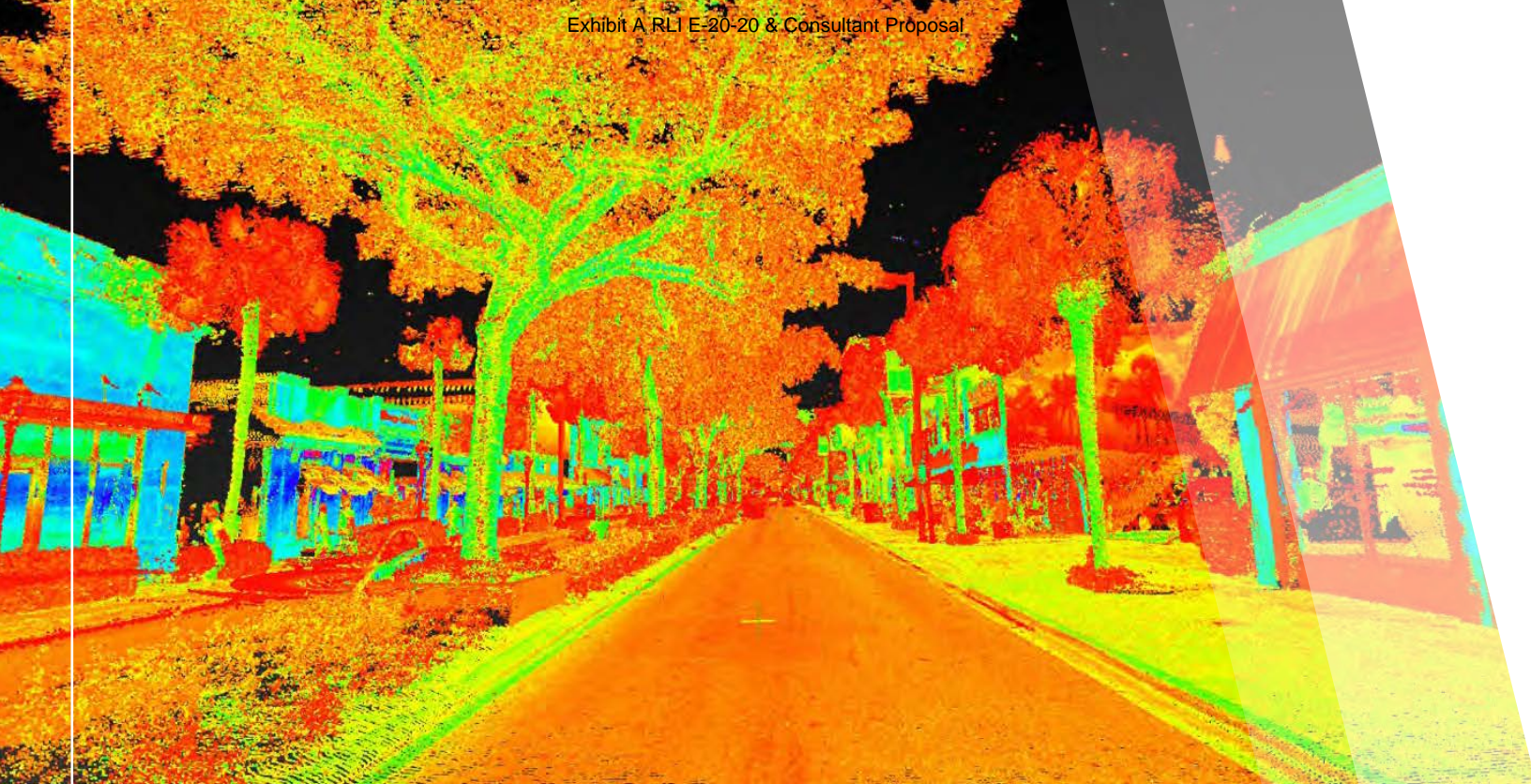
PROJECT MANAGER:

Derek Zeman, PSM

KEY STAFF:

Gareth Santos
Mike Gregory





LAS OLAS BOULEVARD DESIGN SURVEY

Fort Lauderdale, Florida

This project was a complete street assignment in downtown Fort Lauderdale, along one mile of a signature portion of Las Olas Boulevard that includes restaurants, mixed-use commercial, hotels, and high-rise residential towers. WGI provided traffic calming, bike lanes, beautification, and intermodal improvements to this one-mile segment of roadway. WGI's geospatial services included terrestrial mobile LiDAR, design surveys, utility locating, drainage surveys, right-of-way retracement, cross sections, and coordination of aerial survey services. WGI's field work included a budgeted 49 days that was completed in just 30 days due to WGI's dedication to innovation.



REFERENCE:

FDOT District 4
 Jeffrey D. Smith, PSM
 3400 W. Commercial Boulevard
 Ft. Lauderdale, FL 33309
 p. 954.777.4560
 e. jeffrey.smith@dot.state.fl.us

DATE STARTED:

Survey March 2017

DATE COMPLETED:

Survey March 2019

TOTAL COST:

Survey \$178K

PROJECT MANAGER:

Jason Alvarez, CST II

KEY STAFF:

Christian Stewart, CST II
 Russell Steins
 Lake Howard
 Lonelle Davis
 Jose Mendoza, CST I





BROWARD COUNTY PAS TOPOGRAPHIC SURVEY

Broward County, Florida

WGI performed a topographic survey to support a Planning Assistance to the States (PAS) project, located in the Hollywood Lakes neighborhood along the Intracoastal Waterway in Broward County. Topographic data points and hydrographic soundings were obtained along eight miles of seawalls and grass berms, as well as several detailed areas utilizing RTK GPS from a vessel. Data was used to model existing conditions which relate to increasingly frequent flooding of local streets, particularly during extreme high tide events, and facilitate alternative plans to reduce flooding such as installing or raising seawalls, or raising the elevation of waterfront streets or land. Deliverables included a Surveyor's Quality Control report, GIS shape file, and a 3D ESRI GIS database with attribute fields containing observation locations, seawall material, width, adjacent bottom elevations, and photos of acquisition locations.



REFERENCE:

United States Army Corps
of Engineers
Mr. Darin Moore
PO Box 4970
Jacksonville, Florida 32232
p. 904.232.2471 / f. 904.232.2369
e. Darin.L.Moore@usace.army.mil

DATE STARTED:

Survey January 2017

DATE COMPLETED:

Survey February 2017

TOTAL COST:

Survey \$37K

PROJECT MANAGER:

Eric Matthews, PSM





SR 5 FROM SE 2ND STREET TO NE 11 TERRACE SUBSURFACE UTILITY ENGINEERING

Miami-Dade County, Florida

WGI was tasked through our continuing subsurface utility engineering (SUE) services contract with FDOT District 6 to perform SUE investigation for a roadway improvement and signalization project on SR 5/Biscayne Boulevard. Twenty-nine Quality Level A (ASCE 38-02) test holes were performed to identify underground utilities in potential conflict with the proposed improvements. That data was supplemented with nine Quality Level B (ASCE 38-02) designate sites, where only the horizontal alignment of requested utilities was provided.

Unlike a typical SUE project, the high profile nature of the location for this utility investigation provided a certain level of uniqueness. Some of the test holes were dug directly in front of the American Airlines Arena, a high volume tourist destination, where exceptionally elevated levels of pedestrian traffic posed a challenge. Limiting the duration of the project was definitely an additional factor considered by WGI. Restoring the surfaces to their original condition, as evidenced in the project photos, was also key to maintaining the physical impact of the SUE investigation to a minimum.

REFERENCE:

FDOT District 6
Tim Albury
3400 W. Commercial Boulevard
Ft. Lauderdale, FL 33309
p. 866.336.8435
e. paul.doll@dot.state.fl.us

DATE STARTED:

Design October 2018

DATE COMPLETED:

Design November 2018

TOTAL COST

Design \$25K

PROJECT MANAGER:

Radek Grabowski

KEY STAFF:

Sam Hall, PSM
Antonio Mullikin
Cameron Watts
Ryan Daniel, EI
Alberto Barnhart
Shawn Harp, LSIT





ALL ABOARD FLORIDA - BRIGHTLINE FORT LAUDERDALE AND WEST PALM BEACH STATIONS

Palm Beach and Broward Counties, Florida

WGI was selected by All Aboard Florida to provide land surveying and utility designation services for two major train stations (Fort Lauderdale and West Palm Beach). Florida East Coast Industries (FEI) is building an independently owned intercity passenger rail service to be utilized by millions of Floridians and tourists. Phase I will connect Miami to Orlando with stops in West Palm Beach and Fort Lauderdale. In order to meet a very difficult schedule, and keep field personnel safe, WGI utilized the latest technology, including GPS to set high accuracy control points throughout the proposed area and laser scanning to "scan" improvements within the railroad right-of-way. These technologies assisted in keeping survey personnel away from moving trains and eliminated the need for railroad flaggers. WGI was also able to provide highly accurate heights and locations of existing buildings for architectural design. Utilities were researched and marked by our designating crew and combined with visible locations to create a comprehensive "picture" of all improvements. Sketches and Legal Descriptions were prepared to create "aerial easements" for above rail pedestrian crossings. All work was delivered in Auto CAD Civil 3-D Format to be used by other design professionals.



REFERENCE:

All Aboard Florida
Mr. Eric Claussen
SVP Development & Design
Brightline
161 NW 6th Street, Suite 900
Miami, FL 33136
p. 305.521.4709
e. eric.claussen@gobrightline.com

DATE STARTED:

Design October 2013
Construction October 2014

DATE COMPLETED:

Design December 2015
Construction estimated 2017

TOTAL COST:

Construction 1.5B

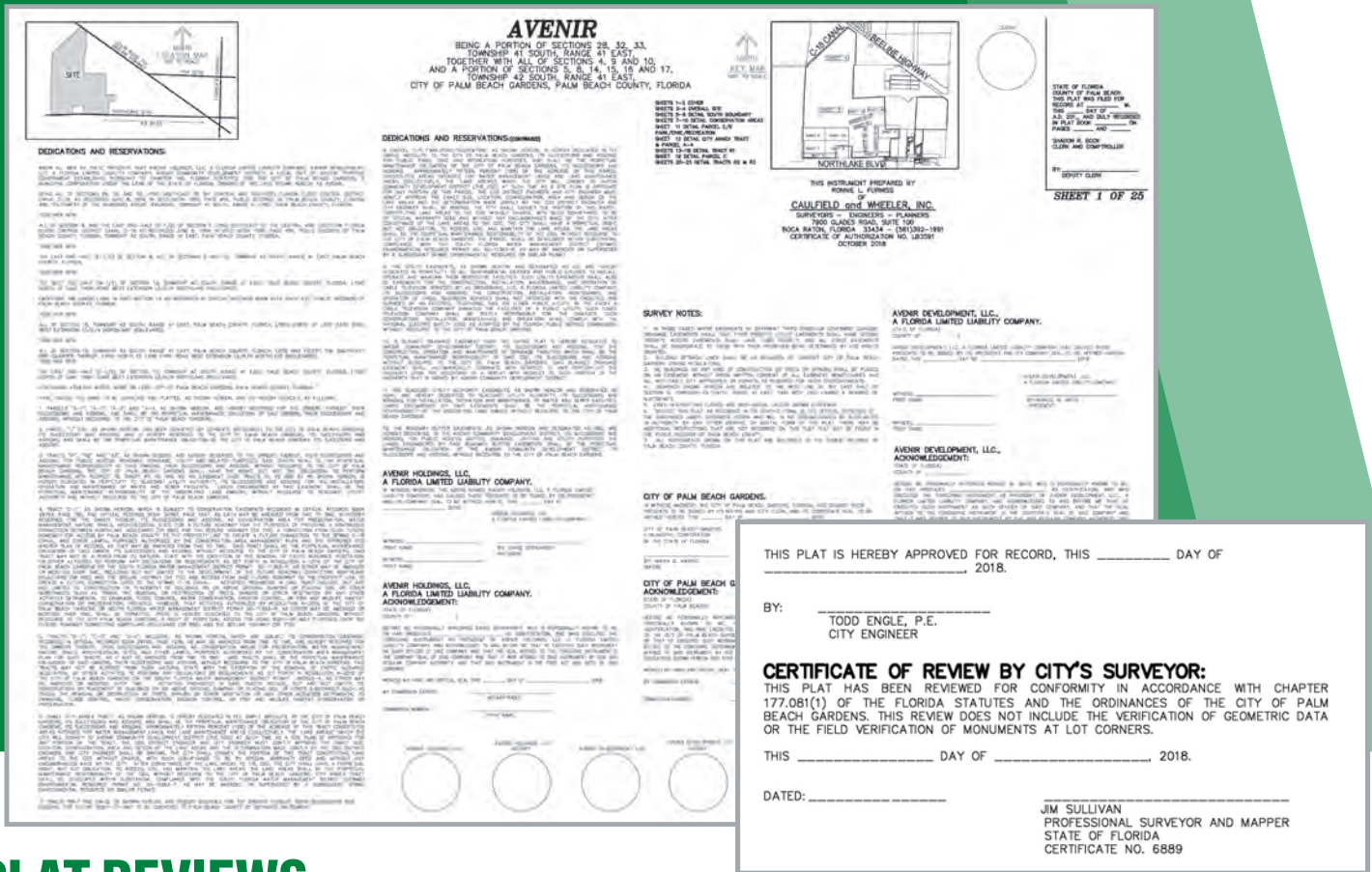
PROJECT MANAGER:

Eric Matthews, PSM

KEY STAFF:

Ken Buchanan, PSM
Joe Edgar, PSM
Mike Gregory
Phil Tabaka, PLS
Jose Mendoza, CST





PLAT REVIEWS

Palm Beach Gardens, Florida

According to Florida State Statutes Chapter 177 Part I, prior to the approval of a plat by the appropriate governing body, the plat shall be reviewed for conformity to Chapter 177 Part I Platting by a professional surveyor and mapper either employed by or under contract to the local governing body, the costs of which shall be borne by the legal entity offering the plat for recordation, and evidence of such review must be placed on such plat.

WGI was requested through task work orders by the City of Palm Beach Gardens' Engineering Department with its continuing survey services contract to provide plat reviews. Jim Sullivan, PSM served in this role of reviewing surveyor for plats submitted to the City.

The City turned to WGI for its massive development of Avenir to ensure the use of the land to all owners without recourse to the City. WGI has currently reviewed seven Avenir plats and replats which included more than 80 pages. Jim worked with city staff to look out for the city's best interest by reviewing the language and geometry of each plat prior to recording.

The plats were reviewed for conformity to the City's municipal code Chapter 78, Article V, Division 10 along with Chapter 177 Part I of the Florida Statutes and any requirements of Palm Beach County that applied.

There is a preliminary plat review with multiple iterations and each final plat was reviewed prior to mylar signatures.

REFERENCE:

City of Palm Beach Gardens
 Kathy Gilbert, PE
 p. 561.499.4292
 e. kgilbert@pbgfl.com

DATE STARTED:

Design: November 2018

DATE COMPLETED:

Design: ongoing

ROLE:

Prime Consultant

TOTAL COST:

Design: \$25,247

PROJECT MANAGER:

Jim Sullivan, PSM





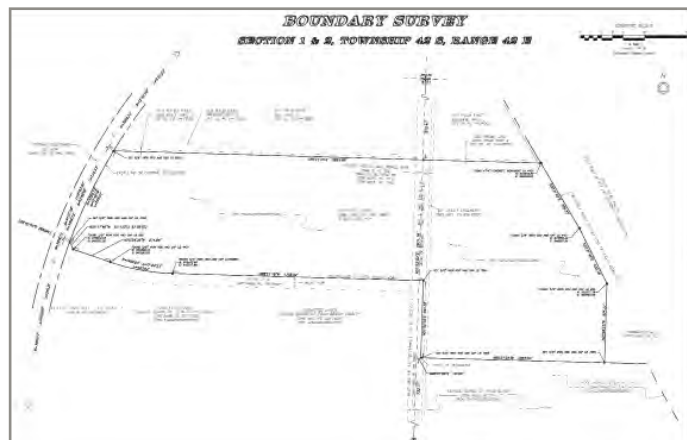
THE GARDENS NORTH COUNTY DISTRICT PARK

Palm Beach Gardens, Florida

The Gardens North County District Park sits on 82 acres of land in the City of Palm Beach Gardens with seven multipurpose fields, 23.6 acres of preserve, and many other features including a splash pad. The city contracted WGI to provide Geospatial services to complete the design of this beautiful park. A purchase order for a boundary and topographic survey for the 82 acres was initially issued while other tasks followed to support the design efforts.

The primary surveys of the park were completed in less than two months, greatly fast tracking the project by getting survey grade data in the hands of the engineer. Once the park reached the final design phase, the City requested easements and exhibits from WGI for various utilities and specific purpose tracts. Exhibits were prepared quickly and sent to the City for recording.

Once the plans were accepted by the commissioners, the City called upon WGI yet again to provide construction staking and layout for the development of the park including the Preserve Area which required carefulness from WGI's fieldcrews due to the environmental habitat that the City was trying to highlight.



REFERENCE:

City of Palm Beach Gardens
 Todd Engle, PE
 p. 561.799.4100
 e. tengle@pbgfl.com

DATE STARTED:

Design: June 2017
 Construction: March 2018

DATE COMPLETED:

Design: January 2018
 Construction: June 2019

TOTAL COST:

Design \$81.5K
 Construction \$13.7M

PROJECT MANAGER:

Eric Matthews, PSM

KEY STAFF:

Dan Denson, CST II
 Cory Green





FORT FRASER TRAIL EXTENSION FROM SR 540 WINTER LAKE ROAD TO COMBEE ROAD

Polk County, Florida

As part of a master plan to provide trail connectivity between Lakeland and Bartow, this project includes extending the trail along US 98 from its current terminus at Winter Lake Road one mile north to Combee Road. The extension was part of a master plan to provide trail connectivity between Lakeland and Bartow. WGI's survey services include alignment recovery, referencing the alignment, 3D design surveys, terrestrial mobile LiDAR scanning of US 98 and the Polk Parkway interchange ramps, drainage survey, EFB soft ground DTM collection, merging of TML and conventional data, and drainage surveys.

A key element of the project is the crossing of the Polk Parkway interchange at US 98. The proximity of high voltage overhead electric transmission lines running parallel to US 98 and the trail plays a significant role in the alignment and constructability of the pedestrian bridge necessary to satisfy OSHA and NESC clearance requirements. The project also involves coordination with CSX on conversion of railroad property for the trail. WGI provided roadway and trail design, structural design, landscape architecture, drainage and environmental permitting, topographic survey, right-of-way mapping, signing and pavement markings, signalization, lighting analysis, utility coordination and subsurface utility engineering. Other services included geotechnical and contamination investigation, and public involvement.

REFERENCE:

FDOT District 1
David Turley
801 North Broadway Avenue
Bartow, Florida 33830
p. 863.519.2255
e. David.Turley@dot.state.fl.us

DATE STARTED:

Design July 2017
Construction July 2022

DATE COMPLETED:

Design July 2019
Construction July 2023

TOTAL COST:

Design \$1M
Construction \$5M

KEY STAFF:

Jeremiah Slaymaker, PSM
Joe Edgar, PSM
Sam Hall, PSM
Brian Shea, CST II
Wade Weeks, CST II
Jason Alvarez, CST II
Christian Stewart, CST II
Brennen Mosicki, CST I
Shawn Harp, LSIT
David Charles
Jeffrey Carl





LAKE WORTH BEACH OPPORTUNITY ZONE - MASTER PLAN & MASSING STUDY

Lake Worth Beach, Florida

This master plan focuses on an area of census tract 51.02 which was designated as an opportunity zone in 2017. WGI was hired to undertake a massing study and conceptual master plan for the study area to help attract opportunity zone funds and direct development. The master plan breaks the study area into six nodes to guide where specific development types and uses are most appropriate within the neighborhood. How these nodes interact with the existing community was a special consideration for the team since the master plan focuses on multi-story mixed-use development and the existing neighborhood is primarily single family. The light industrial and business incubator nodes were placed where the fewest single family homes would be impacted, and the TOD and mixed-use residential areas are located so that the intensity can be higher closer to the FEC corridor and scale down into the existing single-family neighborhood.

In addition to preparing the massing study and report, our team worked closely with the community to assess the types of businesses and redevelopment that would most benefit the neighborhood. Two public outreach meetings were held to ensure that the community's insights and opinions were considered throughout the planning process. These insights helped the team to focus on how to attract health care facilities, laundromats, and grocery stores.

PROJECT HIGHLIGHTS:

- Master Planning
- Massing Study
- Public Outreach Meetings
- Opportunity Zones
- Visioning

REFERENCE:

Lake Worth Beach
 William Waters , Director-Community Sustainability Department
 1900 2nd Avenue North
 Lake Worth Beach, FL 33461
 p. 561.586.1634
 e. WWaters@lakeworthbeachfl.gov

DATE STARTED:

Design: May, 2019

DATE COMPLETED:

Design: November, 2019

TOTAL COST:

Design: \$40K

PROJECT MANAGER:

Edwin Muller, CS, CNU-A

KEY STAFF:

Lindsay Libes, AICP
 Lynn Zolezzi, AICP
 Lian Plass





NEPTUNE BEACH VISION PLAN

Neptune Beach, Florida

WGI assisted Dover-Kohl & Partners in developing new vision and comprehensive plan documents for Neptune Beach, in northeast Florida. The WGI team was brought on to develop a mobility plan incorporating multi-modal transportation and trends such as microtransit and automated vehicles. The mobility plan feeds into plans for a network of complete streets and improved parking. The far-reaching engagement program has consisted of in-person workshops, a virtual engagement hub, and creative use of online design charrettes tools during the COVID-19 pandemic.

Neptune Beach is a seaside town facing rapidly growing demand due to its proximity to downtown Jacksonville and small town beach feel. The City has taken on the challenge of planning for this growth by investing in the creation of a Vision Plan and Comprehensive Plan update. This process allows the City, Dover Kohl, and WGI to better understand the existing conditions and the future wants and needs of the community. As WGI's team focused primarily on the mobility and connectivity of the community we looked specifically at the existing road network as well as current and desired methods of travel used by residents to move around the City. Through exploring these items our team created a vision plan to meet the existing and potential mobility challenges of Neptune Beach with improved street design, redevelopment, and future-ready infrastructure. This Vision Plan will then be used as the basis of the Comprehensive Plan updated that is to follow.

PROJECT HIGHLIGHTS:

- Micro-mobility
- Public Outreach
- Virtual Charrettes

REFERENCE:

Dover, Kohl & Partners
Victor Dover
1571 Sunset Drive
Coral Gables, FL 33143
p. 305.666.0446
e. vdover@doverkohl.com

DATE STARTED:

Design November 2019

DATE COMPLETED:

Design Ongoing

PROJECT MANAGER:

Heather Danforth, RLA, AICP

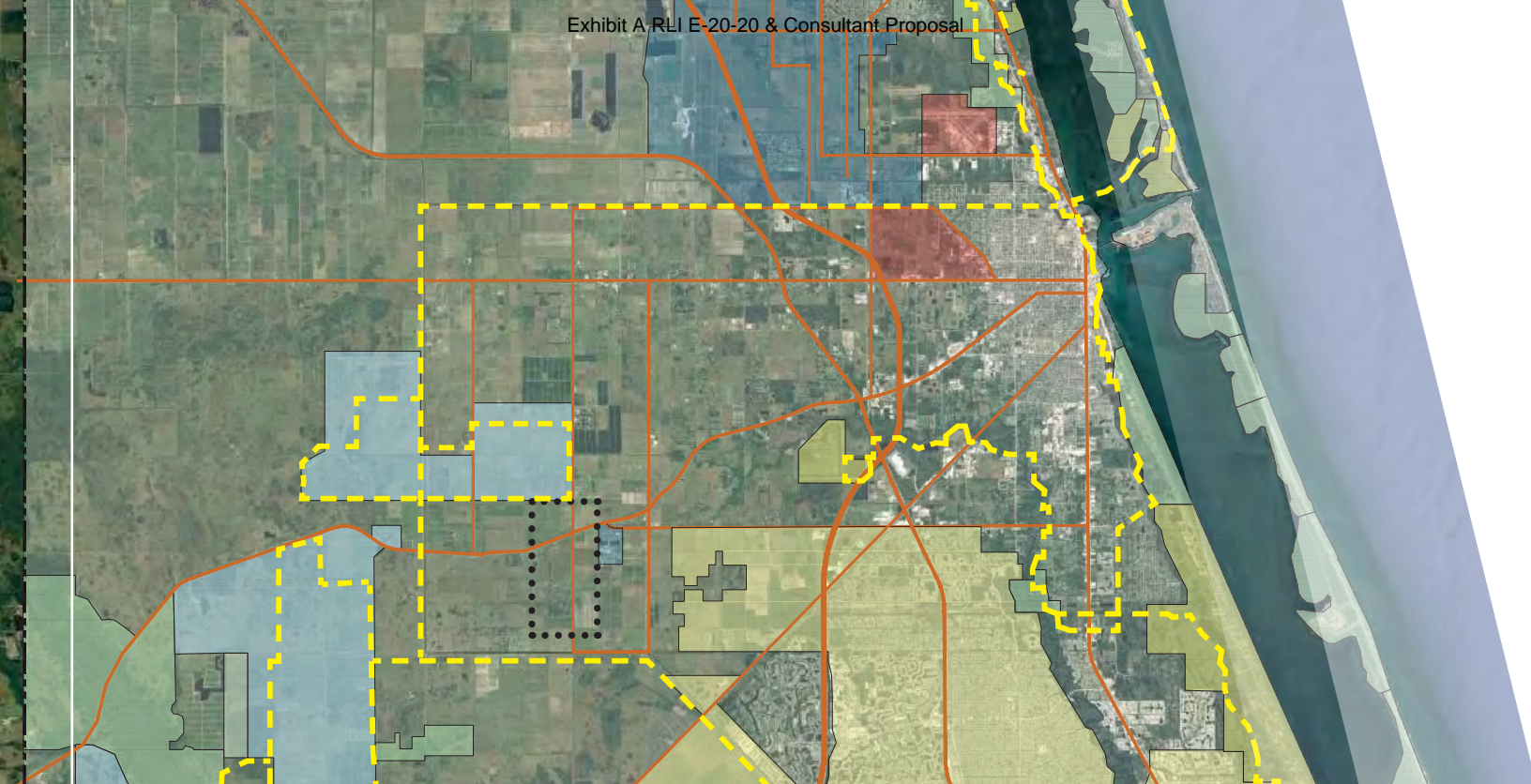
KEY STAFF:

Lisa Nisenson

TOTAL COST:

Design \$69K

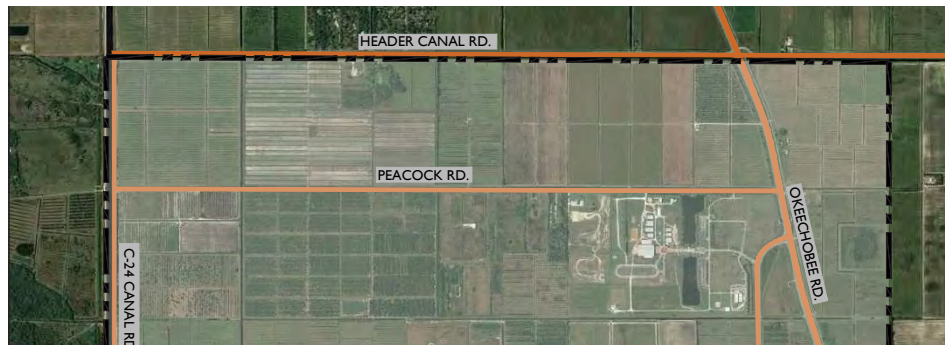




ST. LUCIE COUNTY OUTDOOR ACTIVITY AND ENTERTAINMENT DISTRICT OVERLAY

St. Lucie County, Florida

WGI was retained by St. Lucie County to prepare a feasibility report for a potential “Outdoor Activity and Entertainment District” on approximately 2,740 acres, that includes the St. Lucie County Fairgrounds and the surrounding privately owned land. The concept was developed due to public interest in a centralized location for multiple sporting activities within the County. The initial uses envisioned for the Outdoor Activity and Entertainment District include expanded riding stables, off-road vehicle tracks, camp grounds, amphitheaters, stadiums, race car and off-road bicycle tracks, arenas, fishing, outdoor shooting ranges, hunting, and trapping. The report included an extensive community outreach effort to the private property owners within the subject area, and interviews with community stakeholders and potential developers. The resulting document involved an evaluation of existing conditions, land use, zoning, traffic analysis, public service availability, environmental assessment, existing and potential tourism venues, and recommendations.



REFERENCE:

St. Lucie County Planning Department
 Ms. Leslie Olsen, AICP
 Planning and Development Services
 Manager
 2300 Virginia Avenue
 Fort Pierce, Florida 34982
 p. 772.462.2822
 e. LeslieO@stlucieco.org

DATE STARTED:

January 2017

DATE COMPLETED:

July 2017

TOTAL COST:

\$33K

PROJECT MANAGER:

Lynn Zolezzi, AICP

KEY STAFF:

Rick Harman, PWS, CEP, CA





KRAVIS CENTER CYCLE TRACK

West Palm Beach, Florida

In conjunction with the City of West Palm Beach's Vision Zero initiative, the WGI Team worked with the Florida Department of Transportation to replace a substandard on-road bike lane with one at sidewalk level and created the city's first protected cycle track for the entire length of the block. The cycle track is delineated with rock salt finish concrete and a tactile divider strip to separate it from the pedestrian walking area. Mature Live Oak trees were relocated from impacted areas on-site and replanted to provide shade for the sidewalk and cycle track. Previously no shade trees existed along the sidewalk for the entire length of the block.

The Kravis Center is at the entrance to the West Palm Beach downtown entertainment and dining district, and is adjacent to the county convention center and several hotels. While most patrons arrive by car, the surrounding area has become heavily traveled by pedestrians and cyclists. It was important to address the experience of all users and transportation modes.

This project was nominated for the 2020 Palm Beach County TPA Safe Streets Summit People's Choice award for the best complete street project.

PROJECT HIGHLIGHTS:

- Streetscape and Urban Design
- New Mobility
- Bike/Ped Facility Design
- Complete Street

REFERENCE:

Kravis Center for the Performing Arts
James Mitchell, COO
p. 561.651.4237
e. Mitchell@kravis.org

DATE STARTED:

Design: July, 2016
Construction: April, 2018

DATE COMPLETED:

Design: 2018
Construction: 2019

PROJECT MANAGER:

Angela Biagi, PLA, LEED BD+C

KEY STAFF:

Jeff Brophy, PLA
Adam Schildmeier, PE
Brett Fuller, PE
Jason Mihalovits, PLA

TOTAL COST:

Design: \$20K
Construction: \$200K





BUILDINGS 25-33-52 HURRICANE HARDENING CITY OF BOCA RATON

Boca Raton, Florida

WGI provided an assessment to determine the hurricane resiliency for Buildings 25, 33 and 52 at the Boca Raton Water Treatment Plant. The assessment followed with the preparation of construction documents for the Hurricane Hardening of these three buildings. Building 25 is a 1-story building housing the effluent pump station. Building 33 is a 2-story electrical building that requires the use of a manlift to close the second floor shutters. Building 52 is a 1-story digester building.

WGI conducted a site condition assessment at each of the three buildings and provided a report of findings and recommendations for repairs and upgrades or replacements at each building. Plans for each building were prepared identifying areas which needed remedial repairs, replacements, and upgrades. The plans included repair procedures and details for each type of work. A final quantities estimate and estimate of probable construction cost was provided.

WGI assisted the City with bidding, attended pre-bid meetings, and responded to contractor RFI's during the bidding process.

During the construction phase, WGI attended a pre-construction meeting, conducted shop drawing reviews, attended monthly meetings, conducted special inspections that included formwork embedments and reinforcing, concrete casting, placing precast panels and bolted/welded components, anchorage to existing building floor and roof structural members, wall to wall interconnections, metal deck attachment, window replacement, door replacements, louver replacements, window and door testing. Upon construction completion, WGI conducted a substantial and final completion inspection and provided a Certificate of Construction Completion to the owner.

REFERENCE:

City of Boca Raton
Talia Garcia, PE
Utilities Engineering Manager
1401 Glades Road
Boca Raton, Florida 33431
p. 561.338.7300
e. TGarcia@ci.boca.raton.fl.us

PROJECT DATES:

Design: May 2015 - December 2016
Construction: September 2018 -
November 2019

TOTAL COST:

Design \$126.1K
Construction \$878.5K

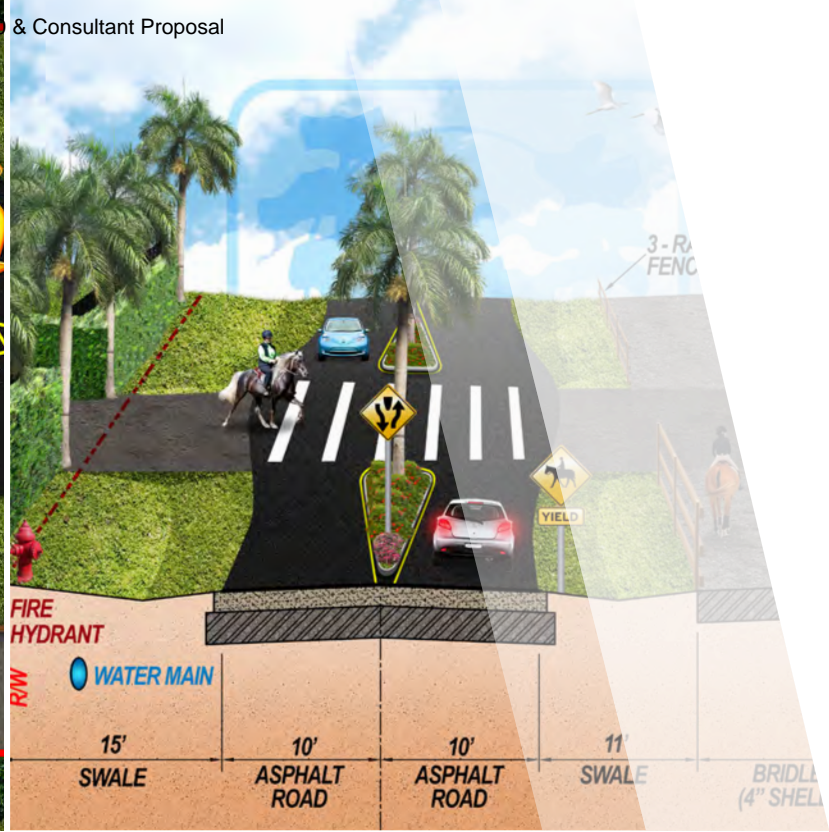
PROJECT MANAGER:

Chris LaForte, PE

KEY STAFF:

Jeffrey Bergmann, PE
Sasha Kishore, EI
Dave Mizelle
Tim Sherwood, BI





SADDLE TRAIL PARK (SOUTH) NEIGHBORHOOD IMPROVEMENT PROJECT

Wellington, Florida

WGI was selected to provide surveying, engineering design, permitting, public involvement assistance, bond assistance and **construction engineering services** for the Saddle Trail Park (South) Neighborhood Improvement Project. Key components of the project include the paving of existing shellrock roads, construction of new equestrian bridle trails, construction of approximately 17,500 linear feet of eight-inch new public water mains, fire hydrants, driveway connections and drainage system reconstruction. Saddle Trail Park is part of Wellington's Equestrian Preserve area and presented unique obstacles for the design and construction of the project. Funding for the improvements were provided through the proceeds of Infrastructure Improvement Bonds with repayment being accomplished through annual assessments pursuant to Chapter 170 of the Florida Statutes.



REFERENCE:

Village of Wellington
Tom Lundeen, PE
12300 Forest Hill Boulevard
Wellington, FL 33414
p. 561.753.2454 / f. 561.904.5833
e. tlundeen@wellingtonfl.gov

DATE STARTED:

Design July 2014
Construction September 2015

DATE COMPLETED:

Design December 2014
Construction December 2016

TOTAL COST:

Design \$292K
Construction \$4.5M

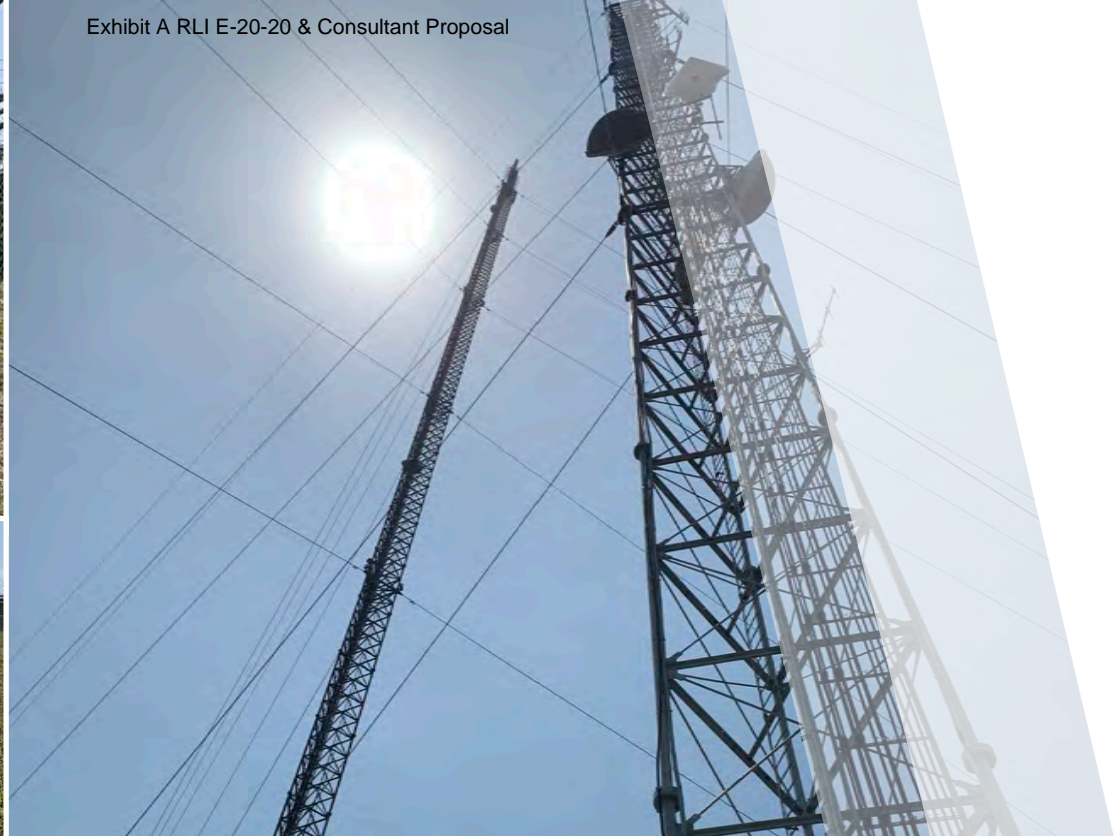
PROJECT MANAGER:

Brett Oldford, PE

KEY STAFF:

David Wantman, PE
Stephen Cherry, PE
Brian Arnold, PE
Chris Holmes, PE
Eric Matthews, PSM





OFFICE OF REGIONAL COMMUNICATIONS AND TECHNOLOGY (ORCAT) TOWER

Broward County, Florida

WGI conducted an environmental due diligence assessment of the natural, cultural, and historical resources for a planned Broward County radio communication, transmissions tower replacement project located within McTyre Park. The ORCAT tower replacement consisted of upgrading a guywire anchor-supported tower to a free-standing structure, the demolition of an equipment shelter in disrepair, and construction of a new equipment shelter to accommodate the new tower.

WGI provided supporting environmental documentation and recommendations to Broward County for the preparation of a Conservation Management Plan in accordance with Florida Rule. This included an assessment of land uses, wetlands, protected species, trees, contamination, and other natural and physical resources. Because the communication complex was over 50 years old, WGI also assessed the historical significance of the project site. WGI environmental scientists performed field investigations and found the site was utilized habitat by a state-threatened listed species of owl, the Florida burrowing owl (*Athene cunicularia floridana*). Given that protected owls were observed on-site, WGI scientists collected data using a sub-meter accuracy GPS and mapped owl burrows using ArcMap GIS. WGI provided the County with recommendations based on the current Florida Fish and Wildlife Conservation Commission (FWC) guidance on avoidance and minimization measures for reference during the project planning and design phases to ensure compliance with the FWC species-specific permitting criteria.

The end user of the report stated, "This report is extremely thorough and exactly what we are looking for."

REFERENCE:

Broward County Board of County Commissioners Public Works Department - Real Property Section
Kevin Bokoske, MAI
Real Estate Due Diligence Officer
115 S Andrews Avenue, Room 501
Fort Lauderdale, FL 32399
p. 954.357.6808
e. KBOKOSKE@broward.org

DATE STARTED:

April 2020

DATE COMPLETED:

May 2020

TOTAL COST:

Environmental Services: \$4.3K

PROJECT MANAGER:

John Abbott, PG

KEY STAFF:

Amanda Montgomery
Emily Zeilberger





BEACH RENOURISHMENT DR. VON D. MIZELL-EULA JOHNSON STATE PARK

Broward County, Florida

WGI provided environmental services on this U.S. Army Corps of Engineers beach renourishment project. A large portion of the project was within the Dr. Von D. Mizell-Eula Johnson State Park so environmental compliance was particularly important. The project involved placing approximately 135,000 cubic yards of sand along 7.2 miles of critically eroded shoreline from the Port Everglades Inlet south along the State Park and along the beaches of Dania, Hollywood, and Hallendale. Because the sand came from an upland source and had to be transported across the dunes to the beach, the project necessitated some temporary damage to dunes and coastal vegetation to provide beach access. WGI conducted pre- and post-construction dune vegetation and tree inventories to assess impacts to the access areas, prepared a restoration plan with native coastal plant species to restore the affected areas to pre-construction conditions, and verified the restoration was satisfactory. WGI also provided daily migratory bird monitoring and bi-monthly surveys for endangered piping plovers.



REFERENCE:

Mr. Bryan Glauber
Eastman Aggregate Enterprises, LLC
1450 Brickell Avenue
23rd Floor, Miami FL 33131
p. 561.644.9667
e. bryang@eastmanagg.com

DATE STARTED:

December 2018

DATE COMPLETED:

May 2019

TOTAL COST:

Environmental Services \$30K

PROJECT MANAGER:

John Abbott, PG, CEP

KEY STAFF:

Rick Harman, CEP, PWS
Amanda Montgomery, PWS
Christa Cherry





BARNACLE HISTORIC STATE PARK BOATHOUSE AND DOCK REPAIRS

Miami-Dade County, Florida

The Barnacle Historic State Park is situated in Coconut Grove, Miami overlooking the Biscayne Bay. The historic boathouse and dock sustained damage in 2017 as a result of Hurricane Irma. Given the park's historic designation, a key goal was to restore the boathouse and dock consistent with the original appearance. WGI conducted an environmental assessment to document protected resources (e.g., seagrasses, mangroves) to determine the level of environmental permit authorizations required to conduct repairs. The project required preliminary coordination and permits through the South Florida Water Management District Environmental Resource Program, the U.S. Army Corps of Engineers Section 10 of the Rivers and Harbors Act of 1899, and the Miami-Dade County Department of Regulatory and Economic Resources Division of Environmental Resource Management Coastal Resources Section. WGI environmental scientists and structural engineers implemented avoidance and minimization measures to protect natural resources while restoring historical resources. WGI conducted research to gain a thorough understanding of the park's historical permits and represented the FDEP at preliminary regulatory agency coordination meetings to successfully negotiate repairs qualifying under maintenance to expedite the permitting process. This included establishing historical areas of mangrove trimming and seedling removal to restore historical bay views, protect historic structures, and maintaining navigational access for non-motorized vessel use.

REFERENCE:

Florida Department of
Environmental Protection
Bureau of Design and Construction
Theresa R. Carron, Project Manager
3800 Commonwealth Boulevard
260M, MS 520
Tallahassee, FL 32399
p. 850.245.2721
e. Theresa.Carron@FloridaDEP.gov

DATE STARTED:

October 2019

DATE COMPLETED:

October 2020

TOTAL COST:

Environmental Services: \$19.7K
Total: \$63.7K

PROJECT MANAGER:

Jeffrey Bergmann, PE

KEY STAFF:

Chris LaForte, PE
John Abbott, PG
Rick Harman, CEP, PWS
Amanda Montgomery
Katy Christie
Jim Sullivan, PSM





GOPHER TORTOISE PRESERVE ENHANCEMENT AT EISENHOWER ELEMENTARY SCHOOL

Palm Beach Gardens, Florida

Working under a continuing contract with the School District of Palm Beach County, WGI restored a gopher tortoise preserve area at the Dwight D Eisenhower Elementary School. An initial gopher tortoise burrow survey was performed to locate and mark all burrows in the area so they would be protected during restoration activities. Exotic and nuisance vegetation was removed or treated in place and replaced with native vegetation to provide forage for the tortoises. Given the high density of tortoises and lack of foraging habitat on adjoining properties, a key factor was selecting plants that would provide enough food for the tortoises in all seasons throughout the year. WGI provided oversight of vegetation maintenance and irrigation, including periodic treatments of regrowth of exotic vegetation.



REFERENCE:

School District of Palm Beach County
Anne Meador, Project Manager
1400 N. Florida Mango Rd,
West Palm Beach, FL 33409
p. 561-248-2427
f. 561-684-5153
e. anne.meador@palmbeach-schools.org

PROJECT DATES:

June 2019 - August 2019

TOTAL COST:

\$9K

PROJECT MANAGER:

Rick Harman, PWS, CEP

KEY STAFF:

Christa Cherry
Amanda Montgomery, PWS
John Abbott, PG, CEP





BIG BLUE TRACE MULTI-USE PATH

Wellington, Florida

WGI completed a NEPA Type I Categorical Exclusion environmental review for this FDOT LAP project. The project involved the installation of a 12-foot wide multi-use path for a 1.5-mile stretch along Big Blue Trace. The project scope also included striping and signage for the path and drainage, irrigation, and landscape improvements.

To meet FDOT's requirements to comply with NEPA, WGI evaluated the project for potential impacts to threatened and endangered species, wetlands, contamination, Section 4(f) resources, and other natural, cultural, and historic resources. The project required a supplementary investigation to assess for the presence of threatened and endangered species. A gopher tortoise survey of the project limits was completed by one of our Florida Wildlife Commission Authorized Gopher Tortoise Agents.

WGI prepared the Type I Categorical Exclusion checklist and supporting technical memorandum on behalf of the municipality and coordinated with FDOT to ensure the approvals needed to secure the LAP funding.

REFERENCE:

Village of Wellington
Jonathan Reinsvold
12300 Forest Hill Blvd.
Wellington, FL 33414.
p. 561.791.4052
e. jreinsvold@wellingtonfl.gov

DATE STARTED:

Design: April 2019

DATE COMPLETED:

Design: October 2019

TOTAL COST:

Environmental Services \$ 9.5K

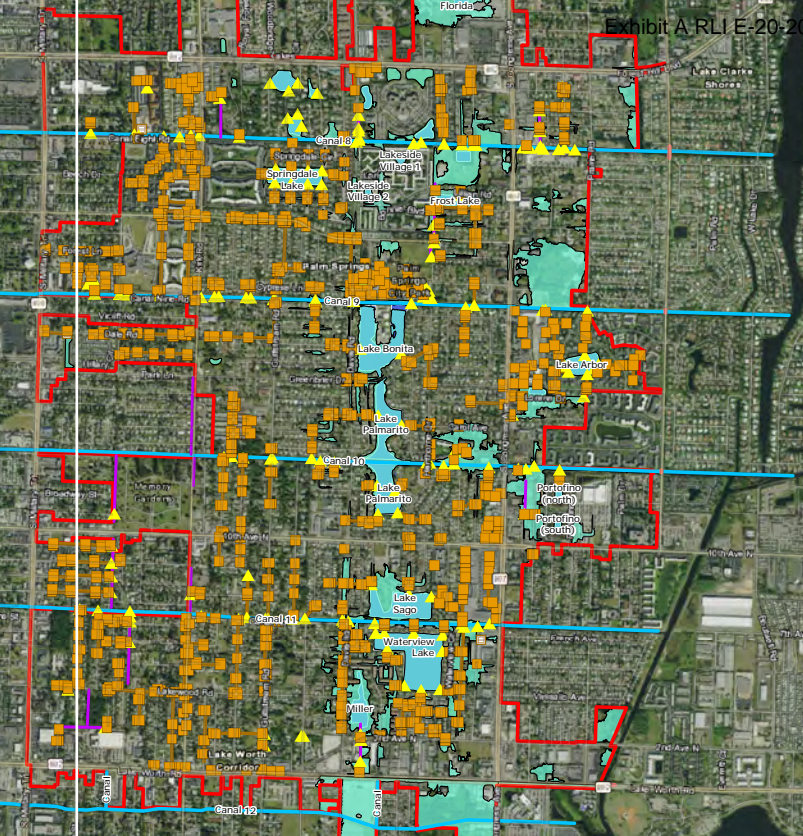
PROJECT MANAGER:

John Abbott, PG, CEP

KEY STAFF:

Christa Cherry, CEP-IT





THE VILLAGE OF PALM SPRINGS CONTINUING GIS SERVICES

Palm Springs, Florida

The Village of Palm Springs (Village) contracted WGI to provide continuing GIS services to support their growing mapping needs. WGI provides in-house personnel to be available eight hours a week to deliver on-site service to meet the goals established by the Village as well as miscellaneous special projects for building, planning, zoning, utilities, public works, police, and library. Support is focused on the Utility and Public Work Departments, which have the greatest need for GIS. WGI performed an assessment of the Village's internal and web-based GIS system and provides on-going strategic planning and recommendations for the expansion of the GIS program. Missing data was identified and acquired from a variety of sources, including using as-builts and real-time mobile field data collection applications. Features mapped include valves, pipes, meters, manholes, and hydrants. Standardized templates, custom geoprocessing tools, special-use applications, and dashboards have allowed the City staff to perform GIS tasks in an easy to use and efficient manner. WGI has also provided emergency response support for damage assessment tools and incident tracking. We provide staff training when implementing a new application for use by office and field staff. General mapping, geodatabase updates, and special projects are on-going under this contract.

REFERENCE:

Village of Palm Springs
 Kim Glas-Castro, P2B Director
 226 Cypress Lane
 Palm Springs, FL 33461
 p. 561.965.4016

DATE STARTED:

August 2019

DATE COMPLETED:

On going

TOTAL COST:

\$65K

PROJECT MANAGER:

Amy Hunter, GISP

KEY STAFF:

Kevin Randolph, PSM
 Emily Zeilberger
 Edwin Muller, CS, CNU-A





DELRAY BEACH PARKING STUDY

Delray Beach, Florida

The City of Delray Beach (City) has requested WGI to provide a proposal for professional services for Parking and Curbside Management Master Plan. The City seeks to conduct a series of analyses, public engagement and planning exercises that will conclude in the creation of the Master Plan. This plan will update the existing 2010 parking master plan and include a new curbside management element as part of a new master plan. The plan will update data elements, provide context to technological advances in transportation and their impacts locally, determine feasible alternatives for the City to consider, and identify policies and projects to implement.

A GIS story map was created to act as an interactive website accessible to the public to disseminate information and solicit public comment via a web map to mark known parking issues spatially as well as a form-based survey. Parking inventory and occupancy was acquired using a field data collection application on mobile device and available to view in real-time through project management dashboards. Spatial data was delivered as map graphics in reports, a geodatabase, and ArcGIS Online hosted feature services.

REFERENCE:

City of Delray Beach
Development Services
Brian Ruscher, AICP
Transportation Planner
100 NW 1st Avenue
Delray Beach, Florida 33444
p. 561.243.7000

DATE STARTED:

January 2020

DATE OF COMPLETION

November 2020 (estimated)

TOTAL COST:

\$192.1K

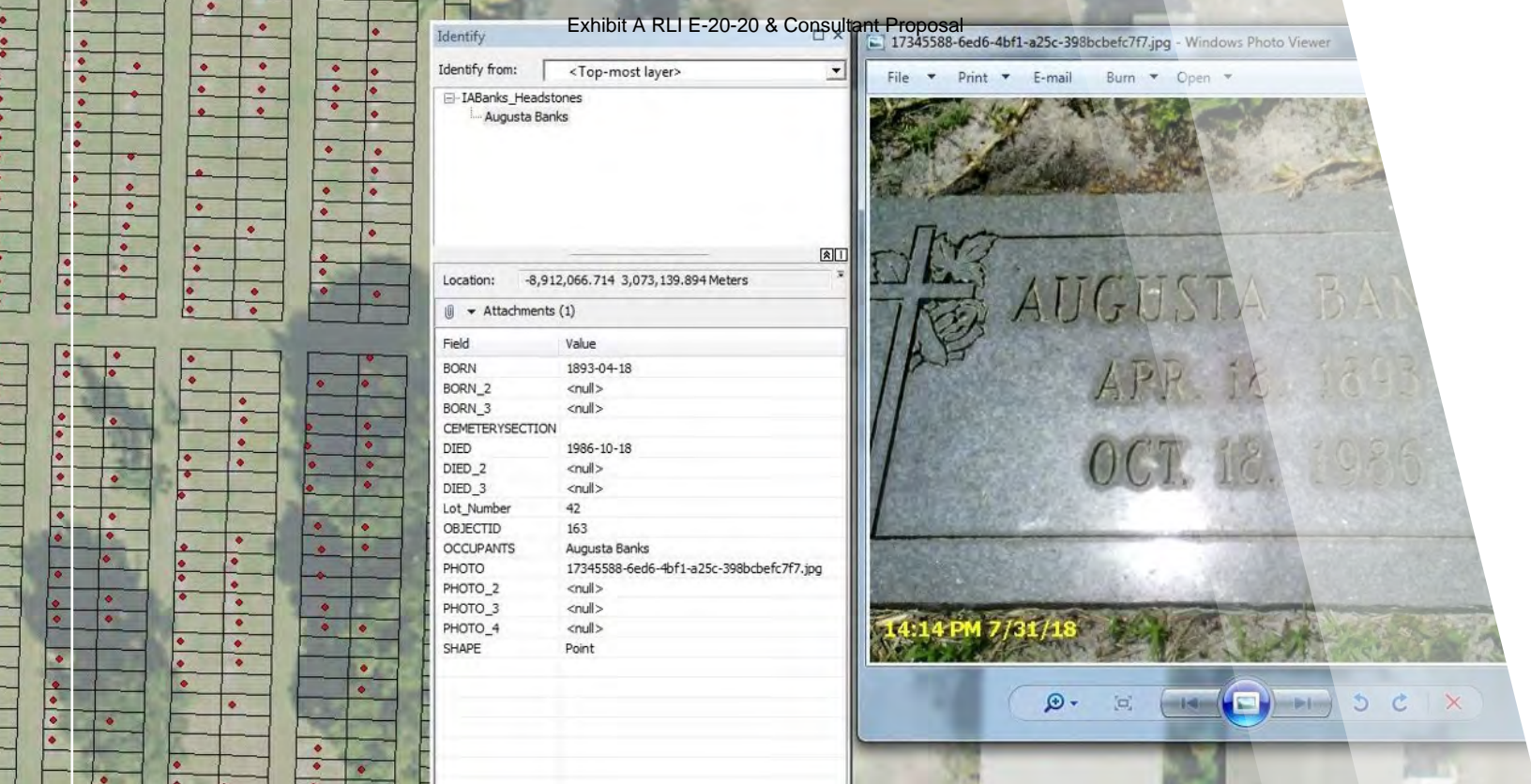
PROJECT MANAGER:

Nicole China, CAPP

KEY STAFF:

Angela Biagi, PLA, LEED AP BD+C
Dan Hennessey, PE, PTOE
Amy Hunter, GISP
Emily Zeilberger
Edwin Muller, CS, CNU-A





CITY OF LAKE WORTH BEACH CEMETERIES

Lake Worth Beach, Florida

The City of Lake Worth Beach (City) contracted with WGI to obtain documentation from the City's outdated book system of selling and recording burial lots for the two city owned cemeteries. WGI coordinated with the multiple city departments to research and document existing ownership or burial lots and those that were presold. WGI prepared boundary surveys and a geodatabase of the recorded platted lines for the City of Lake Worth Beach's cemeteries, Pinecrest Cemetery, and the I.A. Banks Cemetery. Pinecrest Cemetery has over 7,500 existing burial lots, while I.A. Banks Cemetery has just over 250 burial lots.

WGI collected all burial markers in the scoped cemeteries using Trimble GeoXT units equipped with Terraflex, a cloud-based solution, which enabled field personnel to collect data with sub-meter accuracy in real-time. The GIS team developed a schema to collect attributes for burial markers and surveyed plots represented as point and polygon features, respectively. In addition, the photos attachments associated with each plot were collected and delivered. WGI provided a geodatabase with all data collected for City of Lake Worth Beach's cemeteries, Pinecrest Cemetery, and the I.A. Banks Cemetery as well as presented the findings to City staff.

REFERENCE:

City of Lake Worth Beach
 Felipe Lofaso
 Director of Public Services
 414 Lake Avenue
 Lake Worth Beach, FL 33460
 p. 561.586.1720
 e. flofaso@lakeworth.org

DATE STARTED:

March 2018

DATE COMPLETED:

August 2018

TOTAL COST

\$52K

PROJECT MANAGER:

Jim Sullivan, PSM

KEY STAFF:

Amy Hunter, GISP
 Kevin Randolph, PSM
 Emily Zeilberger



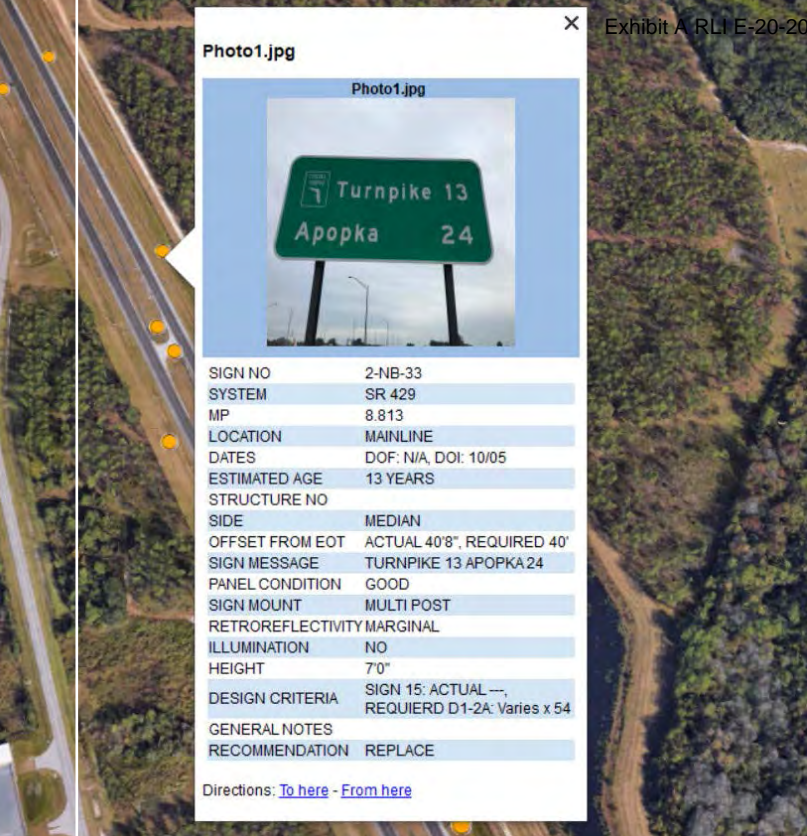


Photo1.jpg

Photo1.jpg

SIGN NO	2-NB-33
SYSTEM	SR 429
MP	8.813
LOCATION	MAINLINE
DATES	DOF: N/A, DOI: 10/05
ESTIMATED AGE	13 YEARS
STRUCTURE NO	
SIDE	MEDIAN
OFFSET FROM EOT	ACTUAL 40'8", REQUIRED 40'
SIGN MESSAGE	TURNPIKE 13 APOPKA 24
PANEL CONDITION	GOOD
SIGN MOUNT	MULTI POST
RETROREFLECTIVITY	MARGINAL
ILLUMINATION	NO
HEIGHT	70"
DESIGN CRITERIA	SIGN 15: ACTUAL ---, REQUIERD D1-2A: Varies x 54
GENERAL NOTES	
RECOMMENDATION	REPLACE

Directions: [To here](#) - [From here](#)



SR 429 (WESTERN BELTWAY) EXISTING ROADWAY CONDITIONS ASSESSMENT REPORT

Orange, Lake, and Seminole Counties, Florida

WGI was contracted by Florida's Turnpike Enterprise (FTE) to prepare an Existing Roadway Conditions Assessment Report (ERCAR) for the SR 429 Western Beltway, from MP 0.0 to MP 5.3, in Osceola County and from MP 5.3 to MP 11.0 in Orange County. The scope of work consisted of a detailed analysis of existing roadway conditions with respect to design standards and safety of the roadway, bridges, drainage, signing, and other miscellaneous project components. The result of the assessment was summarized and recommendations for roadway and safety improvements were made, based on practical design and feasibility to construct.

Mobile LiDAR, an innovative solution, was used in the collection of feature locations and measurements of horizontal and vertical offsets. In addition to this method, the GIS staff created mobile field data collection applications, accessible on smart devices, for multiple assets (light poles, signs, drainage structures, environmental assessment, and guardrails) to perform assessments more efficiently. GIS team members coordinated with field staff, surveyors, and engineers to provide spatial and tabular data for reporting. Information and images obtained during the field review were processed and provided as an advanced KMZ deliverable for FTE and contractor use.

REFERENCE:

Florida's Turnpike Enterprise
 Steve Soldati
 PO BOX 613069
 Ocoee, FL 34761
 Phone: 407.423.0030

DATE STARTED:

November 2018

DATE COMPLETED:

April 2019

TOTAL COST:

\$282.3K

PROJECT MANAGER:

Keegan Larson, PE

KEY STAFF:

Jason Alvarez
 Christian Stewart
 Gregory Griffith
 Erik Brueningesen
 Amy Hunter, GISP
 Emily Zeilberger





UNIVERSITY OF SOUTH FLORIDA PARKING OPERATIONS STUDY AND STRATEGIC PLAN

Tampa, Florida

The University of South Florida manages nearly 90 surface parking lots and four parking garages consisting of slightly over 20,000 parking spaces. The campus master plan includes transforming many of the surface lots into land for future building growth, housing, and a campus greenway. The goal of the study was to assist the Parking and Transportation Services (PATS) department with updating the parking master plan in coordination with the campus master plan to address current demand and strategically plan for projected future parking demand.

In addition to analyzing parking occupancy data for existing conditions, a substantial amount of data was collected and evaluated to determine permit parking utilization by user type for each shared parking facility. Occupancy and permit stratification data was acquired using field data collection applications with mobile devices. The data was used to generate report maps as well as an interactive web mapping application to show the entire dataset and allow the user to perform queries. WGI also implemented drone technology to collect a series of occupancy data for the entire campus. The study included providing the University with a complete geodatabase of the results along with flight imagery. The database was integrated into the University's existing GIS program.

REFERENCE:

University of South Florida,
 Parking & Transportation Services
 Raymond Mensah, MBA, MPA, CAPP
 Director of Parking and
 Transportation Services
 13311 USF Plum Drive, Building A
 Tampa, FL 33620
 p. 813.974.3990
 e. rmensah@USF.edu

DATE STARTED:

October 2018

DATE COMPLETED:

December 2019

TOTAL COST:

\$167.5K

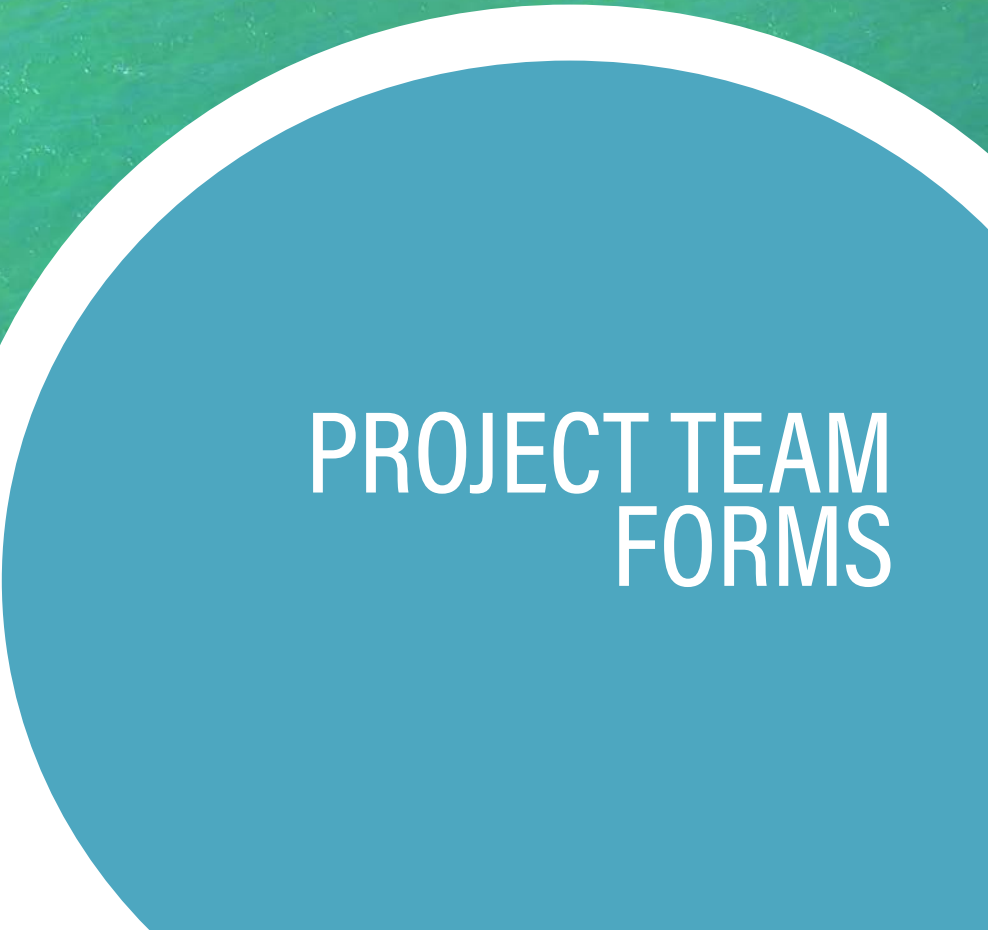
PROJECT MANAGER:

Jon Forster, CAPP

KEY STAFF:

Amy Hunter, GISP
 Kevin Randolph, PSM
 Emily Zeilberger





PROJECT TEAM FORMS



COMPLETE THE PROJECT TEAM FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRITY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB FOR THE RLI IN THE EBID SYSTEM.

PROJECT TEAM

RLI NUMBER E-20-20

Federal I.D.# 65-0271367

PRIME

Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	Jeff Brophy, PLA	20	B.L.A.
Project Manager	Brett Oldford, PE	26	B.S.
Asst. Project Manager			
Other Key Member	Traci Scheppske, LEED AP BD+C	32	A.S.
Other Key Member	Stephen Cherry, PE	8	B.S.

SUB-CONSULTANT

Role	Company Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Surveying		
Landscaping		
Engineering		
Other Key Member	S.A. Nelson & Associates LLC 180 SW 6th Street, Pompano Beach, FL, 33069	Sophia Nelson
Other Key Member	Florida Engineering & Testing, Inc. 250 SW 13th Avenue, Pompano Beach, Florida 33069	Mark Mesiano, PE
Other Key Member		
Other Key Member		

(use attachments if necessary)

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Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	Jeff Brophy, PLA	20	B.L.A.
Project Manager	Brett Oldford, PE	26	B.S.
Asst. Project Manager	_____	_____	_____
Other Key Member	Chris LaForte, PE	13	M.S.
Other Key Member	Jim Sullivan, PSM	23	B.S.

SUB-CONSULTANT

Role	Company Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Surveying	_____	_____
Landscaping	_____	_____
Engineering	_____	_____
Other Key Member	_____	_____
Other Key Member	_____	_____
Other Key Member	_____	_____
Other Key Member	_____	_____

(use attachments if necessary)

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PRIME

Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	Jeff Brophy, PLA	20	B.L.A.
Project Manager	Brett Oldford, PE	26	B.S.
Asst. Project Manager			
Other Key Member	Kristen Nowicki, AICP	19	M.A.
Other Key Member	William Needle, CS	36	B.S.

SUB-CONSULTANT

Role	Company Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Surveying		
Landscaping		
Engineering		
Other Key Member		
Other Key Member		
Other Key Member		
Other Key Member		

(use attachments if necessary)

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PRIME

Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	Jeff Brophy, PLA	20	B.L.A.
Project Manager	Brett Oldford, PE	26	B.S.
Asst. Project Manager			
Other Key Member	John Cerreta, PE	27	M.S.
Other Key Member	John Abbott, PG, CEP	24	M.S.

SUB-CONSULTANT

Role	Company Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Surveying		
Landscaping		
Engineering		
Other Key Member		
Other Key Member		
Other Key Member		
Other Key Member		

(use attachments if necessary)

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PROJECT TEAM

RLI NUMBER E-20-20

Federal I.D.# 65-0271367

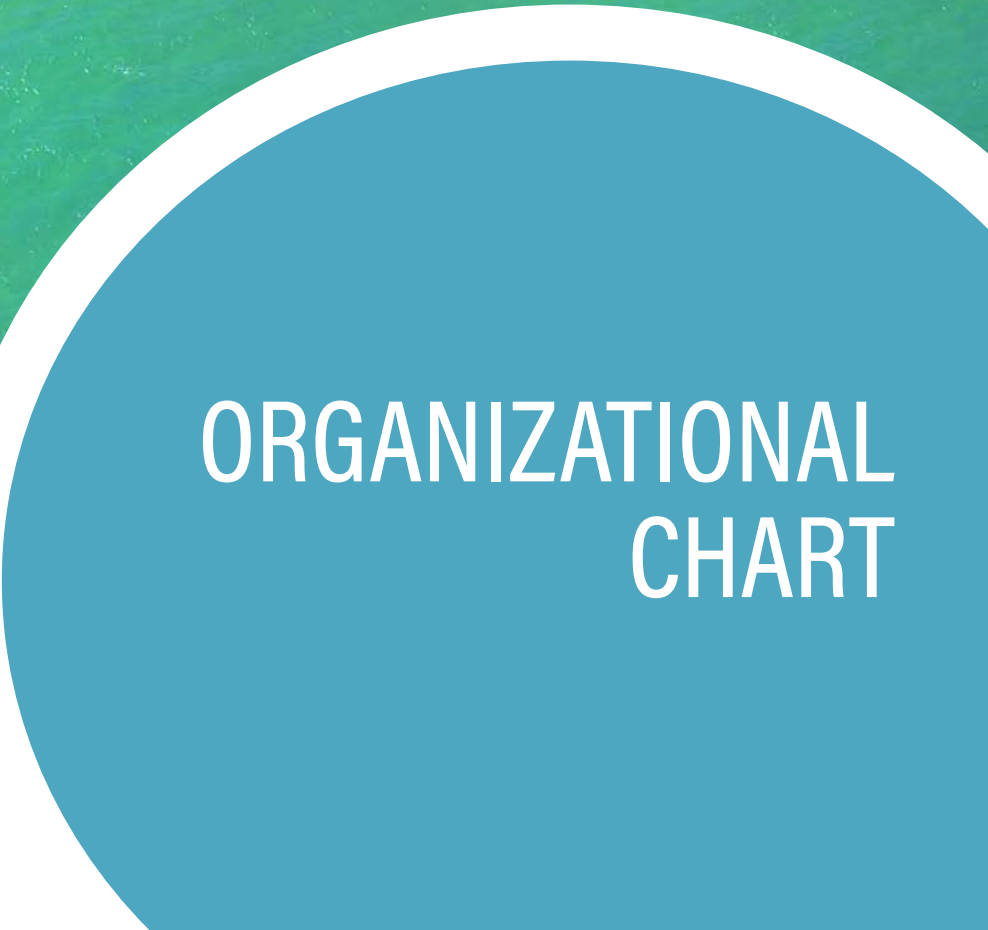
PRIME

Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	Jeff Brophy, PLA	20	B.L.A.
Project Manager	Brett Oldford, PE	26	B.S.
Asst. Project Manager			
Other Key Member	Amy Hunter, GISP	13	B.S.
Other Key Member	Cheryl Callender, PLA, LEED, SITES AP	19	M.L.A.

SUB-CONSULTANT

Role	Company Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Surveying		
Landscaping		
Engineering		
Other Key Member		
Other Key Member		
Other Key Member		
Other Key Member		

(use attachments if necessary)



ORGANIZATIONAL CHART



ORGANIZATIONAL CHART



Jeff Brophy, PLA ★
PRINCIPAL IN CHARGE



Traci Scheppske, CGC, LEED AP ★
CLIENT RELATIONS MANAGER



Brett Oldford, PE ★
CONTRACT MANAGER

LEGEND

- ★ Resume included
- WGI, Inc. (PRIME)
- Florida Engineering & Testing, Inc. (MBE)
- SA/Nelson & Associates (MBE)

SERVICE PROJECT MANAGERS AND SUPPORT STAFF

★
Stephen Cherry, PE
CIVIL ENGINEERING

- James Richie, PE
- Andre Goins, PE
- Michael Muniz, EI
- Adam Schildmeier, PE
- Brian Arnold, PE
- Merouane El Kaoussi, PE
- Tom Mueller, PE
- Chris Holmes, PE

★
Chris LaForte, PE
STRUCTURAL ENGINEERING

- Jeff Bergmann, PE
- Michael LeComte, PE
- Coriann Salas, PE
- Bradley Gersh, PE
- Kali McNeile, PE
- Ken Widjaja, PE, SI
- Julian Gomez, EI

★
Jim Sullivan, PSM
SURVEYING - MAPPING AND SUE

- Joe Edgar, PSM
- Jay Scagliola, PSM
- Paul Raskin
- Eric Matthews, PSM
- Ken Buchanan, PSM
- Matt Floyd, PSM
- Jason Alvarez, CST II
- Michael Kriegel
- Radek Grabowski
- Erik Brueningsen, PE

★
Kristen Nowicki, AICP
URBAN AND COMMUNITY PLANNING

- Heather Danforth, PLA, AICP
- Angela Biagi, PLA, LEED BD+C
- Lindsay Libes, AICP
- Lynn Zolezzi, AICP
- Jennifer Vail, AICP
- Doug Murray, PLA
- Lisa Nisenson
- Andrew Howard
- Edwin Muller, CS, CNU-A
- Lian Plass, LEED GA

★
William Needle, CS
CONSTRUCTION ENGINEERING INSPECTION

- Jeff Bergmann, PE
- Tim Sherwood, BI
- Ken Widjaja, PE, SI

★
John Cerreta, PE
TRANSPORTATION ENGINEERING

- Keegan Larson, PE
- Michael Madison, PE
- Brett Fuller, PE
- Corey Hill, PE
- Jerry Saval, PE
- Chad Johnson, EI

★
John Abbott, PG, CEP
ENVIRONMENTAL

- Michael Davis
- Amanda Montgomery, PWS
- Greg Griffith
- Rick Harman, PWS, CEP, CA
- Katy Christie, PWS
- Christa Cherry, CEP-IT

★
Amy Hunter, GISP
GEOGRAPHIC INFORMATION SERVICES

- Kevin Randolph, PSM
- Emily Zeilberger
- Edwin Muller, CS, CNU-A

★
Cheryl Callender, PLA
LEED, SITES AP
LANDSCAPE ARCHITECTURE

- Jason Mihalovits, PLA, LEED AP
- Kirsten Siegel, PLA
- Laura Collazos, ASLA
- Bryan Jackman, ASLA
- Rick Harman, CEP, PWS, CA

★
Sophia Nelson
PUBLIC OUTREACH

- Charisma Kendrick Adams
- Omar Smith
- Dante Filliyu

★
Mark Mesiano, PE
GEOTECHNICAL

- Naresh Persaud, EI
- Paul Teninty
- Preston Nevins

MANAGEMENT PLAN

MATCHING EXPERIENCE TO EXPECTATIONS

The WGI Team includes industry experts in the fields of civil and structural engineering, construction engineering inspection, surveying and mapping, landscape architecture, environmental assessments, planning, and geographic information services. It is the responsibility of WGI's Contract Manager Brett Oldford, to select a team of individuals with the widest breadth of experience and focused ability to successfully complete each and every work authorization issued. In other words, it is Brett's responsibility to find the "right tools for the job".

Brett, working with the City's project manager, will present the project team to the City with the submittal of the specific work authorization scope and fee proposal. This process promotes a better understanding of our project approach and staffing decisions. This will allow both the City and WGI to manage expectations and project deliverables.

PROJECT COMMUNICATION PLAN

Communication is the most critical component to the successful completion of a project. To provide for consistent communication between the City and WGI, **we recommend implementation of a communication protocol that will utilize key points of contact within the City of Pompano Beach and WGI for each assignment.** Our contract manager will be the single point of contact for all contract-related aspects and has the responsibility of coordination with the City's project manager. Brett will inform the City's project manager of the progress being made and ensure that all issues requiring the City's attention are discussed and resolved in a timely manner to avoid adverse impacts to the overall project schedule. Brett will remain involved in the day-to-day operations of the contract(s) and is directly responsible to the City for our performance on all project assignments. WGI's task project manager will be the single point of contact for all project-related aspects and has the responsibility of coordination with the City's task project manager. This direct interface will facilitate communication. However, at any time during a task assignment, Brett will be available to assist in the coordination of the project.

Although email correspondence is an effective tool for communication and documentation, WGI believes that virtual meetings, telephone calls, and yes – potentially in-person meetings are imperative components for successful project delivery. Items discussed in meetings or telephone conversations will be transcribed into minutes or records of conversations and distributed to establish project reference documents. Progress reports, including updates on project budget, schedule, and any outstanding or upcoming technical issues will be prepared and distributed on a pre-determined periodic basis (weekly, bi-weekly or monthly). WGI has found that the use of **eBuilder** for data and communication management is an effective way to create an easily accessible database for the entire project team. We have successfully utilized **eBuilder** on several projects including the Central Seacrest Corridor Phase II design-build project with the City of Boynton Beach.

Additionally, formal presentations to the City staff can be scheduled at your discretion. Status briefings, formal presentations, and workshops are encouraged as additional mechanisms to facilitate communicating significant technical issues, potential schedule delays, or other issues which appear significant. Our proposed protocol is flexible and can be modified easily to best suit the needs of each project and the City. We fully understand the nuances of municipal government and that projects can change due to stakeholder input. We will work closely with the City to be cognizant of this and flexible in our approach.



COST

The ability of WGI project managers to put the best interest of the City before anything else is what separates us from the competition. Controlling project costs is as important to WGI as it is to the City of Pompano Beach. The City will benefit from WGI's experience preparing an accurate budgetary opinion of costs during a project's planning phases and cost control during a project's design and construction phases. These project planning and execution activities significantly reduce costly over runs.

During the design process, WGI continually updates each project's opinion of probable construction costs and compares it to the City's construction budget. This process allows the City to make informed decisions on the design of all aspects of the project. It also makes it clear that expectations can be realized and how they can be accomplished via the design. Providing value engineering services helps the City maximize the return on each and every construction dollar.

REGULATORY AGENCIES

WGI has invested over three decades building relationships with the regulatory agencies at local, state, and federal levels. We have a very strong understanding of specific criteria, standards, and regulations that are implemented by the agencies. We understand the importance of agency coordination early in a project's planning phase in order to maximize efficiency of the regulatory review process and minimize potential adverse impacts associated with the proposed activity.

WGI's staff specializes in obtaining Environmental Resource Permits (including State Water Quality Certification) and Federal Clean Water Act Dredge and Fill permits, Gopher Tortoise Relocation/Conservation permits, National Pollution Discharge and Elimination System (NPDES) permits, water use/dewatering permits, and various types of right-of-way permits. WGI's staff include professional wetland scientists, arborists, and four individuals that are certified as Authorized Gopher Tortoise Agents.

Key WGI environmental scientists have worked for state and federal regulatory agencies. For example, WGI Principal and Senior Vice President Michael Davis was a federal executive responsible for national wetlands, water resources, and environmental restoration policy, including the U.S. Army Corps of Engineers (USACE)/Environmental Protection Agency (EPA) wetlands program and the National Environmental Policy Act (NEPA). Mr. Davis has helped cities and counties to successfully navigate through challenging environmental issues. **As highlighted in the project narrative for the Jones Creek Kayak Launch, WGI reduced the cost of permitting to the Town of Jupiter, shortened the project schedule, and avoided impacts to sensitive mangroves by carefully selecting the project location and using a nationwide permit and obtaining a state permit exemption.**

Through scores of public projects, WGI's environmental scientists have coordinated extensively with EPA, USACE, Occupational Safety and Health Administration (OSHA), Florida Department of Environmental Protection (FDEP), South Florida Water Management District (SFWMD), U.S. Fish and Wildlife Service (FWS), and the Florida Department of Transportation (FDOT), as well as various municipalities. Our team also has extensive experience with NEPA regulations and has compiled numerous NEPA documents for both public entities and private sector clients seeking federal funding for the design and/or construction of projects. WGI team members have prepared detailed Environmental Impact Statements, Environmental Assessments, and Categorical Exclusions for projects located throughout the State of Florida.

We significantly reduce costly over runs by providing accurate budgets and diligent cost control

Our relationships and familiarity with regulatory agencies' requirements allow us to maximize efficiency during regulatory review process

ADDRESSING UNEXPECTED ISSUES

Proper and diligent planning can reduce the number and significance of unexpected issues, but they do present themselves no matter how prepared you are. Typically the impact these events have on a project is determined by how contract managers, project managers, and other team members respond to the issues. The best tool we have for preventing unexpected issues or limiting their impact is timely, clear, and effective communication as soon as the issue presents itself, **as evidenced by our Kudza Road watermain relocation project for the Village of Palm Springs. During the demolition of an existing bridge, an undetected gas main was encountered. WGI worked quickly with our utility coordinators and subsurface utility engineers to develop a mitigation plan to resolve the alignment issues of the proposed water main. We presented the plan to our client prior to performing any work. Once the Village of Palm Springs approved the plan, we promptly field located the gas main at the conflict point and coordinated with Florida Public Utilities to develop an alternative water main design that satisfied all parties. All of this was completed without impacting the contractor's schedule or client's cost.**

If an unexpected issue arises, Brett will identify the parameters of the issue, gather data, and notify the City's contract and project managers immediately while WGI analyzes potential solutions to the issue. The earlier the issue is identified, communicated, and resolved, the less potential it has to adversely impact a project's budget and schedule. Once an agreeable solution can be determined, WGI will identify if an amendment to the scope is required to accommodate the change. If an amendment is required, it will be prepared swiftly for review by the City. Once the contractual revisions are completed and approved by the City, WGI will complete the implementation of the solution. However, we will do our best in addressing these potential scope changes within our contracted scope to alleviate change orders and project delays.



Public Involvement Meeting, Westgate CRA, West Palm Beach, FL

EXPERIENCE IN BUILDING COMMUNITY CONSENSUS

Public participation efforts are critical to the success and implementation of projects. The WGI Team views public involvement as a two-way communication process between the public and a governmental agency aimed at incorporating the diverse citizens' views, concerns, and issues into decision making. For instance, downtown residents are likely to have different perspectives and insights into issues like traffic or housing than their suburban counterparts or agency staff. Involving the City residents in the planning and decision-making process will give them a voice in shaping the future of their community, build community consensus, and help grow a sense of ownership and community pride.

Early and ongoing outreach builds trust within the community and brings transparency to what can be a complicated process. Public involvement activities that prove most valuable and successful are those that are easily accessible, relevant, and appropriate. The WGI Team approaches public involvement with the development of a Public Involvement Plan (PIP), a comprehensive guidebook that identifies, implements, and documents strategies to reach the people who will be affected or who may be interested in the particulars of the project. The WGI Team will develop distinct, project specific PIPs, consisting of five attainable goals – inform, consult, involve, coordinate, and assess – that will seek to ensure that the City's ideas and concerns are included in the decision-making process throughout the life of projects and that information is provided in the most effective manner. A living document, the PIP will be developed with enough flexibility to adapt to changing conditions and situations.

It is well known that people become more involved in a project when they feel that they are directly influencing its outcome. Working with the public to gain insight into the community can be accomplished through both traditional and non-traditional methods. Conventional approaches to outreach, such as formal public meetings, work best on small-scale or non-contentious community improvements. Conversely, for large-scale projects, ones to which the community has a strong connection, or for those projects that are not well understood, more intensive and personalized approaches are necessary for a successful outcome. For this reason, to engage more City residents, the consensus building process that the WGI Team will incorporate includes less customary and more innovative outreach tools that go outside of a meeting room to places that City residents and stakeholder groups frequent in their day-to-day lives. Interactive methods that reach a wider audience include hosting booths with interesting exhibits (and "freebies") at outdoor community events, creating activities and programs to engage the City community, sharing information online through the creation of websites, capturing the attention of all age groups through the use of social media, and monitoring hotlines City residents can utilize to ask questions and share concerns.

A highly popular consensus building technique is the charrette process. It is envisioned that the WGI Team, comprised of planners who hold National Charrette System certifications, will devote appropriate time

**It is well known
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its outcome.**

to brainstorm with City citizens, local officials, and other stakeholders to collaborate on a vision in a fast-paced, result-driven environment. Our charrette process will produce practical solutions to identified problems that are clearly stated using easily understood text and graphics that will draw on a consensus-building public outreach process. In combination with the charrette process, the WGI Team also will engage stakeholders one-on-one, and in focus groups and advisory panel meetings to yield more varied and specific results, as they create a more intimate environment for sharing of information. While these strategic small-scale and personal engagements tend to take more time, they can help increase the number of people involved in project planning and implementation.

While it is difficult to draw all residents to public meetings, the WGI Team has extensive experience in creating websites as an effective public engagement technique that provides all of the information relevant to a project, offers opportunities to submit inquiries, and displays videos from public meetings. As shown in the samples to the right, our websites incorporate an interactive GIS application allowing residents to locate information about planned construction, inform them of general improvements that will be made, share information, and provide points of communication. We have successfully created websites for the City of Boynton Beach, City of Lake Worth Beach, and City of Delray beach among others.

Hotlines are another popular form of outreach the WGI Team will utilize in order to provide a way for City residents to get answers to questions and share concerns. Hotlines address the accessibility requirements for public involvement as they can be set up in multiple languages. They provide direct response as hotline phone numbers can be retrieved via smart phones at any time and location. This public outreach tool will act as an arm between the City Council and staff and their citizenry, ensuring that the projects are implemented efficiently and community members feel comfortable with the work being conducted.

The ultimate goal of WGI's public involvement and consensus building process is to provide the community with opportunities for inclusion in the decision-making process. A comprehensive PIP can create an easily understood process that ensures efficient use of resources and that the commitments to the public are honored. Implementation of a PIP builds community trust in the process and impacts the success of projects. Continual reassurance to the City neighborhoods and businesses that their well being is the priority will go a long way in working through any potential conflicts. When all the various stakeholders are informed, listened to, and understand that their concerns have been heard and are being addressed, a shared vision is not only created — it is supported.



INNOVATIVE APPROACHES

WGI employs the most cutting-edge technology in the field. This includes vehicle mounted and personnel equipped mobile LiDAR, as well as aerial and aquatic drones for a variety of data collection capabilities. Our mobile LiDAR will allow us to create a digital 3D scan of the project limits within a matter of a few hours versus weeks of labor-intensive data gathering efforts with traditional survey methods. This includes route scanning for linear projects, stationary scanning for large enclosed spaces, or utilizing our backpack LiDAR unit to allow data collection in confined or heavily vegetated areas.

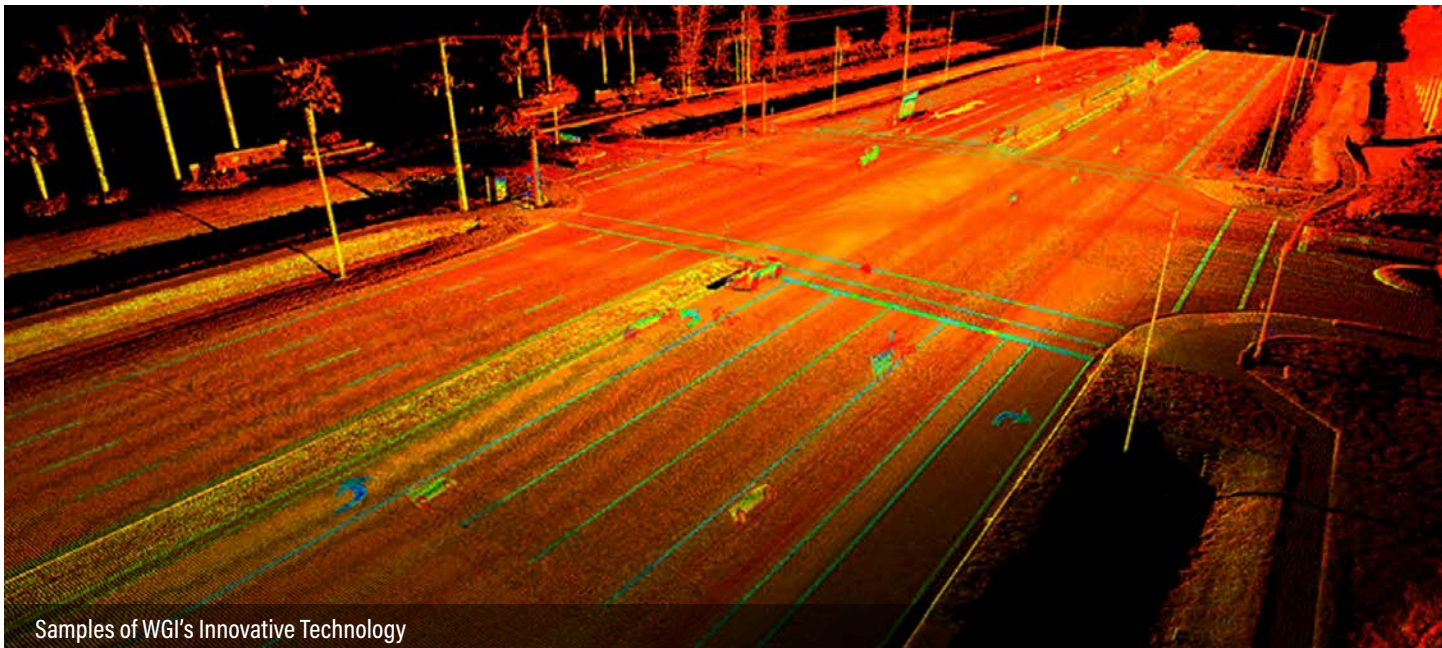
The data from the 3D scanning methods can be used to collect topographic features, identify drainage flows, and inventory trees. Our mobile LiDAR will allow us to create a City-wide inventory of assets, including fire hydrants, valves, and drainage structures in a very short timeframe. For the City of Lake Worth Beach WGI performed route surveys on 101 miles of municipally owned roadways within a week. Substantially reducing the field data collection time, effort, safety of staff and residents.

Our fleet of aerial drones allows us to collect imagery as well as provide topographical data for more expansive areas. The Z-Boat, or autonomous surface vessel (ASV), can collect bathymetric data at a fraction of the time it could using a typical manned vessel and data logger. Utilizing this technology allows us to significantly cut down on analysis and data collection times, reducing the overall design schedule and ultimately saving the City money.

Samples of WGI's Innovative Technology



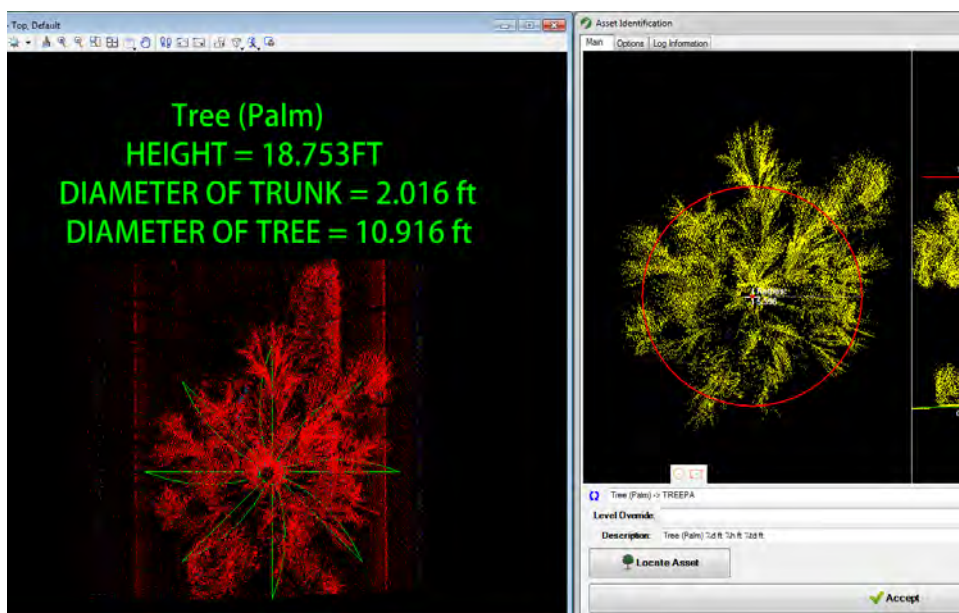
WGI uses a variety of 3D visualization software and equipment to help our clients truly visualize a project. This includes software to develop renderings of proposed improvements as well as virtual reality goggles to allow clients to navigate the projects.



Samples of WGI's Innovative Technology

Value Engineering

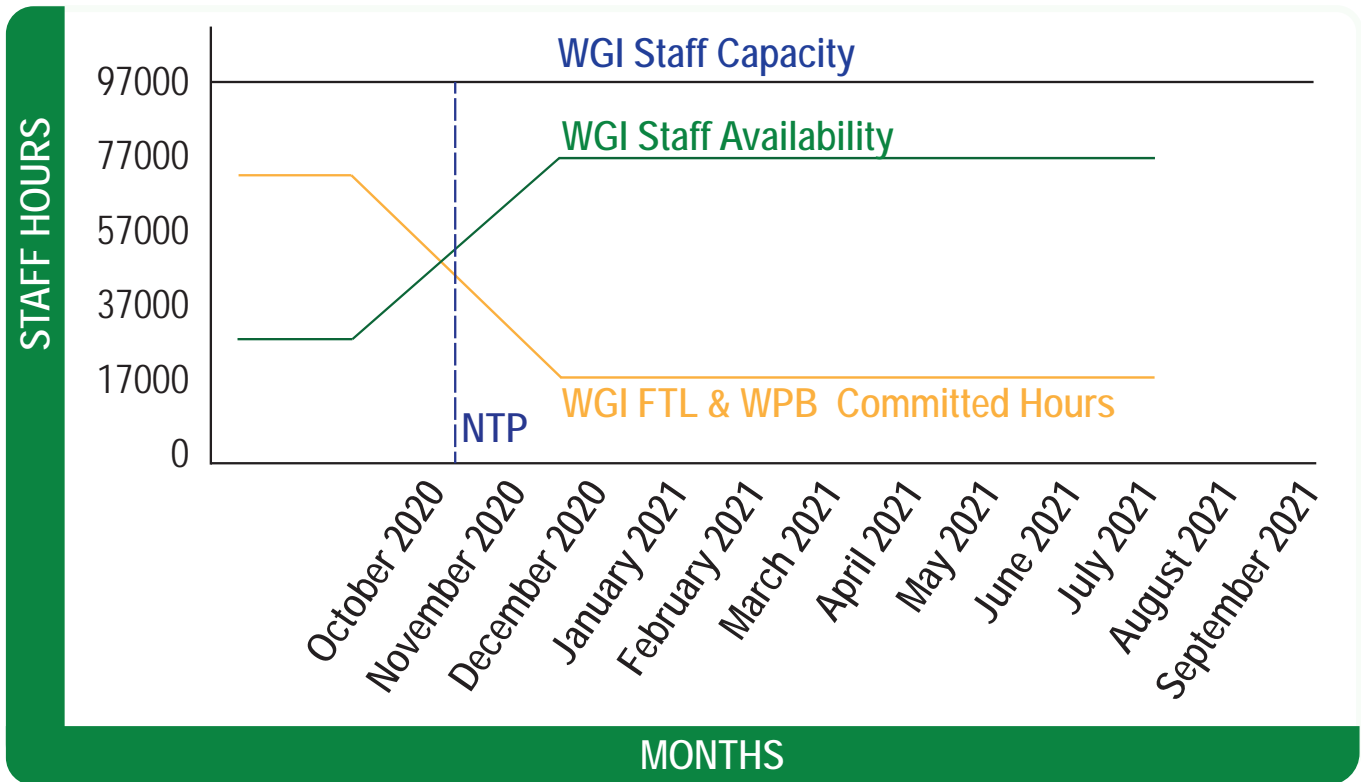
Value Engineering (VE) is an organized, effective approach to efficiently identify unnecessary costs, especially those that do not measurably contribute to quality, utility, safety, durability, appearance, or permitting requirements. Sound economic design is the foundation of WGI's design process.



The data from the 3D scanning methods can be used to collect topographic features, identify drainage flows, and inventory trees. Our mobile LiDAR allows us to create a City-wide inventory of assets, including fire hydrants, valves, and drainage structures in a very short timeframe.

STAFF WORKLOAD AND AVAILABILITY

WGI currently employs nearly 600 highly skilled and experienced professionals committed to excellence and unsurpassed service to our clients. With our depth of staff, we are able to provide our clients the most competent and efficient service available. The size of our staff resources allows us maximize staff allocations and typically exceed project milestones. What this means to the City of Pompano Beach is that WGI has immediate access to ample resources, whether identified in the staffing matrix include on page 30 or not, to meet the City’s technical, budgetary, and scheduling needs.





STATEMENT OF SKILLS AND EXPERIENCE OF PROJECT TEAM



STATEMENT OF SKILLS AND EXPERIENCE OF PROJECT TEAM

The most important qualification WGI brings to the City of Pompano Beach is the commitment of the firm, at all levels, to develop successful projects; projects that are technically sound, delivered on schedule, and within budgetary guidelines. **The depth of our team, shown on the next few pages of this proposal, provides ample capacity to competently complete all assignments in a timely manner.** Commitment, dedication, and teamwork are all qualities that the WGI Team brings to the City. This commitment has been clearly demonstrated by WGI's superior service and professionalism over the years in providing similar engineering services on a continuing basis for clients such as the City of Boca Raton, City of Fort Lauderdale, Town of Jupiter, City of West Palm Beach, City of Lake Worth Beach, City of Boynton Beach, City of Delray Beach, Village of Wellington, Village of Palm Springs, Palm Beach County, Martin County, St Lucie County, Loxahatchee River District, Northern Palm Beach County Improvement District, South Florida Water Management District, Florida Department of Environmental Protection, and Florida Department of Transportation

WGI EXPERIENCED CUSTOMER-DRIVEN PROFESSIONALS

WGI's philosophy regarding client management is based on proactive communication to ensure contract management efficiency and projects delivered exceeding client's expectations. Our experience successfully managing hundreds of continuing services contracts, for municipal and state agencies, has proven effective communication is achieved by providing our clients a single point of contact. We learned having a dedicated contract manager for the administrative tasks, and a technical expert to handle all project related matters is the best organizational approach, as shown on our general organizational chart.

Following is a staffing chart including technical experts to support each project manager delivering projects to the City. We also have provided a service-specific organizational chart in each section, to show the depth of professional staff offered to the City.

	NAME	ROLE	YEARS EXP.	% OF AVAIL.	LOCATION	PROFESSIONAL LICENSES
★	Brett Oldford, PE	Contract Manager	26	50%	West Palm Beach, FL	FL - PE 61795
★	Jeff Brophy, PLA, ASLA	Principal in Charge	20	50%	West Palm Beach, FL	FL - PLA 6666868
★	Traci Scheppske, CGC, LEED AP	Client Relations Manager	32	60%	West Palm Beach, FL	FL - CGC 1516581
★	Stephen Cherry, PE	Project Manager Civil Engineering	8	60%	West Palm Beach, FL	FL - PE 83268
	James Richie, PE	Civil QA/QC	18	50%	West Palm Beach, FL	FL - PE 64778
	Andre Goins, PE	Civil Engineering	16	30%	Fort Lauderdale, FL	FL - PE 61684
	Michael Muniz, EI	Civil Support	2	90%	Fort Lauderdale, FL	FL - EI 18-907-52
	Adam Schildmeier, PE	Site Civil/Parks	16	60%	West Palm Beach, FL	FL - PE 69218
	Brian Arnold, PE	Site Civil/Parks	9	50%	West Palm Beach, FL	FL - PE 81294
	Merouane El Kaoussi, PE	Drainage	9	65%	Fort Lauderdale, FL	FL - PE 88591
	Tom Mueller, PE	Drainage	23	50%	West Palm Beach, FL	FL - PE 58119

	NAME	ROLE	YEARS EXP.	% OF AVAIL.	LOCATION	PROFESSIONAL LICENSES
	Chris Holmes, PE	Permitting	21	50%	West Palm Beach, FL	FL - PE 66344
★	Chris LaForte, PE	Project Manager Structural Engineering	13	65%	West Palm Beach, FL	FL - PE 76797
	Jeff Bergmann, PE	Structures QA/QC	36	35%	West Palm Beach, FL	FL - PE 50159
	Michael LeComte, PE	Structures QA/QC	26	50%	Fort Lauderdale, FL	FL - PE 57156
	Coriann Salas, PE	Bridges, seawalls, and retaining walls	19	35%	Fort Lauderdale, FL	FL - PE 64779
	Bradley Gersh, PE	Bridges, seawalls, and retaining walls	7	50%	Fort Lauderdale, FL	FL - PE 84312
	Kali McNeile, PE	Bridges, retaining walls, and miscellaneous structures	5	50%	Fort Lauderdale, FL	FL - PE 88599
	Ken Widjaja, PE, SI	Bridges and seawalls	15	65%	West Palm Beach, FL	FL - PE 74108
	Julian Gomez, EI	Vertical Structures, buildings towers, building hardening	6	65%	Fort Lauderdale, FL	FL - EI 1100019898
★	Jim Sullivan, PSM	Project Manager Survey, Mapping and SUE	23	50%	West Palm Beach, FL	FL - PSM LS6889
	Joe Edgar, PSM	Survey QA/QC	44	50%	West Palm Beach, FL	FL - PSM LS4097
	Jay Scagliola, PSM	SUE QA/QC	47	50%	West Palm Beach, FL	FL - PSM LS5066
	Paul Raskin	Production Manager	32	85%	Fort Lauderdale, FL	
	Eric Matthews, PSM	Project Surveyor	25	75%	West Palm Beach, FL	FL - PSM LS6717
	Ken Buchanan, PSM	Project Surveyor	35	85%	West Palm Beach, FL	FL - PSM LS7202
	Matt Floyd, PSM	Project Surveyor	13	75%	West Palm Beach, FL	FL - PSM LS7098
	Jason Alvarez, CST II	Project Coordinator	20	75%	West Palm Beach, FL	
	Michael Kriegel	SUE Project Manager	16	85%	Fort Lauderdale, FL	
	Radek Grabowski	SUE Project Manager	24	75%	West Palm Beach, FL	
	Erik Brueningsen, PE	Utility Coordinator/SUE	36	50%	West Palm Beach, FL	FL - PE 38564
★	Kristen Nowicki, AICP	Project Manager Urban and Community Planning	19	50%	Fort Lauderdale, FL	AICP 23382
	Heather Danforth, PLA, AICP	Planning QA/QC	10	30%	West Palm Beach, FL	FL - PLA LA6667437 AICP 32187
	Angela Biagi, PLA, LEED BD+C	Planning and Urban Design	19	30%	West Palm Beach, FL	FL - PLA LA6666787
	Lindsay Libes, AICP	Comprehensive Plan and Development Regulations	13	30%	West Palm Beach, FL	AICP 30634
	Lynn Riley-Zolezzi, AICP	Comprehensive Plan and Development Regulations	27	30%	West Palm Beach, FL	AICP 19841
	Jennifer Vail, AICP	Comprehensive Plan and Development Regulations	26	30%	West Palm Beach, FL	AICP 23668

	NAME	ROLE	YEARS EXP.	% OF AVAIL.	LOCATION	PROFESSIONAL LICENSES
	Doug Murray, PLA	Master Planning and Site Planning	17	30%	West Palm Beach, FL	FL - PLA LA6667151
	Lisa Nisenson	New Mobility and Transportation Solutions	31	35%	West Palm Beach, FL	
	Andrew Howard	Placemaking/Public Space Activation	20	35%	Dallas, TX	
	Edwin Muller, CS, CNU-A	Planning, Public Outreach, and GIS Support	9	30%	West Palm Beach, FL	
	Lian Plass, LEED GA	Planning Support	3	25%	West Palm Beach, FL	
★	William Needle, CS	Project Manager Construction Engineering Inspection	36	45%	West Palm Beach, FL	MA - CS 66577
	Jeff Bergmann, PE	CEI QA/QC	36	40%	West Palm Beach, FL	FL - PE 50159
	Tim Sherwood, BI	Building Inspector	27	30%	West Palm Beach, FL	FL - BI BN4893
	Ken Widjaja, PE, SI	Construction Engineering Inspector	15	30%	West Palm Beach, FL	FL - PE 74108
★	John Cerreta, PE	Project Manager Transportation Engineering	27	40%	West Palm Beach, FL	FL - PE 53992
	Keegan Larson, PE	Transportation QA/QC	16	25%	West Palm Beach, FL	FL - PE 69176
	Michael Madison, PE	Roadway Design	12	30%	West Palm Beach, FL	FL - PE 75434
	Brett Fuller, PE	Signing and Pavement Marking	10	50%	West Palm Beach, FL	FL - PE 78486
	Corey Hill, PE	Maintenance of Traffic/Signalization	8	50%	West Palm Beach, FL	FL - PE 80438
	Jerry Saval, PE, CFM	Drainage and Permitting	39	40%	West Palm Beach, FL	FL - PE 36168
	Chad Johnson, EI	Maintenance of Traffic/Signalization	20	50%	West Palm Beach, FL	FL - EI 1100009427
★	John Abbott, PG, CEP	Project Manager Environmental	24	40%	West Palm Beach, FL	FL - PG PG2401
	Michael L. Davis	Environmental QA/QC	41	5%	West Palm Beach, FL	
	Amanda Montgomery, PWS	Environmental/Permitting	5	60%	Fort Lauderdale, FL	
	Greg Griffith	Environmental/Permitting	19	40%	West Palm Beach, FL	
	Rick Harman, PWS, CEP, CA	Environmental/Permitting	17	60%	West Palm Beach, FL	
	Katy Christie, PWS	Environmental/Permitting	11	80%	West Palm Beach, FL	
	Christa Cherry, CEP-IT	Environmental/Permitting	3	90%	West Palm Beach, FL	
★	Amy Hunter, GISP	Project Manager Geographic Information Services	13	75%	Orlando, FL	
	Kevin Randolph, PSM	GIS QA/QC	24	25%	Tampa, FL	FL - PSM LS7128
	Emily Zeilberger	GIS Specialist	4	80%	West Palm Beach, FL	

	NAME	ROLE	YEARS EXP.	% OF AVAIL.	LOCATION	PROFESSIONAL LICENSES
	Edwin Muller, CS, CNU-A	GIS Planner	9	25%	West Palm Beach, FL	
★	Cheryl Callender, PLA, ISA, SITES AP, LEED	Project Manager Landscape Architecture	19	65%	Fort Lauderdale, FL	FL - PLA LA6667177
	Jason Mihalovits, PLA, LEED AP	Landscape Architecture QA/QC	18	40%	West Palm Beach, FL	FL - PLA LA6667128
	Kirsten Siegel, PLA	Landscape Architect	11	50%	West Palm Beach, FL	FL - PLA LA6667375
	Laura Collazos, ASLA	Landscape Designer/Inspector	3	75%	West Palm Beach, FL	
	Bryan Jackman, ASLA	Landscape-Irrigation Designer/Inspector	11	75%	West Palm Beach, FL	
	Rick Harman, CEP, PWS, CA	Arborist	17	60	West Palm Beach, FL	
★	Sophia A. Nelson	Public Outreach	20	75%	Pompano Beach, FL	
★	Mark Mesiano, PE	Geotechnical	25	50%	Pompano Beach, FL	FL - PE 48202

TECHNICAL EXPERTS + TECHNOLOGY

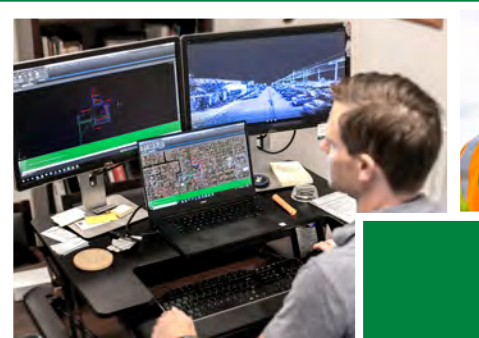
THE BEST



ASSETS



WE HAVE



TO OFFER



RESUMES OF KEY PERSONNEL





PRINCIPAL IN CHARGE

Jeff is vice president of WGI's PLACE Division, which includes the Planning, Landscape Architecture, Civil Engineering, and Environmental departments. He is responsible for oversight of all the contracts of his Division. This includes ensuring that the internal firm processes are adhered to achieve the highest level of services for WGI's clients. Jeff strives to keep open lines of communication between the client, consultant team, and government agencies to achieve an efficient and successful project completion and contract management.

RELEVANT EXPERIENCE

Continuing Professional Service Contract, Palm Beach County, FL, City of Delray Beach, Principal in Charge. WGI has been working with the City of Delray Beach for over ten years, providing professional services for a multitude and variety of projects, including civil, structural and transportation engineering, landscape architecture, environmental services, surveying and construction engineering and inspection. WGI's consistent quality and performance have kept projects ahead of schedule and under budget and has created a strong relationship between WGI and the City of Delray Beach. Typical projects under this contract have required close public outreach, utility design, local roadway and paving design, FDEP, USACE, and FDOT permitting, LAP coordination, bidding services, and construction administration. **WGI has performed over 45 individual service authorizations.**

Civil Engineering Services Continuing Contract, Palm Beach County, FL, City of Lake Worth Beach, Principal in Charge. Services performed have ranged from surveying, engineering, signalization, landscape architecture, environmental and construction administration. Specific projects under this contract included engineering and LAP coordination, management of the City's \$40M neighborhood road bond program and construction administration of one of the City's Park of Commerce infrastructure improvement LAP projects and others. **WGI has performed 21 task orders.**

Engineering, Architectural, and other Professional Services Continuing Services Contract, Palm Beach County, FL, Town of Jupiter, Principal in Charge. Services performed under this contract have ranged from surveying, planning, engineering, landscape architecture, environmental and construction inspection. Specific projects completed under this contract include several park projects, including design as well as a lighting assessment, structural design, HVAC assessment and upgrade design. Throughout the term of this contract, **WGI has completed 26 work orders.**

General Services Agreement, Palm Beach County, FL, Village of Palm Springs, Principal in Charge. WGI has provided engineering, architecture, planning, and surveying services for sustainable projects that enhanced the infrastructure and maintain the unique Village atmosphere. Projects varied between roadways, stormwater, parks, facilities, and master plans. The organizational structure for this contract includes a contract manager, who ensures the schedule and budget met or exceeds client's expectations, and a team comprised of over 40 professionals, with the help of four project managers, each assigned to different disciplines – engineering, surveying, architecture, and planning. **WGI has completed 7 task orders.**

Engineering Services Agreement, State of Florida, Florida Department of Environmental Protection, Principal in Charge. WGI has provided survey, engineering, landscape architecture, environmental and construction phase services statewide for the Florida Department of Environmental Protection. Many of the sites are in remote areas; however, WGI's depth and breadth of services, in addition to our eight statewide offices allow us to successfully provide our client with quality services on a timely basis. **WGI has completed 10 project specific task work orders.**



**Jeffrey
Brophy, PLA,
ASLA**

REGISTRATIONS:

Professional Landscape Architect
Florida LA6666868, 2007

EDUCATION:

Bachelor of Landscape Architecture
University of Guelph, Ontario
2000

AFFILIATIONS:

American Society of Landscape Architects

**YEARS OF EXPERIENCE
TOTAL: 20 WITH WGI: 20**



CLIENT RELATIONS MANAGER

Traci has more than three decades of owner's representative, project management, and design experience. As senior engineering manager, she provides complete project services overseeing all aspects of the engineering design, permitting, and construction for projects for both commercial and residential developments. Her responsibilities include engineering design and complete project management for land development projects with emphasis on site development, water distribution, sanitary sewer, drainage, and roadway design. In addition to cost estimating, quantity take-offs and bid evaluations, she has extensive experience with project scheduling and coordination for design and construction. She regularly coordinates efforts for utility service/relocation with FPL, Bellsouth/AT&T, cable, gas, etc., as well as various disciplines such as planning, surveying, architectural, landscaping and construction. Her work has included all aspects of project management, design, permitting, and construction coordination for projects extending from Palm Beach County to the Florida Keys.



**Traci
Scheppske, CGC**

RELEVANT EXPERIENCE

Pompano Pier Parking Garage, Broward County, FL, City of Pompano Beach, Client Manager. Traci was the client manager providing oversight for the planning, civil engineering, and landscape architecture services for the \$24M, 650 space iconic parking garage. The garage included and landscaped rooftop deck and first floor commercial and retail space. The project also included the design and permitting of Pier Street and Seabreeze Way, including utility infrastructure design of water, sanitary sewer, stormwater management, and utility coordination to support the parking garage and out parcels for future hotel, and restaurants.

Martin Luther King Jr. Boulevard/Hammondville Road Trafficways Plan Amendment, Broward County, FL, City of Pompano Beach, Contract Manager. Traci served as the liaison between the County and the City to prepare and process the first trafficways plan amendment to "context sensitive corridor" in Broward County. This amendment allowed the City to have flexibility in the design layout, road cross section, and speeds to provide a better urban plan that met the needs of the community. Traci prepared all of the required documents and processed the application through the CRA Board, Pompano Beach City Commission, and Broward County Planning Council.

Pompano Beach East CRA District Projects, Broward County, FL, City of Pompano Beach, Contract Manager. Traci served as the contract manager for the multiple project in the East CRA district. The services included planning, civil engineering, surveying, SUE, and landscape architecture services for the CRA, which had ambitious plans for the redevelopment of the area south of the pier from Atlantic Boulevard to NE 5th Street to create a unique beachfront venue.

These projects included the Pompano Beach Boulevard Streetscape Improvements including the Beach Plaza, Pompano Beach Park dune restoration, and the completion of the new pier-parking garage, an iconic structure designed to herald in a wave of redevelopment and enhanced access to the beach area. The purpose of these projects was to revitalize and create an oceanfront pedestrian promenade, both vibrant and uniquely branded for local residents and visitors of Pompano Beach.

"Old" (Historic) Pompano Streetscape Improvements, Downtown Pompano Connectivity Plan, Broward County, FL, City of Pompano Beach, Contract Manager. Traci was responsible for the overall team management, including engineering, permitting, planning, surveying, public outreach/consensus, and construction management for an area wide project involving 10 square blocks of the "Old" (Historic) Pompano Area and Martin Luther King Jr. Boulevard between I-95 and Dixie Highway. The project included an assessment of the existing infrastructure and provided recommendations on suitability of the CRA's proposed land use. Based on the approved connectivity plan by the Pompano Beach CRA, the improvements signalization improvements, and significant drainage, and roadway improvements.

REGISTRATIONS:

Certified General Contractor:
Florida #1516581

EDUCATION:

Associate of Science,
Architecture and Engineering
Design - Catonsville Community
College, 1988

CERTIFICATIONS:

LEED AP BD+C
CM-BIM

AFFILIATIONS:

BIM Smart Foundation Member
Society for Marketing
Professional Services

YEARS OF EXPERIENCE

TOTAL: 32

WITH WGI: 2



CONTRACT MANAGER

Brett has extensive planning, design, permitting, value engineering, and construction management experience covering municipal infrastructure, civil/site design, and land development projects. His experience includes providing professional consulting services for both municipal and private sector clients. As project manager, Brett has led projects such as large-scale residential, commercial, and mixed-use developments, petroleum facilities, marinas, dredge and fill projects, water resources, stormwater management systems, utility improvements, roadway projects, municipal parks, and infrastructure design. As a WGI contract manager, Brett has successfully managed 12 continuing services contracts, 140 task work orders, in five years.



**Brett
Oldford, PE**

REGISTRATIONS:

Professional Engineer
Florida 61795, 2004

EDUCATION:

Bachelor of Science
Civil Engineering
Florida State University, 2000

YEARS OF EXPERIENCE

TOTAL: 26 WITH WGI: 5

RELEVANT EXPERIENCE

Continuing Professional Service Contract, Palm Beach County, FL, City of Delray Beach, Contract Manager. Brett serves as the contract manager for the continuing service contract with the City of Delray Beach for the past five years and is ultimately responsible for all aspects of contract management. WGI has been working with the City of Delray Beach for over ten years, providing professional services for a multitude and variety of projects, including civil, structural and transportation engineering, landscape architecture, environmental services, surveying and construction engineering and inspection. WGI's consistent quality and performance have kept projects ahead of schedule and under budget and has created a strong relationship between WGI and the City of Delray Beach. Typical projects under this contract have required close public outreach, utility design, local roadway and paving design, FDEP, USACE, and FDOT permitting, LAP coordination, bidding services, and construction administration. **WGI has performed over 45 individual service authorizations.**

Civil Engineering Services Continuing Contract, Palm Beach County, FL, City of Lake Worth Beach, Contract Manager. As contract manager, Brett is responsible for all contract related items and the overall delivery of all aspects of this continuing service contract. Services performed have ranged from surveying, engineering, signalization, landscape architecture, environmental and construction administration. Specific projects under this contract included engineering and LAP coordination, management of the City's \$40M neighborhood road bond program and construction administration of one of the City's Park of Commerce infrastructure improvement LAP projects and others. **WGI has performed 21 task orders.**

Engineering, Architectural, and other Professional Services Continuing Services Contract, Palm Beach County, FL, Town of Jupiter, Contract Manager. Brett served as the contract manager for the continuing professional service contract with the Town of Jupiter for the past three years and is responsible for the overall delivery all aspects of this continuing service contract. Services performed under this contract have ranged from surveying, planning, engineering, landscape architecture, environmental and construction inspection. Specific projects completed under this contract include several park projects, including design as well as a lighting assessment, structural design, HVAC assessment and upgrade design. Throughout the term of this contract, **WGI has completed 26 work orders.**

General Services Agreement, Palm Beach County, FL, Village of Palm Springs, Contract Manager. Brett is the contract manager for the term of this continuing service contract with the Village of Palm Springs and is responsible for all aspects of the contract. WGI has provided engineering, architecture, planning, and surveying services for sustainable projects that enhanced the infrastructure and maintain the unique Village atmosphere. Projects varied between roadways, stormwater, parks, facilities, and master plans. As contract manager, Brett oversees a team comprised of over 40 professionals, with the help of four project managers, each assigned to different disciplines – engineering, surveying, architecture, and planning. For each project, he ensures the schedule and budget met or exceeded client's expectations. **WGI has completed 5 task orders.**

Engineering Services Agreement, State of Florida, Florida Department of Environmental Protection, Contract Manager. Brett serves as the client service manager for this continuing professional services contract with FDEP, ensuring the client's satisfaction and responsible for the overall delivery of all aspects of the contract. WGI has provided survey, engineering, landscape architecture, environmental and construction phase services statewide for the Florida Department of Environmental Protection. Many of the sites are in remote areas; however, WGI's depth and breadth of services, in addition to our eight statewide offices allow us to successfully provide our client with quality services on a timely basis. **WGI has completed 10 project specific task work orders.**



PROJECT MANAGER • CIVIL ENGINEERING

Stephen is a technologically advanced and highly motivated design engineer. With eight years of experience, 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.

RELEVANT EXPERIENCE

Sunrise Boulevard Bridge Watermain Design, Broward County, FL, FDOT District 4, Project Engineer. Stephen was a project engineer on the Sunrise Boulevard Middle River Bridge water main project. The project replaced an existing 20-inch subaqueous water main and an existing 12-inch water main attached to the existing bridge. The design required coordination with FDOT as a temporary 24-inch water main was required to keep service active during construction. The water main was constructed in two phases. The first phase included a temporary water main, while the second phase consisted of the water main in its final location, which was raised approximately four feet higher than the existing bridge.

NE 2nd Avenue Roadway Restoration and Beautification, Palm Beach County, FL, City of management, project deliverables, and FDOT Local Agency Program (LAP) coordination. As the lead design engineer, he worked closely with the City of Delray Beach, Delray Beach CRA, and FDOT on the reconstruction/roadway enhancements of this "complete street" project. As a significant portion of the funding was from FDOT's LAP, WGI was responsible for the coordination of specific deliverable requirements, and for ensuring compliance with all LAP funding documentation criteria. The overall project goal was to enhance the roadway by designing traffic calming features including reduced traffic lane widths, raised intersections, paver brick crosswalks, and landscaped bulb-outs. Green-striped bicycle lanes, which were a key requirement of the LAP funding, were included in the design. This multidisciplinary project included roadway/drainage design, surveying, permitting, street lighting, signage/stripping, landscaping/irrigation, plus coordination of LAP documentation. LAP documentation included preparation of a cultural resource assessment study, and an environmental resource assessment report.

Marine Way Seawall and Docks Phase 1, Palm Beach County, FL, City of Delray Beach, Project Manager. Stephen was project manager for Phase I of the Marine Way Seawall and Docks project. He provided up to three conceptual plans for the improvement of the Marine Way corridor, which included the following improvements: roadway to access the residential lots, new seawall, sidewalk, docks, underground utilities, lighting, signage, landscaping, and connection to the Atlantic Avenue bridge on the north and the City marina to the south. WGI performed the following services and presented three conceptual plans to the various stakeholders that were amenable to the local residents, business owners, property owners, and the City Commission. In addition, at the end of Phase 1 of the scope of services, WGI presented a design to the City that met regulatory requirements and addressed the City's and local stakeholder's expectations.

Seacrest Corridor Utility Improvements Phase II Design-Build, Palm Beach County, FL, City of Boynton Beach, Project Engineer. Stephen was a project engineer for this neighborhood infrastructure improvement project that included 60,000 linear feet of water main replacement, moving rear yard services and meters to front yards, 5,000 linear feet of stormwater system upgrades, pavement reconstruction and overlay, roadside swales, driveway aprons, and sidewalks over a 50-block residential neighborhood covering 252 acres. A critical 6,500 linear feet sanitary sewer force main connection was also designed and installed that provided connectivity of the City's sanitary sewer system across the FEC Railroad and Intracoastal Waterway to the barrier island. Installation of the six-inch to 10-inch diameter water and force main utilized a combination of open cut, horizontal directional drill, jack and bore, and pipe bursting construction methods.



**Stephen
Cherry, PE**

REGISTRATIONS:

Professional Engineer:
Florida #83268, 2017

Professional Engineer:
Hawaii #PE-18263, 2018

EDUCATION:

Bachelor of Science, Civil
Engineering - University of
Central Florida, 2011

AFFILIATIONS:

Florida Engineering Society,
FES # 9020178

YEARS OF EXPERIENCE

TOTAL: 8

WITH WGI: 8



PROJECT MANAGER • STRUCTURAL ENGINEERING

Chris is a project manager and senior project engineer at WGI. He is experienced in structural engineering, including performing design, condition assessments, and observing construction of buildings, bridges, piers, retaining walls, seawalls, and pump stations. Chris also performs plan reviews for hurricane resiliency and vulnerability.

RELEVANT EXPERIENCE

Pompano Beach Fishing Pier Replacement Project - CEI Services, Broward County, FL, City of Pompano Beach, Project Manager. Chris provided structural engineering, special resident inspections, and construction phase services to the City of Pompano Beach for design of an 864-foot-long replacement-fishing pier. Design of the pier walkway forms a circle around a bait shop and continues east. The walking surface is approximately 20-feet wide up to the mean high water mark. Beyond the mean high water line, the deck widens to 30 feet to the east end of the pier. In lieu of the previous octagonal shaped end, the structure was designed to represent the head of a pompano fish, similar to the City's logo. The walking surface deck was constructed utilizing concrete beams and wood decking. 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 included lighting on the pier, which meets requirements for sea turtle-friendly lighting, along with environmental education signs.

Coral Springs Drive Bridge Assessment, Broward County, FL, City of Coral Springs, Project Manager. Chris conducted a site visit and provided an engineering assessment including a statement regarding the stability of the bridges, due to impact as a result of lowering the canal bottom. Chris performed analysis of the Coral Springs Drive bridges 864005 and 864006.

Coral Springs Improvement District Hurricane Hardening Condition Assessment Pump Station 1 and 2, Broward County, FL, City of Coral Springs, Project Manager. Chris performed a hurricane hardening condition assessment of two storm water pump stations with a physical walk-through at pump stations 1 and 2. The assessment targeted building components which may be of concern during hurricane force wind events. These vulnerable components were identified, prioritized, and listed in a tabular form for each building with a recommendation. Engineering was performed to detail the recommended hurricane hardening and hardening repair plans were generated.

Lake Worth Water Treatment Plant Safety Upgrades, Palm Beach County, FL, City of Lake Worth Beach, Project Manager. Chris conducted site visits to verify the existing conditions and document areas of concern related to safety and hurricane hardening. Hazards ranged from inadequate hand/guard railing to trip hazards, replacement or removal of non-compliant stairs, and installation of fall protection. A map of the water treatment plant facility was developed by use of existing CAD files, as-built drawings in Adobe PDF images, or a combination of both to depict the locations of each identified hazard and the mitigation of the hazard. In addition to the safety upgrades, Chris detailed the enclosure of an open walkway between the R/O and Lime Buildings and provided details for impact resistant walls for the generator louvers at the R/O and Lime Buildings. The walkway enclosure consisted of electrically operated coiling rollup overhead doors between existing columns. The protective walls for the generators are a combination of free standing masonry walls and aluminum frame and plating.

Coontie Hatchee Park Kayak Launch, Broward County, FL, City of Fort Lauderdale. Structural Engineer. The City of Fort Lauderdale renovated the Coontie Hatchee Landing Park to create a canoe/kayak launch and beach area. The project entailed removing sections of the existing seawall adjacent to the South Fork New River, creation of a mangrove island in the location of the existing seawall, and creation of a beach launching and landing area for canoes and kayaks. Chris's roles included the review of geotechnical investigation, site evaluation, design services, construction document preparation, and coordination of permitting.



Christopher (Chris) LaForte, PE

REGISTRATIONS:

Professional Engineer:
Florida #76797, 2013

Professional Engineer:
Michigan #60389, 2013

Professional Engineer: South
Carolina #35798, 2018

EDUCATION:

Master of Science, Civil
Engineering - Structural -
Michigan Technological
University, 2006

Bachelor of Science, Civil
Engineering - Structural -
Michigan Technological
University, 2005

AFFILIATIONS:

Florida Engineering Society

YEARS OF EXPERIENCE

TOTAL: 13

WITH WGI: 13



PROJECT MANAGER ▪ SURVEY ▪ MAPPING AND SUE



Jim has more than 23 years of experience in land surveying and has been a registered surveyor since 2008. He is a senior project manager for all phases of geospatial services offered by WGI. Jim is experienced in managing a full department of staff and projects simultaneously and his responsibilities include project management of abstracting for title, control surveys, construction staking, boundaries, easements (sketch/legal descriptions), hydrographic surveys, laser scanning, plat/plan review, platting, right-of-way acquisitions, topographic surveys, and GIS services. He brings insight to projects by assessing a project site for possible conflicts or potential needs, based on the project's intended use. He works closely with clients to communicate project status to meet budget and schedule, while addressing specific needs as the project progresses.



**Jim
Sullivan, PSM**

RELEVANT EXPERIENCE

Florida Keys Wildlife and Environmental Areas Johnson Parking lot Improvements, Monroe Emergency Force Main Rehabilitation, Broward County, FL, City of Fort Lauderdale, Senior Project Manager. Jim was responsible for providing a topographic survey, hydrographic survey, submerged land easement, baseline staking, and as-built surveys over and around Tarpon River to replace or repair a recent force main burst. Four miles of existing force main was included in this rehabilitation. This main line, built prior to 1970, carried one-third of the City's sewage to the treatment plant. This break occurred during the rainy season and caused an overflow into sidelines and public streets. Millions of dollars were spent to vacuum existing structures and pump to functioning lines. Jim managed to mobilize crews within 24 hours of being notified. More than 40 points were established and controlled with redundant GPS measurements and digital levels to ensure the accuracy of the topographic survey.

Mizell Johnson State Park Boardwalk, Broward County, FL, Florida Department of Environmental Protection, Senior Project Manager. Jim conducted a survey of the existing 450-foot boardwalk from the edge of the inlet. Limits of the topo were from fence line extending 30 feet outwardly towards the shore. The survey consisted of general ground elevation shots and breaks in grade with intervals exceeding 50 feet. Florida Department of Environmental Protection (FDEP) has requested WGI provide survey and engineering services for the design and permitting of an approximately 450-foot elevated wooden boardwalk.

Village of Royal Palm Beach Canal Survey, Royal Palm Beach, FL, Village of Royal Palm Beach, Senior Project Manager. Jim worked with Village engineers to develop a plan to survey over 14.5 miles of Village maintained canals to evaluate the need to clean and dredge the system. Jim collected over 128 cross sections as well as 167 pipe outfalls during this survey. The cross sections included locations taken every five feet along the canal bottom and a measurement of the depth of muck was obtained. Final deliverables included a surveyor's report and CADD drafted cross sections for the engineers to design.

Village of Palm Springs Park Connector Pathway Phase 1, Palm Beach County, FL, Village of Palm Springs, Project Manager. Jim provided design survey services, which included establishing the historical right-of-way and a baseline survey. WGI provided landscape architecture, geospatial, and electrical design services for Phase 1 of the Village of Palm Springs Park Connector Pathway project. This phase consists of the southern side of Alameda Drive, from Davis Road to the intersecting sidewalk, approximately 1,400 feet east of Davis Road.

Matheson Hammock Park - Atoll Pool Renovation, Miami-Dade County, FL, Miami-Dade County, Phase Manager. Jim was the phase manager for geospatial. Miami-Dade County Parks, Recreation and Open Spaces has selected WGI as lead engineer for the restoration of the coveted Matheson Hammock State Park from the aftermath of hurricane Irma in 2017 and Michael in 2018. WGI services included civil design for the restoration of the pathway and roadway, Structural design of the rock breaker wall and culvert replacement, geospatial investigation of existing conditions, MEP design of the atoll pool's aeration pump, and environmental services for permitting.

REGISTRATIONS:

Professional Land Surveyor:
Texas #6036, 2008

Professional Surveyor/Mapper:
Florida #LS6889, 2012

Professional Land Surveyor:
North Carolina #L5064, 2012

Professional Land Surveyor:
Louisiana #5116, 2014

Professional Surveyor/Mapper:
Ohio #PS8655, 2014

EDUCATION:

Bachelor of Science, Surveying
and Mapping - East Tennessee
State University, 2002

AFFILIATIONS:

Florida Atlantic University
Program Advisory Council
Florida Surveying and Mapping
Society
National Society of Professional
Surveyors
Society of American Military
Engineers

YEARS OF EXPERIENCE

**TOTAL: 23
WITH WGI: 2**



PROJECT MANAGER • URBAN AND COMMUNITY PLANNING

Kristen is a senior project manager specializing in urban planning, community outreach, development services, public speaking, and leadership. Her planning experience includes development review, transportation, writing and revising comprehensive plans, community redevelopment area plans, and land development regulations. She is a relationship builder with an eye for projects from all angles based on her experience in municipal planning and private sector consulting. Kristen has consistent success implementing planning processes that align with projected trends to promote sustainable growth and redevelopment. She is active in professional associations and engaged in multi-disciplinary learning and sharing for continued professional growth.

RELEVANT EXPERIENCE

Community Redevelopment Area Osceola Park Neighborhood Plan Update, Palm Beach County, FL, City of Delray Beach, Senior Planner. Kristen provided her technical knowledge for the Delray Beach Osceola Park Community Redevelopment Area Neighborhood Plan update. The goal of this project was to determine if the current redevelopment strategies and development standards were still applicable, and to propose new neighborhood improvement actions, and redevelopment projects. Deliverables included a site inventory and analysis and an update to the Osceola Park Redevelopment Plan.

Major Thoroughfare Design Guidelines, Palm Beach County, FL, City of Lake Worth, Senior Planner. In coordination with the urban design team, Kristen assisted in the preparation of a site inventory and analysis report, researched City policies and regulations, and provided quality assurance/quality control on the design guidelines document.

Mobility Fee, Miami-Dade County, FL, City of Miami Beach, Senior Planner. In coordination with the transportation engineering staff, Kristen reviewed the comprehensive plan and land development regulations to prepare changes reflecting a new "mobility fee" in place of transportation concurrency. In addition, she prepared a memo of parking reduction strategies suitable for Miami Beach and drafted the ordinance to revise the land development regulations for implementation of the mobility fee.

Impact Fee Review, Miami-Dade County, FL, City of Miami Gardens, Senior Planner. Kristen reviewed the City's current impact fee program in accordance with the 2019 Florida statutes. She developed recommendations for utilizing current fund balances and recommended studies needed to develop a rational nexus for future fee increases.

Building Permit Fee Review, Miami-Dade County, FL, City of Miami Beach, Senior Planner. Kristen reviewed and prepared recommendations to the fee structure associated with issuance of the City's building permits and permitting process. This project engaged stakeholders from the development community and City staff to balance the needs of the applicants and the internal arrangements within multiple departments at the City of Miami Beach.

Comprehensive Plan Update, Broward County, FL, City of Lauderdale Lakes, Senior Planner. To update the future land use and the recreation and open space elements of the City's comprehensive plan, Kristen assisted in the community outreach efforts and conducted surveys of residents. She also prepared BrowardNEXT-compliant revisions to the goals, objectives and policies, as well as updates to the data and analysis. The plan was streamlined with policies to create redevelopment sites.

Historic Preservation Fund, Miami-Dade County, FL, City of Miami Beach, Senior Planner. Kristen worked with City staff and the Miami Design Preservation League to develop framework for grants to assist in preservation efforts and resiliency improvements to structures in the City of Miami Beach. Tasks included preparation of recommendations and presentations to the finance committee and Miami Beach City Commission.

Land Development Regulations Update, Miami-Dade County, FL, Town of Cutler Bay, Senior Planner. Supporting the Town's planning and zoning division, Kristen led a team to revise architecture and form standards in the land development code.



**Kristen
Nowicki, AICP**

REGISTRATIONS:

American Institute of Certified Planners: #023382, 2007

EDUCATION:

Master of Arts, Urban and Regional Planning - University of Florida, 2007

Bachelor of Science, Environmental Science - University of Florida, 1998

AFFILIATIONS:

APA Broward Section (Chair)
American Planning Association
American Planning Association Florida Chapter, Executive Committee Member

YEARS OF EXPERIENCE

TOTAL: 19

WITH WGI: <1



William has vast experience in construction management for major power plant, airport, high-rise buildings, highway, and municipal construction projects. He is accomplished in construction administration, resident engineering/inspection services, and implementation of project procedures and programs for heavy civil, mechanical, and electrical construction projects. William managed all phases of construction for USEcoGen Polk Generating Facility, including site development, permitting, engineering, procurement, and physical construction activities. During development, he teamed with USEG's developers to manage the EPC contracting, O&M contracting efforts, coordination of permits with ACOE, FWC, and local City of Fort Meade City Manager and planning.



**William
Needle, CS**

RELEVANT EXPERIENCE

Resource Biomass LLC, Palm Beach County, FL, Biomass Aggregation Company, Vice President of Construction. William managed all phases of construction for Resource Biomass. His responsibilities included site development, engineering, procurement, and physical construction activities. During project development, workstreams included coordination with Florida EcoPark LLC, engineers, subcontractors, and legal teams for the development and implementation of a farm plan and soil augmentation pursuant with Florida State Law Right to Farm Act. William perform due diligence to permit sites to build 100,000 MT pellet facility pursuant with MOU signed with BioEndev LLC. He coordinated site selection with the Port of Manatee and the Bradenton Area Economic Development Corporation for the storage of 100,000 MT black pellets and the construction of 100,000-300,000 MT pellet facility.

CEI Services for City Marina, Palm Beach County, FL, City of Delray Beach, Project Manager. As the project manager for CEI services, William prepared construction documents for repair and replacement of the concrete seawall and cap for replacement of the finger piers at the City of Delray Beach Marina.

Wastewater Collection System and Water Distribution Improvements, Plymouth County, MA, City Point Partners LLC, Resident Engineer. William represented the Town of Scituate for the construction of gravity wastewater inter. His duties included controlled construction over site, inspection of the work for conformance to the contract documents, quality assurance and safety issues, interceptors, collectors, lateral low pressure wastewater interceptors and water main, and appurtenances.

Washington Dulles International Airport, Washington, D.C., DMJM Aviation, Contracting Officer's Technical Representative. William represented Parson Management Consultants for the redevelopment of the Washington Dulles International Airport. He was assigned to a \$1.1M vehicle wash facility project, a \$2M expansion joint replacement in front of the main terminal, and a \$1M alternate central control facility for the automated people mover (APM). William's responsibilities included administration of the contract between the contracting officer and contractor. His duties included chairing weekly progress meetings, review and preparation of change notices, requisitions, schedule, quality, and safety issues. William oversaw staff of various inspectors and office engineer to ensure their assigned duties were achieved, interfaced with the task manager/AE during the development of the construction documents, implement design changes, and coordinated with the authorities' code department and onsite-testing agency for PMC.

Terminal A Redevelopment Project Logan International Airport, Suffolk County, MA, Delta Airlines, Resident Engineer. William was the resident engineer who represented Delta Airlines for the Terminal A Redevelopment project consisting of a \$33M landside arrival and departure roadway and utilities project that connected to the new Terminal A and existing airport roadways and utilities. William also assigned to \$5M Delta Crown Rooms. These projects are components of Delta Airline's \$395M demolition and reconstruction of Terminal A at Boston Logan International Airport. Specific responsibilities included representing Delta Airlines in weekly progress meetings, quality control, and any other relevant meetings as well as monitoring cost, reviewing C.O. requests, requisitions, schedule, and safety issues. Interfaced with the CM/AE developing and implementing design changes. Coordinated with the CM and onsite-testing agency for Delta.

REGISTRATIONS:

Construction Supervisor
Massachusetts 066577

EDUCATION:

Bachelor of Science
Civil Engineering Technology
Wentworth Institute of
Technology, 1980

CERTIFICATIONS:

OSHA 10-Hour Construction

**YEARS OF EXPERIENCE
TOTAL: 36 WITH WGI: 1**



PROJECT MANAGER • TRANSPORTATION ENGINEERING

John has diverse transportation experience, including project management, project development and environment (PD&E) studies, design feasibility studies, final roadway and structural design, coastal and marine structural and program management support, design-build owner's representative for RFP and design criteria development and management, and design-build teaming and management. John is proficient in project management, scope and staff hour development, scheduling, and progress reporting on roadway design contracts. As senior project manager, his current general duties include overseeing and/or assisting with the production of transportation projects, progress reporting, financial status, and schedules.

RELEVANT EXPERIENCE

City of West Palm Beach - Transportation Engineering and Planning Consultant Services, Work Authorization 1 - On Site Support, Palm Beach County, FL, City of West Palm Beach, Project Manager. John created scope and fee packages, negotiated staff hours and fees, managed task assignments, created task schedules, managed invoicing, and provided management services. Under a master contract with the City for transportation engineering and planning consultant services, a WGI staff member provided on-site support and assisted the City staff with various transportation engineering and planning needs. These services were on an "as needed" basis as determined by the City's engineering department. General tasks varied from designing a maintenance of traffic plan for an event to providing grades for an intersection, independent site visits, and coordination with different offices throughout the City. Duties included the monitoring, design, execution, and coordination of many City projects.

Seminole Hard Rock Casino Traffic, Broward County, FL, Seminole Tribe of Florida, Project Engineer. John evaluated several interchange configurations and completed a detailed cost analysis associated with each alternative. The major expansion of this entertainment facility in Hollywood included very complex transportation issues. These issues included dealing with very heavy congestion at the main roads connecting to the Hard Rock facility and investigating ways to mitigate management of the very heavy influx and discharge of traffic, particularly before and after major events such as concerts. Services included estimating the future number of parking spaces required (estimated at 14,000 for the Hollywood facility) and investigating and recommending onsite garage layouts to facilitate rapid, but safe, processing of entering and exiting traffic. Numerous interchange alternatives were also developed to connect the Hard Rock in Hollywood to the Florida's Turnpike to accommodate the large volume of entering and exiting traffic volumes.

Bicentennial Park Seawall Stabilization, Miami-Dade County, FL, City of Miami, Project Manager. John was responsible for preparing the bid package, inclusive of specifications and the criteria package. In addition, he served as structural engineer responsible for the Bicentennial Park Seawall investigation and design-build services. The project initially involved investigating the condition and causes of lateral seawall deflection and proposing recommendations for repair. Following this investigation, design-build services provided for the City, included reviewing design submittals, shop drawings, requests for information, and providing miscellaneous engineering consultation.

Banyan Boulevard Improvements from Tamarind Avenue to Olive Avenue - Phase I, Palm Beach County, FL, City of West Palm Beach, Project Manager. John completed an existing conditions assessment and alternatives analysis. The City of West Palm Beach is embarking upon a transformation of the Banyan Boulevard corridor from Tamarind Avenue to Olive Avenue. With proper execution, this project will transform this roadway from what has historically been considered a dividing line between the northwest neighborhoods and the northern border of downtown West Palm Beach into a highly visible gateway into the downtown business district. To accomplish this task, the scope of services included urban planning and design, traffic engineering and transportation planning, public outreach, topographic survey, geotechnical testing, signalization modification, photometric and lighting design, roadway design, construction sequencing, landscape architecture, and minor utilities adjustments.



**John
Cerreta, PE**

REGISTRATIONS:

Professional Engineer: Florida
#53992, 1999

EDUCATION:

Master of Science, Structural
Engineering - University of
South Florida, 1997

Bachelor of Science, Civil
Engineering - University of
South Florida, 1994

CERTIFICATIONS:

Advanced Maintenance of
Traffic

AFFILIATIONS:

American Society of Civil
Engineers

American Society of Highway
Engineers

Florida Engineering Society

National Society of Professional
Engineers

YEARS OF EXPERIENCE

TOTAL: 27

WITH WGI: 4



PROJECT MANAGER • ENVIRONMENTAL

John has diverse experience in environmental consulting, including environmental planning, permitting, wetland mitigation, wildlife surveys, contamination remediation, and environmental compliance. He has been a project manager on multi-million dollar environmental projects and worked on land development, transportation, and environmental restoration projects throughout Florida, including in marine and coastal areas, Everglades, Lake Okeechobee, Florida Keys, agricultural areas, and urban development areas. For more than five years, he served as project manager and environmental technical lead on a Southwest Florida Water Management District (SFWMD) general engineering contract.

RELEVANT EXPERIENCE

Bill Keith Preserve Shoreline Restoration, Palm Beach County, FL, City of Fort Lauderdale, Environmental Scientist. John conducted a benthic survey and provided oversight of the environmental planning and permitting of this project. The City engaged WGI to create a shoreline protection zone along the southern extent of the Bill Keith Preserve Park adjacent to the New River. The shore protection was approximately 750 lineal feet and periodically separated to allow navigation for canoes, kayaks, paddleboards, and other small vessels. The New River is a deep navigable channel with depths to 15 feet. The shoreline protection consisted of an alternating, offset, curved rip-rap groin structure in combination with a steel sheet pile toe wall, for stabilization adjacent to the navigation channel. With the addition of the groin structure, WGI recognized that sediment depositions and the groin-shoreline water quality would be affected. As part of the shoreline protection project, sediment transport, incipient wave and channel flushing analysis of the groin impacts was performed. Through the distinct yet simple geometry of the breakwater, WGI was able to mitigate the anticipated shore erosion while maintaining the crucial environmental flushing needed for continued water quality.

Ahfachkee School Environmental Assessment, Big Cypress Seminole Indian Reservation, Broward County, FL, Seminole Tribe of Florida, Project Manager. John was the project manager and technical lead for the assessment of natural and cultural resources. WGI prepared a NEPA environmental assessment (EA) for a proposed major change to the configuration of the school. The EA included analyses of traffic, land use changes, water quality, wildlife, noise, cultural resources, socioeconomics, contamination, and other factors.

Wetland Mitigation at WRA4 and SA4, Big Cypress Seminole Indian Reservation, Broward County, FL, Seminole Tribe of Florida, Project Manager. John conducted wetland monitoring for the 2016 wet season. The wetland monitoring included a science-based vegetation inventory and calculations of species richness and diversity. To comply with the permits, the project included a detailed quantitative assessment of the long-term changes to native and invasive vegetation.

SR 7 (US 441) Widening Design-Build from Fillmore Street to South of Stirling Road, Broward County, FL, FDOT District 4, Environmental Scientist. John prepared the contaminated soil management plan to address soil and groundwater contamination during construction. The project was complicated by the numerous gas stations, dry cleaners, and associated soil and groundwater plumes in the area. This \$32M design-build project increased capacity and improved safety by widening a 2.1-mile section of SR 7, converting it from a five-lane section with center turn lane to a six-lane divided urban arterial section. Other improvements included installation of a new stormwater management and collection system, sanitary sewer, two 12-inch water mains, lateral connections, and other associated features. Right-of-way acquisition for over 40 separate parcels was required for these improvements.



**John
Abbott, PG, CEP**

REGISTRATIONS:

Professional Geologist: Florida
#PG2401, 2005

EDUCATION:

Master of Science, Geology -
New Mexico Tech, 1995
Bachelor of Science, Geology -
Virginia Tech, 1992

CERTIFICATIONS:

Certified Environmental
Professional
Construction Quality
Management for Contractors
FDEP Stormwater Management
Inspector
Florida Boater Education
Certificate
Florida Boating Safety
Education ID Card
FWC Authorized Gopher
Tortoise Agent
OSHA 30-Hour Construction
Safety and Health

YEARS OF EXPERIENCE

**TOTAL: 24
WITH WGI: 5**



Amy is WGI's GIS manager and has experience working as a GIS supervisor, analyst, and environmental scientist. She is responsible for managing GIS systems, field data collection, analyses, and deliverables, and is a certified Geographic Information Systems Professional (GISP). Amy has project experience with state, county, municipal, and private clients, including creation of real-time mobile applications for data collection; web mapping and applications for cloud-based solutions; geodatabase design; spatial statistics; GIS reporting for strategic planning and program implementation; coordination with staff, clients, and agencies; and overseeing quality assurance/quality control of all GIS products. She has experience with transportation, geospatial, environmental, planning, and parking studies.



Amy
Hunter, GISP

RELEVANT EXPERIENCE

GIS Consulting Services, Palm Beach County, FL, Village of Palm Springs, Project Manager.

Amy oversees all GIS activities and assignments, provides quality control, and supervises an in-house GIS technician. The scope of work on this continuing services contract includes mapping; management of data repository, creation of web applications, and training for the planning, zoning and building, public works, utilities, parks and recreation, police, library departments and divisions.

Jefferson Terminal District Parking Use Study, Palm Beach County, FL, City of West Palm Beach, GIS Analyst. Amy was responsible for GIS mapping for the Jefferson Terminal District parking study performed for the City of West Palm Beach. The City was seeking redevelopment options for this industrial district. The study led to a formal visioning process, where stakeholders identified parking as an important consideration for redevelopment and the relationship between parking supply and potential land uses was analyzed. The scope of work included parking inventory, GIS mapping, land use/parking ratio analysis, and a parking capacity analysis.

Transportation Planning and Traffic Engineering Services for Biscayne Boulevard, Miami-Dade County, FL, City of Miami, GIS Analyst. Amy was responsible for GIS mapping for a lane elimination analysis of Biscayne Boulevard, from SE 1 Street and NE 6th Street in downtown Miami. The City evaluated possible changes to eliminate lanes of traffic in each direction of Biscayne Boulevard to increase multimodal safety, operations, and connectivity, using a complete streets approach. This study was designed to enhance previous studies to support the best solutions in meeting the transportation needs of all users of the corridor, and solidify plans to repurpose/redesign Biscayne Boulevard into a pedestrian promenade, enhancing pedestrian safety and connectivity to Bayfront Park and downtown Miami, as well as on-street parking, and an off-street bicycle facility. Additional services included project management, parking analysis, utilities, right-of-way, and landscape architecture.

Doral Parking Demand Study, Miami-Dade County, FL, City of Doral, GIS Analyst. Amy was responsible for the GIS mapping for this parking demand study that included analysis of existing parking conditions, background data, parking inventory surveys, occupancy observations, parking planning, management, and operational analysis. Parking demand scenarios which compared the projected parking demands against the existing supply of spaces were also determined. The analysis identified parking deficiencies and large parking generators.

Brightline Zone 2 - Rail Infrastructure, Orange County, FL, Brightline (Virgin Trains USA) , GIS Analyst. Amy was responsible for the GIS mapping on this 3.5-mile new alignment connecting Central and South Florida as part of the expansion of the Brightline passenger rail system between Orlando and West Palm Beach. WGI provided environmental permitting support during construction of the 28-month project through the Orlando International Airport. Project tasks included protected species surveys, preparation of application documents for a gopher tortoise relocation permit from the Florida Fish and Wildlife Conservation Commission (FWC), oversight of backhoe excavation, and relocation of captured gopher tortoises to an approved off-site recipient area. The project required extensive access management coordination and strict adherence to FAA safety requirements. All project tasks were completed on time and in accordance with FWC permit guidelines.

EDUCATION:

Bachelor of Science,
Environmental Studies -
University of Central Florida,
2015

CERTIFICATIONS:

FWC Authorized Gopher
Tortoise Agent
Geographic Information
Systems Certificate

YEARS OF EXPERIENCE

TOTAL: 13
WITH WGI: 2



PROJECT MANAGER ■ LANDSCAPE ARCHITECTURE

Cheryl is a trilingual (English, Spanish, and French) professional designer and project manager with extensive experience. Her experience includes designing and managing the construction of multiple high-profile urban projects, as well as designing numerous streetscapes, private and municipal projects, and large-scale roadway beautification and gateway projects in Florida. Cheryl provides her expertise in all aspects and stages of the design process, production and construction, focusing on implementing green practices, and techniques. In addition, Cheryl aids with the quality assurance and quality control of deliverables.

RELEVANT EXPERIENCE

Sara Sims Park, Palm Beach County, FL, City of Boynton Beach, QA/QC Officer. Cheryl was the quality assurance/quality control officer for the conceptual design for the redevelopment of Sara Sims Park in downtown Boynton Beach. Sara Sims Park was a 12-acre, blighted park in one of the City's poorest neighborhoods, named in honor of a well-known community activist from the early 1900s. The park included a number of passive and active recreational activities, including walking trails, basketball courts, and a children's playground, all of which had fallen into disrepair. The park is also part of the City's Cemetery Heritage Trail. WGI's scope of work included development of a park conceptual site plan, as well landscape and irrigation improvements. Additional improvements included an incremental fitness trail, parking lighting and signage, pavilions, and other amenities.

Betty Mae Jumper Medical Facility, Broward County, FL, Seminole Tribe of Florida, Landscape Architect. Cheryl served as the landscape architect for this project. The 4.4 acre, 40,000-square foot Betty Mae Jumper Medical Complex will serve as the primary medical treatment facility for the Tribe's Hollywood Reservation and as an essential services building in the event of emergency. The complex included an emergency generator, 180 parking spaces, two to three car pharmacy through area, truck loading area, trash collection enclosure, and two large wet retention ponds. WGI provided architectural, planning, civil engineering, landscape architecture, geotechnical exploration, structural engineering, mechanical, electrical, and plumbing design for this project. Additionally, WGI provided construction plan preparation, permitting, and construction phase services.

Alternate A1A Beautification, Palm Beach County, FL, City of Palm Beach Gardens, QA/QC Officer. Cheryl was the quality assurance/quality control officer for this project, which provided the City of Palm Beach Gardens with design services and grant assistance for the beautification of a one-mile segment of Alternate A1A from the Earman Canal to Burns Road. This project is a follow up to a successful grant awarded to the City from FDOT in which WGI was instrumental in developing the grant documents, renderings, and cost estimates. Design services included providing landscape and irrigation enhancements to the medians and shoulders of Alternate A1A throughout this section, along with traffic control plans.

Priscilla Sayen Way Multi-Family Development - Phase II, Hollywood Reservation, Broward County, FL, Seminole Tribe of Florida, Landscape Architect. Cheryl was the landscape architect for Phase 2 of the Priscilla Sayen Way multi-family building located within the Hollywood Reservation of the Seminole Tribe of Florida. Services for this project include civil engineering, landscape architecture and environmental. In addition, WGI will be overseeing geotechnical engineering, site lighting, architecture, structural engineering, and MEP engineering services for the project.

Girl Scout Park Master Plan, Palm Beach County, FL, City of Boynton Beach, Phase Manager. Cheryl was the phase manager for the master plan for this .5-acre park in Boynton Beach, Florida. The park is frequently used by the City and the Girl Scouts of America Club for events. Park improvements included a kayak launch, pavilions, trails, and site amenities as well as landscape, irrigation, and lighting improvements.



**Cheryl
Callender, PLA,
SITES AP**

REGISTRATIONS:

Professional Landscape Architect
Florida LA6667177, 2014

EDUCATION:

Bachelor of Science Architecture
University of Panama, 1997
Master of Landscape Architecture
Florida A&M University, 2006

CERTIFICATIONS:

ISA Certified Arborist
LEED Green Associate

SITES AP

AFFILIATIONS:

American Society of Landscape Architects
United States Green Building Council

YEARS OF EXPERIENCE

TOTAL: 19 WITH WGI: 4



PROJECT MANAGER • COMMUNITY OUTREACH

Sophia has more than 20 years of experience in public involvement, public relations, business development strategies, and events management. She specializes in developing and implementing strategic marketing plans, building community alliances, and public involvement. Sophia has worked for the Florida Departments of Transportation and Environmental Protection; Florida Consortium of Urban League Affiliates; South Florida Water Management District; AACEOM; the Cities of West Palm Beach, Pahokee, Delray Beach, Riviera Beach, Ft. Lauderdale, Overtown, and Lake Worth Beach; as well as major county projects such as the Palm Beach Outlets and the Palm Beach County Convention Center Hotel.

RELEVANT EXPERIENCE

Boynton Beach Town Square, Palm Beach County, FL, City of Boynton Beach, Public Outreach. For this unique public-private-partnership, Sophia was team lead on both public involvement activities and the Boynton Beach Building Wealth program, designed to encourage local hiring. The entire downtown is being recreated.

Allegro Boca, Palm Beach County, FL, City of Boca Raton, Public Outreach. This project required community involvement and acceptance for a new senior living facility. Sophia provided quality control on all SAN activities.

Riviera Beach Housing Authority, Palm Beach County, FL, City of Riviera Beach, Public Outreach. As the S/M/WBE, community outreach, and labor force tracking lead, Sophia is currently responsible for managing the local preference and local hiring initiative and coordination of community outreach events such as local force job fairs and prime/subcontractor outreach meetings.

Palm Beach Convention Center Hotel, Palm Beach County, FL, City of West Palm Beach, Public Outreach. As the S/M/WBE, community outreach, and labor force tracking lead, Sophia was responsible for managing the local preference and hiring initiative and coordination of community outreach events such as labor force job fairs, prime/subcontractor outreach meetings, and prime and subcontractor website creation for hiring and work-related tracking.

Palm Beach Outlet Mall Development, Palm Beach County, FL, City of West Palm Beach, Public Outreach. As the public relations, event management, S/M/WBE, and community outreach lead, Sophia was responsible for managing the local preference and local hiring initiative, coordination of community outreach events, media placement, promotions, and public relations activities.



**Sophia
Nelson**

EDUCATION:

PhD Candidate (Abd),
Walden University

Master of Science, University
of Alabama

Bachelor of Science,
Bethune Cookman University

YEARS OF EXPERIENCE

TOTAL: 20



PROJECT MANAGER ■ GEOTECHNICAL

Mark has over 25 years of experience in the construction industry. He has extensive experience in project management for all phases of construction. His expertise includes geotechnical engineering, environmental engineering, construction materials testing, building inspections, and roof testing/inspections. Under geotechnical engineer, he has extensive experience in soil exploration and design of deep and shallow foundation systems in all types of soils for projects ranging from swimming pools, multi-story buildings, roadway, ports, and airport projects. He also has experience in ground modifications including but not limited to vibro-flotation, vibro-replacement (stone columns), deep dynamic compaction, and pressure grouting. His deep foundation experience includes monitoring/inspection of auger cast piles, helical piles, pin piles, drilled shafts/caissons, and pile load testing.



**Mark
Mesiano, PE**

RELEVANT EXPERIENCE

Pompano Downtown Connectivity Project, Broward County, FL, City of Pompano Beach, Geotechnical Engineer. This project included two phases of geotechnical and hydrogeological exploration (SPT borings, exfiltration tests, auger borings) and laboratory testing (LBRs, organic content, sieve analysis, etc.) for new roadway widening, pipe beddings, drainage design, temporary shoring design, and dewatering.

Port Everglades Southport Container Yard, Broward County, FL, City of Fort Lauderdale, Geotechnical Engineer. This project included three phases of geotechnical and hydrogeological exploration (SPT borings, exfiltration tests, auger borings) and laboratory testing (LBRs, atterberg limits, organic content, sieve analysis, etc.) over two years for site development, structures/facilities, roadway, and drainage.

Honey Hill Drive, Broward County, FL, City of Miramar, Geotechnical Engineer. This project included geotechnical and hydrogeological exploration (SPT borings and exfiltration tests) for proposed roadway expansion.

American Generator Services Warehouse, Broward County, FL, City of Davie, Geotechnical Engineer. This project included geotechnical exploration (SPT borings and foundation recommendations) for proposed warehouse building.

SW 13th Street and Flamingo Road Residences, Broward County, FL, City of Davie, Geotechnical Engineer. This project included geotechnical exploration (SPT borings and foundation recommendations) for four single-family residential homes.

Village at Crystal Lakes Commercial Buildings, Broward County, FL, City of Deerfield Beach, Geotechnical Engineer. This project included geotechnical and hydrogeological exploration (SPT borings and exfiltration tests) for proposed four multi-story commercial buildings.

Parkland Bay Lake Reclamation, Broward County, FL, City of Parkland, Geotechnical Engineer. Mark was responsible for project management and quality assurance for the City of Parkland for converting an existing lake into residential home sites including oversight of dredging, surcharging to consolidate silt layers, wick installation, and settlement plates.

Carter Building, Palm Beach County, FL, City of Delray Beach, Geotechnical Engineer. This project included geotechnical exploration (SPT borings and foundation recommendations) for proposed multi-story commercial building over parking.

Plantation Oaks Elementary (School "Z"), Clay County, FL, Geotechnical Engineer. Mark perform geotechnical exploration (SPT borings and foundation recommendations) for a new elementary school site.

Hotel Indigo, Duval County, FL, Project Manager. Mark was project manager of construction for new hotel including monitoring of ground modifications (vibro-replacement/stone columns) foundations.

Crosstown Parkway Extension, Saint Lucie County, FL, Project Manager. Mark was project manager for construction materials testing including of onsite monitoring of pile driving at I-95 overpass.

REGISTRATION:

Professional Engineer,
Florida #48202

EDUCATION:

Bachelor of Science, Civil
Engineering - University of
South Florida, 1990

Certifications:

Florida DOT Pre-stressed
Concrete Inspector
Radiation Safety Officer and
Instructor, PSI, Inc.
Structural Masonry
Nuclear Gauge Training and
Safety, Earthworks
Instrumentation, Inc.

YEARS OF EXPERIENCE

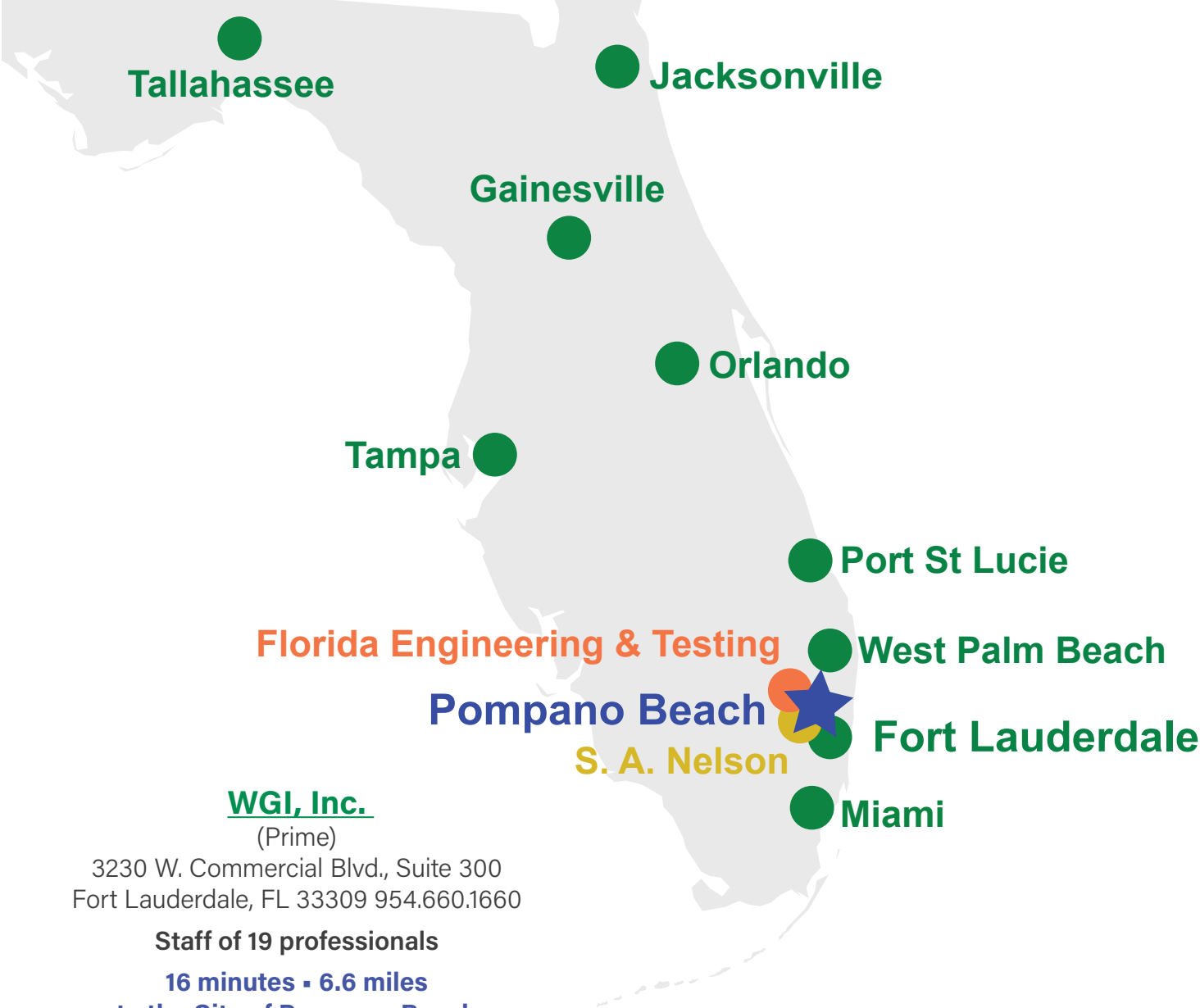
TOTAL: 25



OFFICE
LOCATIONS



OFFICE LOCATIONS



WGI, Inc.
 (Prime)
 2035 Vista Parkway
 West Palm Beach, FL 33411
 561.687.2220
Staff of 214 professionals

Florida Engineering & Testing, Inc.
 (Geotechnical)
 250 S.W. 13th Avenue
 Pompano Beach, FL 33069
 954.781.6889
Staff of 13 professionals

S.A. Nelson & Associates
 (Public Outreach)
 10385 Ironwood Road #134
 Palm Beach Gardens, FL, 33410
 561.247.4584
Staff of 2 professionals



pompano
beach[®]
Florida's Warmest Welcome

LOCAL BUSINESS



TIER 1/TIER 2 COMPLIANCE FORM

IN ORDER FOR YOUR FIRM TO COMPLY WITH THE CITY'S LOCAL BUSINESS PROGRAM AS A TIER 1 OR TIER 2 VENDOR, BIDDERS MUST COMPLETE THE INFORMATION BELOW AND UPLOAD THE FORM TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.

TIER 1 LOCAL VENDOR

____ My firm has maintained a permanent place of business within the city limits and maintains a staffing level, within this local office, of at least 10 % who are residents of the City of Pompano Beach.

And/Or

____ My firm has maintained a permanent place of business within the city limits and my submittal includes subcontracting commitments to Local Vendors Subcontractors for at least 10 % of the contract value.

Or

X My firm does not qualify as a Tier 1 Vendor.

TIER 2 LOCAL VENDOR

____ My firm has maintained a permanent place of business within Broward County and maintains a staffing level, within this local office, of at least 15% who are residents of the City of Pompano Beach

And/Or

____ My firm has maintained a permanent place of business within Broward County and my submittal includes subcontracting commitments to Local Vendors Subcontractors for at least 20% of the contract value.

Or

X My firm does not qualify as a Tier 2 Vendor.

I certify that the above information is true to the best of my knowledge.

7.28.2020
(Date)

WGI, Inc.
(Name of Firm)

BY: 
(Name)

TIER 1/TIER 2 COMPLIANCE FORM

IN ORDER FOR YOUR FIRM TO COMPLY WITH THE CITY'S LOCAL BUSINESS PROGRAM AS A TIER 1 OR TIER 2 VENDOR, BIDDERS MUST COMPLETE THE INFORMATION BELOW AND UPLOAD THE FORM TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.

TIER 1 LOCAL VENDOR

My firm has maintained a permanent place of business within the city limits and maintains a staffing level, within this local office, of at least 10 % who are residents of the City of Pompano Beach.

And/Or

My firm has maintained a permanent place of business within the city limits and my submittal includes subcontracting commitments to Local Vendors Subcontractors for at least 10 % of the contract value.

Or

My firm does not qualify as a Tier 1 Vendor.

TIER 2 LOCAL VENDOR

My firm has maintained a permanent place of business within Broward County and maintains a staffing level, within this local office, of at least 15% who are residents of the City of Pompano Beach

And/Or

My firm has maintained a permanent place of business within Broward County and my submittal includes subcontracting commitments to Local Vendors Subcontractors for at least 20% of the contract value.

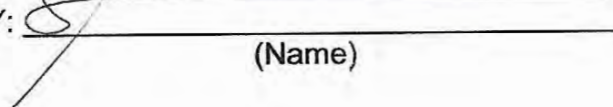
Or

My firm does not qualify as a Tier 2 Vendor.

I certify that the above information is true to the best of my knowledge.

7/22/2020
(Date)

SA. Nelson & Associates
(Name of Firm)

BY: 
(Name)

S.A. NELSON & ASSOCIATES BUSINESS TAX RECEIPT

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000

VALID OCTOBER 1, 2019 THROUGH SEPTEMBER 30, 2020

DBA:
Business Name: S A NELSON & ASSOCIATES

Receipt #: 376-304383
Business Type: ADVERTISING/MARKETING
(MARKETING)

Owner Name: S A NELSON & ASSOCIATES
Business Location: 3402 WILLOWOOD RD
LAUDERHILL
Business Phone: 5615311876

Business Opened: 06/01/2016
State/County/Cert/Reg:
Exemption Code:

Rooms Seats Employees Machines Professionals

For Vending Business Only						
Number of Machines:				Vending Type:		
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
45.00	0.00	0.00	11.25	0.00	25.00	81.25

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

**THIS BECOMES A TAX RECEIPT
WHEN VALIDATED**

This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

Mailing Address:

S A NELSON & ASSOCIATES
3402 WILLOWOOD RD
LAUDERHILL, FL 33319

Receipt # WWW-19-00138129
Paid 02/18/2020 81.25

2019 - 2020

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000

VALID OCTOBER 1, 2019 THROUGH SEPTEMBER 30, 2020

DBA:
Business Name: S A NELSON & ASSOCIATES

Receipt #: 376-304383
Business Type: ADVERTISING/MARKETING
(MARKETING)

Owner Name: S A NELSON & ASSOCIATES
Business Location: 3402 WILLOWOOD RD
LAUDERHILL
Business Phone: 5615311876

Business Opened: 06/01/2016
State/County/Cert/Reg:
Exemption Code:

Rooms Seats Employees Machines Professionals

For Vending Business Only						
Number of Machines:				Vending Type:		
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
45.00	0.00	0.00	11.25	0.00	25.00	81.25

Receipt # WWW-19-00138129
Paid 02/18/2020 81.25

TIER 1/TIER 2 COMPLIANCE FORM

IN ORDER FOR YOUR FIRM TO COMPLY WITH THE CITY'S LOCAL BUSINESS PROGRAM AS A TIER 1 OR TIER 2 VENDOR, BIDDERS MUST COMPLETE THE INFORMATION BELOW AND UPLOAD THE FORM TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.

TIER 1 LOCAL VENDOR

My firm has maintained a permanent place of business within the city limits and maintains a staffing level, within this local office, of at least 10 % who are residents of the City of Pompano Beach.

And/Or

My firm has maintained a permanent place of business within the city limits and my submittal includes subcontracting commitments to Local Vendors Subcontractors for at least 10 % of the contract value.

Or

My firm does not qualify as a Tier 1 Vendor.

TIER 2 LOCAL VENDOR

My firm has maintained a permanent place of business within Broward County and maintains a staffing level, within this local office, of at least 15% who are residents of the City of Pompano Beach

And/Or

My firm has maintained a permanent place of business within Broward County and my submittal includes subcontracting commitments to Local Vendors Subcontractors for at least 20% of the contract value.


Or

My firm does not qualify as a Tier 2 Vendor.

I certify that the above information is true to the best of my knowledge.

7/22/20
(Date)

Florida Engineering & Testing, Inc.
(Name of Firm)

BY: 
(Name)

Christine Chang, SVP

FLORIDA ENGINEERING & TESTING BUSINESS TAX RECEIPT



**CITY OF POMPANO BEACH
BUSINESS TAX RECEIPT
FISCAL YEAR: 2019 - 2020**

Business Tax Receipt Valid from: October 1, 2019 through September 30, 2020

4422214
MESIANO, MARK
250 SW 13 AVENUE

9/18/2019

POMPANO BEACH FL 33069

THIS IS NOT A BILL

THIS IS YOUR BUSINESS TAX RECEIPT. PLEASE POST IN A CONSPICUOUS PLACE AT THE BUSINESS LOCATION.

BUSINESS OWNER: FLORIDA ENGINEERING & TESTING
BUSINESS LOCATION: 250 SW 13 AV POMPANO BEACH FL

RECEIPT NO: 20-00041486
CLASSIFICATION: PROFESSIONAL-ENGINEER (PROF,CIVIL,ELECT)

NOTICE: A NEW APPLICATION MUST BE FILED IF THE BUSINESS NAME, OWNERSHIP OR ADDRESS IS CHANGED. THE ISSUANCE OF A BUSINESS TAX RECEIPT SHALL NOT BE DEEMED A WAIVER OF ANY PROVISION OF THE CITY CODE NOR SHALL THE ISSUANCE OF A BUSINESS TAX RECEIPT BE CONSTRUED TO BE A JUDGEMENT OF THE CITY AS TO THE COMPETENCE OF THE APPLICANT TO TRANSACT BUSINESS. THIS DOCUMENT CANNOT BE ALTERED.

BUSINESS TAX RECEIPTS EXPIRE SEPTEMBER 30TH OF EACH YEAR

REQUESTED INFORMATION BELOW IS ON LOCAL BUSINESS PROGRAM FORM ON THE BID ATTACHMENTS TAB. BIDDERS ARE TO COMPLETE FORM IN ITS ENTIRITY AND INCLUDE COMPLETED FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.

CITY OF POMPANO BEACH, FLORIDA
LOCAL BUSINESS PARTICIPATION FORM

Solicitation # & Title: **E-20-20 Continuing Contract for Civil Engineering Services for Various City Projects**

Prime Contractor's Name: **WGI, Inc.**

<u>Name of Firm, Address</u>	<u>Contact Person, Telephone Number</u>	<u>Type of Work to be Performed/Materials to be Purchased</u>	<u>Contract Amount</u>
WGI, Inc. 2035 Vista Parkway West Palm Beach, FL 33411	Brett Oldford, PE 561.839.1715	Civil Engineering; Structural Engineering; Survey, Mapping and SUE; Urban and Community Planning; CEI; Transportation Engineering; Environmental; GIS; Landscape Architecture	TBD
Articulate Consulting Group 10385 Ironwood Road #134 Palm Beach Gardens, FL 33410	Charisma Adams 561.247.4584	Public Outreach	TBD
Florida Engineering & Testing, Inc. 250 S.W. 13th Avenue Pompano Beach, FL 33069	Christina Chang 954.781.6889	Geotechnical	TBD

LOCAL BUSINESS EXHIBIT "A"



LOCAL BUSINESS EXHIBIT "B"
LOCAL BUSINESS
LETTER OF INTENT TO PERFORM AS A LOCAL SUBCONTRACTOR

Solicitation Number E-20-20

TO: WGI
(Name of Prime or General Bidder)

The undersigned City of Pompano Beach business intends to perform subcontracting work in connection with the above contract as (check below)

an individual

a corporation

a partnership

a joint venture

The undersigned is prepared to perform the following work in connection with the above Contract, as hereafter described in detail:

Geotechnical Engineering Services
Construction Materials Testing
Special Inspections

at the following price: TBD

7/22/20
(Date)

Florida Engineering & Testing, Inc
(Print Name of Local Business Contractor)

250 SW 13th Avenue
(Street Address)

Pompano Beach, FL 33069
(City, State Zip Code)

BY: [Signature] JVP
(Signature)

Christine Chang

IMPORTANT NOTE: Signatures on this form MUST be by an authorized employee of Subcontractor and must be uploaded to the Response Attachment Tab

LOCAL BUSINESS EXHIBIT "B"



pompano
beach®
Florida's Warmest Welcome

LITIGATION



LITIGATION

CASE	SUMMARY	DATE FILED	STATUS
ACTIVE CASES			
WGI v. Ranger Construction Industries Case No.: 2018-CA-003131	WGI filed suit for non-payment of professional fees due	03/2018	In Discovery
Community Asphalt Corp. v. WGI et al., Case No. 2018-CA-029816	Disputed claims for alleged breach of contract and professional negligence in connection with the design and construction of the Interstate 75 Express Lanes (Segments A+B) project.	04/2018	In Discovery
RESOLVED CASES			
Hernandez v. Dragados USA, Inc. at al., Case No. CACE18002189	Traffic accident within the limits of the Interstate 75 Express Lanes (Segment E) project	01/2018	The case is ongoing but WGI was dismissed (2018)



CITY FORMS



COMPLETE THE PROPOSER INFORMATION FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRITY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB FOR THE RFP IN THE EBID SYSTEM.

PROPOSER INFORMATION PAGE

RFP E-20-20, Continuing Contract for Civil Engineering Services for Various City Projects
(number) (RFP name)

To: The City of Pompano Beach, Florida

The below named company hereby agrees to furnish the proposed services under the terms stated subject to all instructions, terms, conditions, specifications, addenda, legal advertisement, and conditions contained in the RFP. I have read the RFP and all attachments, including the specifications, and fully understand what is required. By submitting this proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this proposal.

Proposal submitted by:

Name (printed) Brett Oldford, PE Title Contract Manager

Company (Legal Registered) WGI, Inc.

Federal Tax Identification Number 65-0271367

Address 2035 Vista Parkway

City/State/Zip West Palm Beach, Florida 33411

Telephone No. 561.687.2220 Fax No. _____

Email Address Brett.Oldford@wginc.com

BIDDERS ARE TO COMPLETE FORM AND UPLOAD COMPLETED FORM TO THE EBID SYSTEM

EXHIBIT E

MINORITY BUSINESS ENTERPRISE PARTICIPATION

RLI # E-20-20

List all members of your team that are a certified Minority Business Enterprise (as defined by the State of Florida.) You must include copies of the MBE certificates for each firm listed with your electronic submittal.

Name of Firm	Certificate Included?
S.A. Nelson & Associates LLC	Yes
Florida Engineering & Testing, Inc.	Yes

S.A. NELSON & ASSOCIATES W/MBE CERTIFICATION

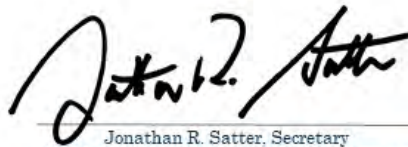
State of Florida

Woman & Minority Business Certification

S.A. Nelson & Associates LLC.

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

07/11/2019 to 07/11/2021



Jonathan R. Satter, Secretary
Florida Department of Management Services



Office of Supplier Diversity
4050 Esplanade Way, Suite 380
Tallahassee, FL 32399
850-487-0915
www.dms.myflorida.com/osd

FLORIDA ENGINEERING & TESTING W/MBE CERTIFICATION

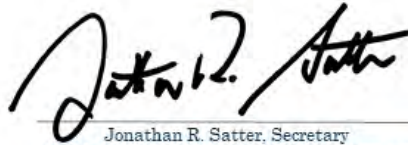
State of Florida

Woman & Minority Business Certification

Florida Engineering & Testing, Inc.

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

10/24/2019 to 10/24/2021



Jonathan R. Satter, Secretary
Florida Department of Management Services



Office of Supplier Diversity
4050 Esplanade Way, Suite 380
Tallahassee, FL 32399
850-487-0915
www.dms.myflorida.com/osd

COMPLETE THE PROPOSER INFORMATION FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE THE FORM IN ITS ENTIRETY AND INCLUDE THE COMPLETED FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.

VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES LISTS

Respondent Vendor Name: WGI, Inc.

Vendor FEIN: 65-0271367

Section 287.135, Florida Statutes, prohibits agencies from contracting with companies, for goods or services over \$1,000,000, that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List. Further, Section 215.4725, Florida Statutes, prohibits agencies from contracting (at any dollar amount) with companies on the Scrutinized Companies that Boycott Israel List, or with companies that are engaged in a boycott of Israel. As the person authorized to sign electronically on behalf of Respondent, I hereby certify by selecting the box below that the company responding to this solicitation is not listed on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List. I also certify that the company responding to this solicitation is not participating in a boycott of Israel, and is not engaged in business operations in Syria or Cuba. I understand that pursuant to sections 287.135 and 215.4725, Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs.

I Certify





pompano
beach®
Florida's Warmest Welcome

APPENDIX



WGI PROFESSIONAL LICENSES

Florida engineering companies used to have a professional license, a CA number. As of October 2019, Florida companies are required to register, but no engineering license is issued; the CA number has been replaced by a Registry License number. **WGI's Engineering Registry number is 33574** as shown on the Licensee Details below. Other WGI professional licenses are shown on the following pages.

DBPR - WGI, INC., Registry

P

3:23:10 PM 2/3/2020

Licensee Details

Licensee Information

Name: **WGI, INC. (Primary Name)**
 Main Address: **2035 VISTA PARKWAY
 WEST PALM BEACH Florida 33411**
 County: **PALM BEACH**
 License Mailing:
 LicenseLocation:

License Information

License Type: **Registry**
 Rank: **Registry**
 License Number: **33574**
 Status: **Current**
 Licensure Date: **10/24/2019**
 Expires:

Special Qualifications **Qualification Effective**

Alternate Names

[View Related License Information](#)

[View License Complaint](#)

2601 Blair Stone Road, Tallahassee FL 32399 :: Email: **Customer Contact Center** :: Customer Contact Center: 850.487.1395

The State of Florida is an AA/EEO employer. [Copyright 2007-2010 State of Florida. Privacy Statement](#)

WGI PROFESSIONAL LICENSES

State of Florida Department of State

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

The document number of this corporation is S66593.

I further certify that said corporation has paid all fees due this office through December 31, 2019, that its most recent annual report/uniform business report was filed on December 17, 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 Seventeenth day of December,
2019*




Ronald R. Lee
Secretary of State

Tracking Number: 4012041678CC

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


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

WGI PROFESSIONAL LICENSES



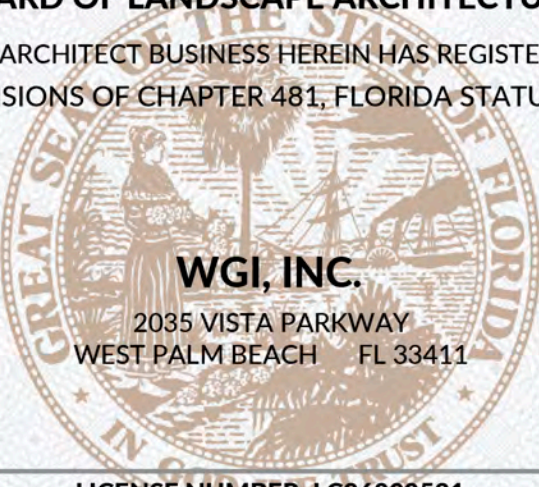
Ron DeSantis, Governor

Halsey Beshears, Secretary



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


THE LANDSCAPE ARCHITECT BUSINESS HEREIN HAS REGISTERED UNDER THE PROVISIONS OF CHAPTER 481, FLORIDA STATUTES




WGI, INC.
 2035 VISTA PARKWAY
 WEST PALM BEACH FL 33411

LICENSE NUMBER: LC26000521
EXPIRATION DATE: NOVEMBER 30, 2021

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.
 This is your license. It is unlawful for anyone other than the licensee to use this document.

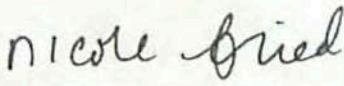


Florida Department of Agriculture and Consumer Services
 Division of Consumer Services
 Board of Professional Surveyors and Mappers
 2005 Apalachee Pkwy Tallahassee, Florida 32399-6500

License No.: **LB7055**
 Expiration Date February 28, 2021

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

WGI, INC
 2035 VISTA PARKWAY STE 100
 WEST PALM BEACH, FL 33411



NICOLE "NIKKI" FRIED
 COMMISSIONER OF AGRICULTURE

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

WGI PROFESSIONAL LICENSES



Ron DeSantis, Governor

Halsey Beshears, Secretary



STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL GEOLOGISTS

THE GEOLOGY BUSINESS HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 492, FLORIDA STATUTES



WGI, INC.

2035 VISTA PARKWAY
WEST PALM BEACH FL 33411

LICENSE NUMBER: GB758

EXPIRATION DATE: JULY 31, 2020

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

S.A. NELSON & ASSOCIATES PROFESSIONAL LICENSES

State of Florida Department of State

I certify from the records of this office that S A NELSON AND ASSOCIATES LLC is a limited liability company organized under the laws of the State of Florida, filed on July 20, 2016, effective July 20, 2016.

The document number of this limited liability company is L16000136257.

I further certify that said limited liability company has paid all fees due this office through December 31, 2020, that its most recent annual report was filed on June 7, 2020, and that its status is active.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Fourteenth day of June, 2020*



Ronald R. DeSantis
Secretary of State

Tracking Number: 7317846988CU

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

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

FLORIDA ENGINEERING & TESTING PROFESSIONAL LICENSES



Ron DeSantis, Governor

Halsey Beshears, Secretary



STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

THE ENGINEERING BUSINESS HEREIN IS AUTHORIZED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

FLORIDA ENGINEERING & TESTING, INC.

250 SW 13TH AVENUE
POMPANO BEACH FL 33069

LICENSE NUMBER: CA6923

EXPIRATION DATE: FEBRUARY 28, 2021

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.



Brett Oldford, PE
brett.oldford@wginc.com

2035 Vista Parkway
West Palm Beach, FL 33411

561.687.2220
WGInc.com

Exhibit B Fee Schedule

WGI, INC. FEE SCHEDULE EFFECTIVE DATE – JUNE 27, 2020

Hourly Rate	
ENGINEERING SERVICES	
Executive Engineer	\$275.00
Chief Engineer	\$250.00
Senior Project Manager	\$210.00
Principal Engineer	\$230.00
Project Manager	\$185.00
Senior Engineer	\$170.00
Senior Project Engineer	\$160.00
Project Engineer	\$150.00
Senior Designer	\$145.00
Engineer	\$140.00
Senior Engineer Intern	\$130.00
Engineer Intern	\$100.00
Chief Designer	\$165.00
Designer	\$110.00
Field Engineer	\$165.00
Field Inspector	\$110.00
SURVEYING SERVICES	
Principal Surveyor	\$250.00
Senior Project Manager	\$200.00
Project Manager	\$185.00
Senior Professional Surveyor	\$170.00
Photogrammetrist	\$150.00
Professional Surveyor	\$140.00
Survey Intern	\$100.00
Senior Survey Technician	\$140.00
Survey Technician	\$100.00
SUE Technician	\$100.00
2 Person Field Survey Crew	\$140.00
3 Person Field Survey Crew	\$180.00
4 Person Field Survey Crew	\$210.00
5 Person Field Survey Crew	\$265.00
2 Person SUE Crew	\$150.00
3 Person SUE Crew	\$200.00
4 Person SUE Crew	\$250.00
5 Person SUE Crew	\$300.00
Chief Utility Coordinator	\$210.00
Senior Utility Coordinator	\$150.00
Utility Coordinator	\$130.00
Laser Scan Crew	\$250.00
Hydrographic/Bathymetric Crew	\$325.00

Hourly Rate	
PLANNING SERVICES	
Executive Planner	\$275.00
Principal Planner	\$225.00
Senior Project Manager	\$180.00
Project Manager	\$150.00
Senior Planner	\$130.00
Planner	\$100.00
Entry Level Planner	\$85.00
LANDSCAPE ARCHITECTURE SERVICES	
Principal Landscape Architect	\$200.00
Senior Project Manager	\$180.00
Project Manager	\$150.00
Senior Designer	\$130.00
Designer	\$100.00
Entry Level Designer	\$85.00
ENVIRONMENTAL SERVICES	
Executive Environmental Scientist	\$225.00
Principal Environmental Scientist	\$200.00
Senior Environmental Scientist	\$180.00
Project Manager	\$135.00
Environmental Scientist	\$120.00
Environmental Technician	\$90.00
ARCHITECTURAL SERVICES	
Project Manager	\$185.00
Senior Architect	\$260.00
Project Architect	\$160.00
Architect	\$145.00
Architect Intern	\$100.00
OTHER PROFESSIONAL SERVICES	
Expert Witness	\$350.00
GIS Technician	\$150.00
Administrative Assistant	\$75.00
REIMBURSABLE EXPENSES	
Copies, Black & White (each)	\$ 0.30
Copies, Color (each)	\$ 1.00
Plots, Black & White (each)	\$ 2.00
Plots, Color (each)	\$15.00
Mylars (each)	\$70.00
Foam Core Presentation Boards (each)	\$ 7.50
All Third Party Expenses	Cost Plus 15%

Expenses: In addition to labor, WGI, INC. bills for the following project related costs at a contractually agreed markup: printing; conference calling charges; document review, permit or recording fees paid on behalf of CLIENT; shipping; bid advertisement; specialty materials, software or equipment rental; sub-consultant fees; costs of project related employee travel including meals, lodging, airfare and miscellaneous travel costs such as tolls, parking, etc; mileage for all company-owned vehicles (trucks) will be charged at \$0.85/mile; employee owned vehicles used for transportation related to the Project will be charged at the prevailing federal mileage rate allowed by the IRS at the time the travel occurs. WGI also bills for the cost of internal reproduction and the use of specialized equipment related to subsurface utility vacuum excavation, mobile scanning (LIDAR), and hydrographic surveying.

EXHIBIT C

INSURANCE REQUIREMENTS

CONSULTANT shall not commence services under the terms of this Agreement until certification or proof of insurance detailing terms and provisions has been received and approved in writing by the CITY's Risk Manager. If you are responding to a bid and have questions regarding the insurance requirements hereunder, please contact the City's Purchasing Department at (954) 786-4098. If the contract has already been awarded, please direct any queries and proof of the requisite insurance coverage to City staff responsible for oversight of the subject project/contract.

CONSULTANT is responsible to deliver to the CITY for timely review and written approval/disapproval Certificates of Insurance which evidence that all insurance required hereunder is in full force and effect and which name on a primary basis, the CITY as an additional insured on all such coverage.

Throughout the term of this Agreement, CITY, by and through its Risk Manager, reserve the right to review, modify, reject or accept any insurance policies required by this Agreement, including limits, coverages or endorsements. CITY reserves the right, but not the obligation, to review and reject any insurer providing coverage because of poor financial condition or failure to operate legally.

Failure to maintain the required insurance shall be considered an event of default. The requirements herein, as well as CITY's review or acceptance of insurance maintained by CONSULTANT, are not intended to and shall not in any way limit or qualify the liabilities and obligations assumed by CONSULTANT under this Agreement.

Throughout the term of this Agreement, CONSULTANT and all subcontractors or other agents hereunder, shall, at their sole expense, maintain in full force and effect, the following insurance coverages and limits described herein, including endorsements.

A. Worker's Compensation Insurance covering all employees and providing benefits as required by Florida Statute, Chapter 440. CONSULTANT further agrees to be responsible for employment, control and conduct of its employees and for any injury sustained by such employees in the course of their employment.

B. Liability Insurance.

(1) Naming the City of Pompano Beach as an additional insured as CITY's interests may appear, on General Liability Insurance only, relative to claims which arise from CONSULTANT's negligent acts or omissions in connection with CONSULTANT's performance under this Agreement.

(2) Such Liability insurance shall include the following checked types of insurance and indicated minimum policy limits.

Type of Insurance**Limits of Liability****GENERAL LIABILITY:**

Minimum 1,000,000 Per Occurrence and
\$1,000,000 Per Aggregate

* Policy to be written on a claims incurred basis

XX	comprehensive form	bodily injury and property damage
XX	premises - operations	bodily injury and property damage
—	explosion & collapse hazard	
—	underground hazard	
XX	products/completed operations hazard	bodily injury and property damage combined
XX	contractual insurance	bodily injury and property damage combined
XX	broad form property damage	bodily injury and property damage combined
XX	independent contractors	personal injury
XX	personal injury	

AUTOMOBILE LIABILITY:

Minimum \$1,000,000 Per Occurrence and \$1,000,000 Per Aggregate. Bodily injury (each person) bodily injury (each accident), property damage, bodily injury and property damage combined.

- XX comprehensive form
- XX owned
- XX hired
- XX non-owned

REAL & PERSONAL PROPERTY

— comprehensive form Agent must show proof they have this coverage.

EXCESS LIABILITY

Per Occurrence Aggregate

XX	Umbrella and other than umbrella	bodily injury and property damage combined	\$2,000,000	\$2,000,000
----	----------------------------------	--------------------------------------------	-------------	-------------

PROFESSIONAL LIABILITY

Per Occurrence Aggregate

XX	* Policy to be written on a claims made basis		\$2,000,000	\$2,000,000
----	-----------------------------------------------	--	-------------	-------------

(3) If Professional Liability insurance is required, CONSULTANT agrees the indemnification and hold harmless provisions set forth in the Agreement shall survive the termination or expiration of the Agreement for a period of three (3) years unless terminated sooner by the applicable statute of limitations.

C. Employer's Liability. If required by law, CONSULTANT and all subcontractors shall, for the benefit of their employees, provide, carry, maintain and pay for Employer's Liability

Insurance in the minimum amount of One Hundred Thousand Dollars (\$100,000.00) per employee, Five Hundred Thousand Dollars (\$500,000) per aggregate.

D. Policies: Whenever, under the provisions of this Agreement, insurance is required of the CONSULTANT, the CONSULTANT shall promptly provide the following:

- (1) Certificates of Insurance evidencing the required coverage;
- (2) Names and addresses of companies providing coverage;
- (3) Effective and expiration dates of policies; and
- (4) A provision in all policies affording CITY thirty (30) days written notice by a carrier of any cancellation or material change in any policy.

E. Insurance Cancellation or Modification. Should any of the required insurance policies be canceled before the expiration date, or modified or substantially modified, the issuing company shall provide thirty (30) days written notice to the CITY.

F. Waiver of Subrogation. CONSULTANT hereby waives any and all right of subrogation against the CITY, its officers, employees and agents for each required policy. When required by the insurer, or should a policy condition not permit an insured to enter into a pre-loss agreement to waive subrogation without an endorsement, then CONSULTANT shall notify the insurer and request the policy be endorsed with a Waiver of Transfer of Rights of Recovery Against Others, or its equivalent. This Waiver of Subrogation requirement shall not apply to any policy which includes a condition to the policy not specifically prohibiting such an endorsement, or voids coverage should CONSULTANT enter into such an agreement on a pre-loss basis.

DESCRIPTIONS (Continued from Page 1)

law.