



Village of Wellington
Request for Qualifications
 RFQ #017-14/ED

ENGINEERING SERVICES FOR THE SADDLE TRAIL PARK (SOUTH) NEIGHBORHOOD IMPROVEMENT PROJECT

May 28, 2014



ENGINEERING // SURVEYING // ENVIRONMENTAL // PLANNING

May 28, 2014

Mr. Ed De La Vega
Village of Wellington Purchasing Department
12300 Forest Hill Boulevard
Wellington, FL 33414

RE: Request for Qualifications – Engineering Services for Saddle Trail Park (South) Neighborhood Improvement Project – RFQ # 017-14/ED

Dear Mr. De La Vega:

On behalf of WGI, we are pleased to submit our qualifications for the above referenced Request for Qualifications (RFQ). Based on the Scope of Work identified in the RFQ, we have selected the most qualified engineering, surveying and technical staff to provide the Village of Wellington (Village) with the professional services needed to deliver a cost-effective, well managed and aesthetically pleasing design. WGI is a local firm located within ten miles of the Village. Several of our key staff assigned to this project are currently working with the village staff or live within the Village limits; some of whom are actively involved in the equestrian community. This familiarity, coupled with our previous work performed under a continuing contract with the Village, puts WGI in a position to eliminate the “learning curve” and expedite the requirements of this project.

Firm Qualifications

In business since 1972, WGI has developed highly innovative solutions on infrastructure improvement projects for governmental and institutional clients across the state. By offering a full range of surveying and engineering services, we will be able to exceed the requirements of this contract. The most important qualification WGI brings to the Village is the commitment of the firm, at all levels, to develop successful assignments; assignments that are technically sound, delivered on schedule and within budgetary guidelines. The depth of our firm, with more than 120 professionals, provides ample capacity to competently complete all assignments in a timely and professional manner.

Key Personnel

Successful projects begin with the selection of a qualified and experienced management team who completely understand the requirements of a project and can direct the team's efforts through the entire planning, designing, permitting and construction process. To serve as our Contract/Project Manager, we have selected Brian J. LaMotte, PE who has more than 31 years of experience in Palm Beach County. He has taken on this role on numerous municipal projects, including those funded through Chapter 170 of the Florida Statutes.

Mr. Chris Holmes, PE, will serve as the Project Manager for this contract. Mr. Holmes has participated in the design, development, permitting and coordination of numerous municipal infrastructure projects over his 14-year engineering career, including several projects in the Village. With this experience comes the familiarity with what it takes to manage similar projects and the challenges that come with them.

Commitment

Commitment, dedication, and teamwork are all qualities that the WGI Team brings to the Village of Wellington. This commitment has been clearly demonstrated by WGI's superior service and professionalism over the years in providing similar civil engineering services to other municipal clients, including the Village itself. In addition, David Wantman, PE (President of WGI), lives in close proximity to the Saddle Trail Park neighborhood and will take a personal interest in this project.

Why Select WGI?

- WGI has the personnel to adequately staff and manage a project of this size and complexity.
- We are a local firm with extensive knowledge of the Village, as well as local regulatory agencies and permitting criteria and requirements.
- Our team has members that reside in the Village and are knowledgeable about equestrian activities, their operations and nuances through active involvement in the equestrian community.
- Our Contract Manager and Project Manager are familiar with Village staff and permitting requirements, including a thorough knowledge of the role the Engineer-of-Record plays in projects funded through Chapter 170 of the Florida Statutes.

We appreciate the opportunity to submit this response and look forward to presenting our Qualifications, Methodology and Approach to this project as one of the shortlisted firms.

Sincerely,



Brian J. LaMotte, P.E., LEED AP
Senior Project Manager/Contract Manager



David S. Wantman, P.E.
President



RFQ# 017-14/ED

*Engineering Services for the Saddle Trail Park (South)
Neighborhood Improvement Project*

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ENGINEERING // SURVEYING // ENVIRONMENTAL // PLANNING

PROPOSAL CHECK LIST

Please check each item and make sure that all required information is included in your Proposal submission. Failure to submit this information may result in your submission being rejected as being a non-responsive and responsible Proposer.

YES X NO___ 1. Proposal Submittal Form

YES X NO___ 2. Acknowledgment of Addendums

YES X NO___ 3. Conflict of Interest Form

YES X NO___ 4. Drug Free Workplace

YES X NO___ 5. Local Preference Application

YES X NO___ 6. Insurance Certifications

YES X NO___ 7. Licenses

YES X NO___ 8. Qualifications (Including Reference Form)

YES X NO___ 9. Approach and Methodology

YES X NO___ 10. Original and one copy and (1) PDF Electronic copy (CD)

TAB 1: PROPOSAL SUBMITTAL FORM

PROPOSAL SUBMITTAL FORM (TAB #1)

To:
Wellington
12300 W. Forest Hill Boulevard
Wellington, Florida 33414

Wantman Group, Inc. _____ agrees to provide
(Vendor)
Engineering Services _____ to Wellington as defined in this RFQ in accordance with the requirements of
the Specifications and RFQ # 017-14/ED Documents.

The undersigned Proposer has carefully examined the Specifications and Proposal/Contract Documents and is familiar with the nature and extent of the Work and any local conditions that may in any manner affect the Work to be done.

The undersigned agrees to provide the service called for by the Specifications and RFQ Documents, in the manner prescribed therein and to the standards of quality and performance established by the RFQ.

The undersigned agrees to the right of Wellington to hold all Proposals for a period not to exceed 180 days after the date of Proposal opening stated in the RFQ.

The undersigned accepts the payment policies specified in the RFQ documents.

The undersigned agrees that within fifteen (15) days from the date of acceptance of this Proposal, to execute the agreement and provide the required certificates of insurance.

Dated this 27 day of May, 2014
(Month) (Year)

INDIVIDUAL, FIRM OR PARTNERSHIP

By: _____ / _____
(Signature) (Print name)

Address: _____

Telephone: (____) _____ Fax: (____) _____

Social Security Number or Taxpayer Identification Number: _____

CORPORATION

By:  / _____
President
20

(Signature)

(Print name)

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

Telephone: (561) 687.2220 Fax: (561) 687.1110

Taxpayer (EIN) Identification Number: 65-0271367

State Under Which Corporation Was Chartered: FL

Corporate President: David Wantman, PE
(Print Name)

SVP
Corporate Secretary: Robin Petzold, PSM
(Print Name)

CHP
Corporate Treasurer: Joel Wantman, PE
(Print Name)

CORPORATE SEAL

Attest By: 
Secretary

ADDENDA RECEIPT VERIFICATION

Proposer acknowledges the receipt of Addenda Nos. 1, 2, and 3

TAB 2: ACKNOWLEDGEMENT OF ADDENDUMS FORM

Council

Bob Margolis, Mayor
John Greene, Vice Mayor
Matt Willhite, Councilman
Howard K. Coates, Jr., Councilman
Anne Gerwig, Councilwoman

Manager

Paul Schofield

RFQ No. 017-14/ED

Title: Engineering Services- Saddle Trail Park (South) Neighborhood Improvement Project


Bid Opening Date: May 28, 2014 at 2:00 PM

RFI Date: April 30, 2014

REQUEST FOR INFORMATION #1

Questions #1: Under tab#8 there is a bullet point that states "sub-consultants-Project Role, Name, Location, Contract Information" is this all that is required to be provided for the company, or are licenses, insurance, all of the forms including conflict of interest and drug free workplace and experience sheets, references, etc. required?

Answer #1: The information required for sub-consultants are the project role, name, location and contract information of each. Only the prime firm is required to provide the additional information such as licenses, insurance, required forms, etc.


MARKETING COORDINATOR

Council

Bob Margolis, Mayor
John Greene, Vice Mayor
Matt Willhite, Councilman
Howard K. Coates, Jr., Councilman
Anne Gerwig, Councilwoman

Manager

Paul Schofield

RFQ No. 017-14/ED

Title: Engineering Services- Saddle Trail Park (South) Neighborhood Improvement Project

Bid Opening Date: May 28, 2014 at 2:00 PM

RFI Date: May 6, 2014

REQUEST FOR INFORMATION #2

Questions #1: What is the estimate for the Saddle Trail (South) Neighborhood Improvement Project?

Answer #1: The estimate for the project is \$5.1 million.

Question #2: Page 16 of the subject reference RFQ requests that Tab#2 is the Acknowledgement of Addendums Form. However, this form is not provided. Please advise if the "Addenda Receipt Verification" at the end of the Proposal Submittal Form (Tab#1) will suffice and if the tab order can be updated accordingly.

Answer #2: There is no addendum form included as part of the RFQ. Each addendum issued has a signature line that each proposer shall be required to sign and include in Tab# 2 of the proposal.


MARKETING COORDINATOR

Council

Bob Margolis, Mayor
John Greene, Vice Mayor
Matt Willhite, Councilman
Howard K. Coates, Jr., Councilman
Anne Gerwig, Councilwoman

Manager

Paul Schofield

RFQ No. 017-14/ED

Title: Engineering Services- Saddle Trail Park (South) Neighborhood Improvement Project

Bid Opening Date: May 28, 2014 at 2:00 PM

RFI Date: May 20, 2014

REQUEST FOR INFORMATION #3

Questions #1: Under Tab# 5 Wellington Local Preference & Policy Form, we are required to include the requested Local Preference form, but we are also required to include the applicable supporting documents; local business tax receipt, certificate of good standing and professional license. Additionally under Tab# 7 current licenses, certificates of authorization/registrations of the firm to perform applicable services in the State of Florida. Could we include additional supporting certificates for the firm and the firm's key staff professional licenses and certifications?

Answer #1: If the proposer is applying for local preference, the items referenced above shall be included under tab #5. Under tab #7, we are requesting ONLY firm licenses, certificates, certificates of authorization/registrations of the FIRM to perform applicable services in the State of Florida. Additional supporting certificates of the firm's key staff shall not be included. License Type/#/State of Issuance/Status shall be provided in the table listing project personnel.

Question #2: The scope includes construction of new equestrian trails. Are these trails to be located in the roadway right-of-way? Is there a preference for barrier separation between the travel way and the trail?

Answer #2: Yes. Requirement for barrier and separation needs to be engineered.

Question #3: Can these trails be located within the roadway's clearzone? Is there a preference on side and width of the trail?

Answer #3: All facilities need to be engineered to meet applicable standards.

Question #4: Is there a Concept Plan for this work including any proposed signage?

Answer #4: Attached is a conceptual typical cross section. Project needs to be engineered, including signage.

Question #5: Is there a proposed typical section?

Answer #5: Attached – Attachment #1.

Question #6: Will the Village provide proposers with the As-Built drawings of the Saddle Trail Park South?

Answer #6: Attached – Attachment #2.

Vanille Bax
MARKETING COORDINATOR

TAB 3: CONFLICT OF INTEREST FORM

CONFLICT OF INTEREST STATEMENT (TAB #3)

This Proposal/Agreement (whichever is applicable) is subject to the conflict of interest provisions of the policies and Code of Ordinances of WELLINGTON, the Palm Beach County Code of Ethics, and the Florida Statutes. During the term of this Agreement and any renewals or extensions thereof, the VENDOR shall disclose to WELLINGTON any possible conflicts of interests. The VENDOR's duty to disclose is of a continuing nature and any conflict of interest shall be immediately brought to the attention of WELLINGTON. The terms below shall be defined in accordance with the policies and Code of Ordinances of WELLINGTON, the Palm Beach County Code of Ethics, and Ch. 112, Part III, Florida Statutes.

CHECK ALL THAT APPLY.

☒ To the best of our knowledge, the undersigned business has no potential conflict of interest for this Agreement due to any other clients, contracts, or property interests.

☒ To the best of our knowledge, the undersigned business has no employment or other contractual relationship with any WELLINGTON employee, elected official or appointed official.

☒ To the best of our knowledge, the undersigned business has no officer, director, partner or proprietor that is a WELLINGTON purchasing agent, other employee, elected official or appointed official. The term "purchasing agent", "elected official" or "appointed official", as used in this paragraph, shall include the respective individual's spouse or child, as defined in Ch. 112, Part III, Florida Statutes.

☒ To the best of our knowledge, no WELLINGTON employee, elected official or appointed official has a material or ownership interest (5% ownership) in our business. The term "employee", "elected official" and "appointed official", as used in this paragraph, shall include such respective individual's relatives and household members as described and defined in the Palm Beach County Code of Ethics.

☒ To the best of our knowledge, the undersigned business has no current clients that are presently subject to the jurisdiction of WELLINGTON's Planning, Zoning and Building Department.

☐ The undersigned business, by attachment to this form, submits information which may be a potential conflict of interest due to any of the above listed reasons or otherwise.

THE UNDERSIGNED UNDERSTANDS AND AGREES THAT THE FAILURE TO CHECK THE APPROPRIATE BLOCKS ABOVE OR TO ATTACH THE DOCUMENTATION OF ANY POSSIBLE CONFLICTS OF INTEREST MAY RESULT IN DISQUALIFICATION OF YOUR BID/PROPOSAL OR IN THE IMMEDIATE CANCELLATION OF YOUR AGREEMENT, WHICHEVER IS APPLICABLE.

Wantman Group, Inc.

COMPANY NAME


AUTHORIZED SIGNATURE

David Wantman, PE

NAME (PRINT OR TYPE)

President

TITLE

TAB 4: DRUG-FREE WORKPLACE FORM

DRUG FREE WORKPLACE (TAB #4)

Preference shall be given to businesses with drug-free workplace programs. In order to have a drug-free workplace program, a business shall:

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

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

A handwritten signature in blue ink, consisting of stylized, overlapping loops and a long horizontal stroke extending to the right.

Vendor's Signature

TAB 5: WELLINGTON LOCAL PREFERENCE APPLICATION

LOCAL PREFERENCE APPLICATION (TAB #5)

APPLICATION TO BE CONSIDERED A LOCAL BUSINESS IN ACCORDANCE WITH WELLINGTON FLORIDA'S LOCAL PREFERENCE POLICY (CHAPTER 9 OF WELLINGTON'S PURCHASING AND PROCUREMENT MANUAL)

Wellington gives preference to local businesses in certain purchasing situations as set forth in Chapter 9 of Wellington's Purchasing and Procurement Manual. In order to be considered a local business, entitled to be given preference, the business must make application with Wellington and meet one of the following criteria as such is more fully set forth in Chapter 9) of Wellington's Purchasing and Procurement Manual:

Definition of Local Businesses

Western Communities Local Business - For the purpose of determining a "Western Communities local business" a vendor must have a principal permanent business location and headquarters within Wellington of Wellington, Florida or west of the Florida Turnpike to the Palm Beach County western boundary line as depicted in Exhibit "A" hereto. This applies to all entity formations, including, but not limited to, limited liability companies, partnerships, limited partnerships and the like or sole proprietors. Further, the entity or sole proprietor must provide that it, he or she has been domiciled and headquartered in the jurisdictional boundaries of the Western Communities for at least six months prior to the solicitation. Post Office boxes will not be considered a permanent business location within the Western Communities. Home business offices shall be considered as a business location if it otherwise meets the requirements herein. In order to be eligible for such local preference the vendor shall have a local business tax receipt pursuant to the County's and/or municipalities' Code of Ordinances, having jurisdiction over the location of the business, unless otherwise exempt therefrom. Further, the vendor must be properly licensed and authorized by law to provide the goods, services or professional services to the extent applicable and the location of the business must be properly zoned in order for the vendor to conduct its business.

Palm Beach County local business - For the purpose of determining a "Palm Beach County local business" a vendor must have a principal permanent business location and headquarters within Palm Beach County, Florida. This applies to all entity formations, including, but not limited to, limited liability companies, partnerships, limited partnerships and the like or sole proprietors. Further, the entity or sole proprietor must provide that it, he or she has been headquartered and domiciled in the jurisdictional boundaries of Palm Beach County, Florida for at least six months prior to the solicitation. Post Office boxes will not be considered a permanent business location within Palm Beach County, Florida. Home business offices shall be considered as a business location if it otherwise meets the requirements herein. In order to be eligible for such local preference the vendor shall have a local business tax receipt pursuant to the Palm Beach County Code of Ordinances as amended from time to time, unless otherwise exempt there from. Further, the vendor must be properly licensed and authorized by law to provide the goods, services or professional services to the extent applicable and the location of the business must be properly zoned in order for the vendor to conduct its business.

Subcontractor utilization - In competitive bid situations, a business may also qualify as either a Palm Beach County or Western Community local business if they are utilizing subcontractors to perform the work or materialmen to supply the job and more than fifty (50%) percent of their proposed bid price will be paid to subcontractors and/or materialmen who qualify, under the above standards, as Palm Beach County and/or Western Community local businesses.

Please check the box below indicating which preference category your business is applying for:

☐ Western Communities Local Business

☒ Palm Beach County Local Business

☐ Subcontractor Utilization

1. The name of the business is:

Wantman Group, Inc.

2. The address of the business is:

2035 Vista Parkway, West Palm Beach, FL 33411

3. How long has the business been located at its current address:

9 years

4. If the business has relocated within the last six months, please provide the answers to questions 1-3 for the previous location:

5. The previous name of the business is:

6. The previous address of the business is:

7. How long was this business at the previous location: _____

8. If the business is attempting to qualify under the subcontractor utilization provision, please provide a breakdown of the subcontractors who would qualify for either the Palm Beach County or Western Community, business classification, the requisite information, provide their responses to the above 1 - 7 questions and for each of the subcontractors, indicate the amount that they are proposed to be compensated at under the bid price.

9. The business as a local business tax receipt from: (1) Palm Beach County ☒ (2) the following municipality: _____ (3) located in unincorporated Palm Beach County: ☐

10. Please provide a copy of Local Business Tax Receipts from Palm Beach County and the applicable municipality are attached.

11. Please provide a Certificate of Good Standing indicating the formation or domestication of the entity in and for the State of Florida is attached.

12. Please provide copies of licenses if applicable from the State of Florida authorizing the business to provide the good services or professional services contemplated in the bid documents.

By signing below, I hereby certify that under penalty of perjury I believe my business qualifies as a Palm Beach County, Western Community or subcontractor utilization business in accordance with Wellington's Local Preference Policy and that I have submitted current and accurate information and documents relating to my qualifications. I further acknowledge and agree that any fraudulent or duplicitous information submitted in furtherance of this application will be grounds for disqualification from bidding on this project and doing business with Wellington in the future.

Applicants Federal Tax ID Number - 65-0271367

Applicants Business Address 2035 Vista Parkway, West Palm Beach, FL 33411

Signature of Authorized Representative of Corporation, Partnership, or other business entity:

Print Name: David Wantman, PE

Title: President

Date: _____

CITY OF: WEST PALM BEACH

COUNTY OF: PALM BEACH

SUBSCRIBED AND SWORN TO (or affirmed) before me on this 27th day of MAY, 2014, by DAVID WANTMAN, PE as identification. He/She is personally known to me or has presented _____ (Type of Identification)

(Signature of Notary)

(Print or Stamp Name of Notary)



Notary Public FLORIDA
(State)

Notary Seal

Signature of Individual if Sole Proprietor:

Print Name: _____

Date: _____

CITY OF: _____

COUNTY OF: _____

SUBSCRIBED AND SWORN TO (or affirmed) before me on this ____ day of _____, 2014, by
_____. He/She is personally known to me or has presented _____
as identification. (Type of Identification)

(Signature of Notary)

(Print or Stamp Name of Notary)

Notary Public _____

Notary Seal

(State)

TAB 6: EVIDENCE OF INSURANCE CERTIFICATION



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/23/2013

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Greyling Insurance Brokerage 450 Northridge Parkway Suite 102 Atlanta GA 30350		CONTACT NAME: Kristen Davidson PHONE (A/C No. Ext): (770)552-4225 FAX (A/C No.): (866)550-4082 E-MAIL ADDRESS: jerry.noyola@greyling.com															
INSURED Wantman Group, Inc. 2035 Vista Parkway Suite 100 West Palm Beach FL 33411		INSURER(S) AFFORDING COVERAGE <table border="1"> <tr> <th>INSURER</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A: Charter Oak Fire Insurance Co.</td> <td>25615</td> </tr> <tr> <td>INSURER B: Travelers Property Casualty</td> <td>25674</td> </tr> <tr> <td>INSURER C: Travelers Indemnity Company of</td> <td>25666</td> </tr> <tr> <td>INSURER D: Travelers Indemnity Company</td> <td>25658</td> </tr> <tr> <td>INSURER E: Liberty Insurance Underwriters</td> <td>19917</td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </table>		INSURER	NAIC #	INSURER A: Charter Oak Fire Insurance Co.	25615	INSURER B: Travelers Property Casualty	25674	INSURER C: Travelers Indemnity Company of	25666	INSURER D: Travelers Indemnity Company	25658	INSURER E: Liberty Insurance Underwriters	19917	INSURER F:	
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INSURER D: Travelers Indemnity Company	25658																
INSURER E: Liberty Insurance Underwriters	19917																
INSURER F:																	

COVERAGES

CERTIFICATE NUMBER: 13-14

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY			660 1C623193	9/18/2013	9/18/2014	EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						MED EXP (Any one person) \$ 10,000
							PERSONAL & ADV INJURY \$ 1,000,000
							GENERAL AGGREGATE \$ 2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						PRODUCTS - COMP/OP AGG \$ 2,000,000
	<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						\$
B	AUTOMOBILE LIABILITY			BA 1C623802	9/18/2013	9/18/2014	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS						BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS						PROPERTY DAMAGE (Per accident) \$
							\$
D	<input checked="" type="checkbox"/> UMBRELLA LIAB			CUP 3947T960	9/18/2013	9/18/2014	EACH OCCURRENCE \$ 5,000,000
	<input type="checkbox"/> EXCESS LIAB						AGGREGATE \$ 5,000,000
	<input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000						\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			UB 3947T947	9/18/2013	9/18/2014	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						E.L. EACH ACCIDENT \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
							E.L. DISEASE - POLICY LIMIT \$ 1,000,000
E	Professional Liability			AEE200407-0113	9/18/2013	9/18/2014	Per Claim \$2,000,000 Aggregate \$4,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

CERTIFICATE HOLDER

CANCELLATION

For Proposal Purposes

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

David Collings/JERRY

TAB 7: CURRENT LICENSES/CERTIFICATE OF AUTHORIZATION



LICENSES

State of Florida

Board of Professional Engineers

Attests that
Wantman Group, Inc.



is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Expiration: 2/28/2015

Audit No: 228201504364

Certificate of Authorization

CA Lic. No:

6091

State of Florida

Board of Professional Engineers

Attests that
Brian Joseph Lamotte, P.E.



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

Expiration: 2/28/2015

Audit No: 228201525580

P.E. Lic. No:

41074

State of Florida

Board of Professional Engineers

Attests that
Erik L. Brueningsen, P.E.



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

Expiration: 2/28/2015

Audit No: 228201525385

P.E. Lic. No:

38564



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

License No.: **LS6717**
Expiration Date: February 28, 2015

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

ERIC R MATTHEWS
2167 SW VISTA RD
PORT ST LUCIE, FL 34953-1384

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

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

State of Florida

Board of Professional Engineers

Attests that

David Scott Wantman, P.E.

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

Expiration: 2/28/2015

Audit No: 228201513280

P.E. Lic. No:

47512

State of Florida

Board of Professional Engineers

Attests that

James William Richie, P.E.

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

Expiration: 2/28/2015

Audit No: 228201508170

P.E. Lic. No:

64778



State of Florida

Board of Professional Engineers

Attests that

Chris J. Holmes, P.E.



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

Expiration: 2/28/2015

Audit No: 228201508227

P.E. Lic. No:

66344

State of Florida

Board of Professional Engineers

Attests that

Jerome Bruce Saval, P.E.



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

Expiration: 2/28/2015

Audit No: 228201515166

P.E. Lic. No:

36168

State of Florida

Board of Professional Engineers

Attests that

Raj Krishnasamy, P.E.



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

Expiration: 2/28/2015

Audit No: 228201504760

P.E. Lic. No:

53567



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

License No.: **LB7055**

Expiration Date: February 28, 2015

Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

WANTMAN GROUP, INC.
2035 VISTA PARKWAY STE 100
WEST PALM BEACH, FL 33411

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

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



State of Florida

Department of State

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

The document number of this corporation is S66593.

I further certify that said corporation has paid all fees due this office through December 31, 2014, that its most recent annual report/uniform business report was filed on January 8, 2014, and 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 Eighth day of January, 2014*



Ken DeFries
Secretary of State

Authentication ID: CC8223991708

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

<https://efile.sunbiz.org/certauthver.html>

TAB 8: QUALIFICATIONS



QUALIFICATIONS

OVERVIEW OF FIRM

Wantman Group, Inc. (WGI) is a Florida-based, multidisciplinary consulting firm with a history that dates back to 1972. The firm is comprised of eight separate divisions specializing in the following service lines: Civil Engineering, Municipal Engineering, Transportation Engineering, Surveying and Mapping, Subsurface Utility Engineering, Construction Management, Environmental and Planning Services. WGI and its professionals have a proven track record of providing professional services for projects and continuing contracts for a multitude of agencies and municipalities throughout Florida, including the Florida Department of Transportation, Northern Palm Beach County Improvement District, St. Lucie County, Palm Beach County, City of Ft. Pierce, South Florida Water Management District, Florida Department of Environmental Protection, Village of Wellington, Village of North Palm Beach, City of Delray Beach and over 20 others. Our performance on many of these projects has resulted in numerous repeat clients, many of which date their past projects with WGI to over 40 years ago.

WGI currently employs over 125 highly-skilled and experienced professionals committed to excellence and unsurpassed service to our clients. WGI's Corporate Office is located in West Palm Beach with branch offices in Port St. Lucie, Orlando, Tampa, Tallahassee and Jacksonville to better serve our clients throughout Florida. All services and staffing for this project will be performed from our local West Palm Beach office.

WGI is pre-qualified with the Florida Department of Transportation (FDOT) in the following categories: 2.0 (PD&E Studies); 3.1, 3.2, and 3.3. (Minor/Major/Complex Highway Design); 4.1.1, 4.1.2 (Miscellaneous Structures/Minor Bridge Design); 5.4 (Bridge Load Rating); 6.3.1 (Traffic Engineering); 7.1, 7.2, 7.3 (Signing & Pavement Marking/Lighting/Signalization); 8.1, 8.2, 8.3 (Survey Control/Design, Right-of-Way, Construction/Right-of-Way Mapping Survey); 10.1 (Construction Engineering Inspections); 13.6, 13.7 (Land Planning). With this expertise, we will be able to provide the Village with an in-depth and comprehensive design that will meet all Village and FDOT requirements for safety, quality, equestrian needs, pedestrian and vehicular traffic, and overall functionality. In addition, we have extensive experience in the design of water distribution systems in neighborhoods similar to the Saddle Trail Park (STP) - South and our Contract/Senior Project Manager is familiar with the requirements and duties of the Engineer-of-Record as they apply to Chapter 170 of the Florida Statutes.

LOCATION OF FIRM

WGI's Corporate Office is located at 2035 Vista Parkway, West Palm Beach, FL 33411. We are conveniently located to the Village's Town Center, just 10 miles away. Our Principal-in-Charge and QA/QC, David Wantman, PE, and several staff members assigned to this contract reside within minutes of the Village's offices. This convenience allows for immediate response to the Village's needs and brings a sense of pride and ownership to the project.

OVERVIEW OF CAPABILITIES

ROAD DESIGN

WGI has worked throughout the state, meeting mobility challenges by designing safer, more affordable roadways. Over the years, we have designed various types of facilities from \$500 million 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. Local Agency Programs (LAP) and Utility Work by Highway Contractor Agreements (UWHCA) are two programs available to local municipal governments that can be utilized for roadway improvements. WGI has extensive experience working with the FDOT on the administration of these programs.

We have also developed sound professional relationships with the permitting and 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 of providing clear communication to our clients and representing them on issues that will affect them. WGI has an exceptional history of providing roadway planning, design and construction-related services for numerous roadway projects throughout Florida. Our client list includes the Florida Department of Transportation, Florida's Turnpike Enterprise, Palm Beach County, multi-modal agencies, special districts, counties, private developers and numerous large and small municipalities.

DRAINAGE

Drainage is an essential part of the overall design of a roadway, especially here in South Florida where we experience extreme rainfall events, flat topography, poor draining soils and stringent regulatory agency requirements for attenuation, treatment and discharge. For many years, WGI's engineers have been designing roadways, ranging from complex interstate highways to two-lane rural roadways, that incorporate drainage collection and treatment into the designs. They have also permitted hundreds of projects through the various drainage districts and special districts including the Village of Wellington, ACME Improvement District and the South Florida Water Management District. We are keenly aware and familiar with the regulations that will govern the proposed STP - South improvements



and will be able to deliver a project that not only meets the regulatory agency requirements, but also meets the goals of the Village and the property owners in this community.

UTILITY DESIGN

The water distribution system design for this project will require a team that has experience in the design, permitting and construction of water distribution systems that serve single-family home developments similar to the STP - South community. Our staff of professional design engineers has designed numerous similar single-family developments ranging from 10 units to over 450 single-family units in Palm Beach County. The design of the water distribution system will need to take into account both fire flow demands and demands from the individual property owners, including not only the homes, but ancillary uses like barns and equestrian training facilities.

Our Contract/Project Manager and other design engineers have designed water distribution systems in older established neighborhoods and will assist in the design and planning of the proposed system. With the design of systems such as these, the property owners and existing infrastructure improvements and landscaping will pose the greatest design challenges. The design and construction has to be cognizant of the dynamics of the community with various equestrian type uses on-going at different times of the year. Because WGI has the design experience knowhow for the proper way to approach a design such as the STP - South project, we will be able to make the overall process as painless as possible to the property owners and Village staff.

SURVEYING

Successful design and construction projects of all types begin with an accurate survey. By using the latest techniques and preparing our associates with the best training available, WGI delivers accurate data from the start. WGI has embraced new technology and today we are leading the way with it by tailoring our services on every project to make them successful and economical. Rather than limit our services to real-time Global Positioning Systems, we take GPS a step further, employing static and rapid-static post-processing for the most accurate solutions. Whether performing a boundary survey or using the latest in laser technology, employing a cutting-edge approach minimizes human error. By leveraging the latest technology, WGI can help the county achieve its goals quickly and with the greatest degree of accuracy.

WGI's Survey Division is managed by Sam Hall, PSM. Sam has 15 years of survey experience, with a wide range of services provided for public sector clients throughout Florida. Sam manages surveying and mapping contracts with multiple FDOT Districts, SFWMD, FDEP and many of our municipal clients. Sam also specializes in GIS services, providing geodatabase development, spatial data acquisition and conversion, topology conditioning, and large-scale conformal mapping.

SUBSURFACE UTILITY ENGINEERING (SUE) & UTILITY COORDINATION

Erik Brueningsen, PE, manages WGI's SUE Division. With over 30 years of experience, Erik is able to manage any utility locating or utility coordination task that may arise. Proper utility locating and coordination requires innovation, experience, and a team approach. The WGI Team focuses on utility impact analysis and utility conflict resolution, bringing innovative, alternative engineering design solutions to each project. WGI will proactively address existing field conditions and constructability conflicts, and minimize the potential for utility conflicts and adverse impacts to essential services. With two "Vac" trucks, a full range of professional utility support services and experienced personnel highly trained in surveying and mapping, Ground Penetrating Radar (GPR), vacuum excavation, high-definition laser scanning, Global Positioning Systems (GPS), Geographic Information Systems (GIS) and Computer Aided Design (CAD), WGI provides comprehensive services that are second to none.

WGI understands that effective utility coordination and utility locating play a critical role in the successful completion of any project. For this reason, we begin our coordination efforts by completing a Sunshine State One Call of Florida (SSOCOF) design ticket, used to identify participating Utility Agency Owners (UAO's) that have existing or potential interests within the project limits. We recognize that not every UAO is an active member of SSOCOF, and will therefore seek out other UAOs through points of contact with participating UAOs, the existing WGI Utility Database, WGI's history with ongoing and completed projects, and other materials. Research will be conducted to obtain all executed utility work schedules, utility records or utility as-built prints, as well as all plans for other proposed improvements. All utility information collected from the UAOs and our own field investigation will be incorporated into project plans for identification and avoidance of utility conflicts.

GEOTECHNICAL

Tierra South Florida, Inc. (TSF) is a full-service consulting geotechnical and construction material testing engineering firm that provides a complete range of geotechnical engineering services. TSF has successfully completed more than 3,000 public and private projects throughout Florida. They will provide all necessary soil borings and compaction testing that will be required for the design of the roadways and drainage systems.

PROJECT DESIGN TEAM

CONTRACT/PROJECT MANAGER

Brian J. LaMotte, PE, is a Senior Project Manager in WGI's Civil and Municipal Division with more than 31 years of experience and will serve as Contract/Project Manager for this project. His responsibilities will include overall project management while assisting with



design and plans preparation and working closely with the project design team to ensure that final design plans meet industry criteria and the Village's needs. During his 31 years of designing and permitting similar projects in South Florida, Brian has been the lead design engineer for projects that included the installation of utilities in established neighborhoods with similar challenges. He is experienced in all aspects of civil and municipal engineering, design and planning, including filling the role of the Contract/Project Manager for WGI's current continuing engineering and survey contract with the Village. Under Brian's management, WGI has successfully completed several design and surveying tasks for the Village over the past few years. As the previous District Engineer for the Northern Palm Beach County Improvement District, Brian successfully performed the duties of the Engineer-of-Record for many bond funded projects that utilized the Florida Statutes Chapter 170 process. He is very familiar with the Chapter 170 process and understands the integral part the Engineer-of-

Office Location: 2035 Vista Parkway, West Palm Beach, FL 33411.

Direct Line: 561.472.8127

Email: brian.lamotte@wantmangroup.com

Education: Bachelor of Science, Civil Engineering - University of Florida

Licenses/Registrations: FL PE#41074

Relevant Experience: VOW Continuing Engineering and Surveying Contract

Record plays in the fair and equitable assessment of benefits, development of the water control plan, establishment of the bond amounts, bond verification and annual reporting requirements.

ASSISTANT PROJECT MANAGER

Christopher Holmes, PE, is a Project Manager with 14 years of experience and his design expertise includes complete design and plans preparation for municipal, commercial and residential land development projects.

He will work closely with the project design team, Village staff and subconsultants to ensure that final design plans meet all client requirements. Chris was the lead design engineer for several recent projects in the Village including *Wellington Regional Medical Center - Site Civil Design*. His other project experience includes:

Old Palm Residential PUD - Residential Development

Harbor Village Residential PUD - Site Civil Design

Florida Atlantic University - Student Dormitory Site Civil Design

Chris is familiar with the Village's engineering and utility staff. He will assist in the oversight of construction-related services and will be available to address construction-related challenges as they arise.

Office Location: 2035 Vista Parkway, West Palm Beach, FL 33411.

Direct Line: 561.209.7775

Email: chris.holmes@wantmangroup.com

Education: Bachelor of Science, Civil Engineering - Florida State University

Licenses/Registrations: FL PE#66344

SUBCONSULTANTS

Raj Krishnasamy, PE (TSF), Geotechnical. Mr. Krishnasamy has been involved in hundreds of projects of diversified complexity consisting of residential, commercial, educational, and wastewater treatment facilities, sports arenas, landfills, airports, roadways and land reclamation. He is an experienced Geotechnical Engineer focused on providing the client with a consistently accurate, cost-effective quality product that is delivered on time and within budget. Mr. Krishnasamy's similar experience includes:

South Shore Boulevard from Lake Worth Road to Pierson Road: Field work included 6 Standard Penetration Test (SPT) borings, 2 Borehole Permeability (BHP) tests, and 26 auger borings. Laboratory testing included organic content test, size analysis and natural moisture content test.

Palm Beach International Equestrian Center: Geotechnical engineering study for the proposed gravity wall, drainage improvements and roadway improvements at PBIEC. Field work included SPT borings, BHP tests, and pavement cores.

Wellington Park & Ride Facility: Field work included 4 SPT borings and 10 BHP tests. Report also included geotechnical recommendations regarding site preparation and pavement design (pavement component thickness).

Office Location: 2765 Vista Parkway, Suite 10, West Palm Beach, FL 33411.

Phone: 561.687.8536

Email: raj@tierrasf.com



TEAM MEMBERS

David Wantman, PE, Principal-in-Charge and QA/QC. David has been providing transportation design and management services throughout Florida for 23 years. He has delivered more than 50 projects including expansion projects, local roadways and interchanges. His experience includes design, value engineering, PD&E studies and construction management. David has a personal interest in this project as he lives in close proximity to STP - South, and he and his family share an interest in the Village's equestrian community as well.

Jimmy Richie, PE, Project Engineer - Water Distribution Systems. Jimmy's responsibilities include complete design and plans preparation for municipal, commercial and residential land development projects. He will work closely with the project design team, including subconsultants, to ensure that final design plans meet client requirements. Jimmy has designed and permitted water distribution projects in neighborhoods similar to the STP - South neighborhood. Jimmy will also be involved with construction-related services and has a thorough understanding of roadway construction and watermain construction and testing requirements. Jimmy recently completed the design and construction phase services to the City of Boynton Beach for their new large-diameter regional forcemain and pump station that serves over 40,000 of the City's residents.

Erik Brueningsen, PE, SUE Manager. Erik has more than 30 years of experience related to professional utility coordination, subsurface utility locating, and utility engineering design and management services on major public infrastructure and site development projects including interstate, state and county roadways. Erik is responsible for supporting several Miscellaneous Subsurface Utility Engineering contracts statewide for the Florida Department of Transportation. Drawing on his design experience as a Professional Engineer, Erik understands both sides of the design/utility issue and will be an asset to this project.

David Boyer, PE, Project Engineer - Surface Water Management Design and Permitting. David has more than 29 years experience focusing on all aspects of drainage design and permitting for projects ranging in size from the 10-mile, I-595 project to minor drainage projects. He is fully versed in drainage analysis, modeling, permitting, and plans production and has worked in all FDOT districts, including Florida's Turnpike Enterprise, and has permitted projects in all five water management districts throughout the state. Mr. Boyer is also experienced in municipal roadway drainage, as well as other aspects of water resources including flood routing, bridge hydraulics, culvert design, water quality, flood plain management, and stormwater modeling, including treatment train designs. We have selected David for this role due to his vast expertise and because the Village is his place of residence. He is looking forward to taking a personal interest in this project and will coordinate directly with Chris Holmes on the overall design and delivery of the project.

Eric Matthews, PSM, Survey Project Manager. Eric has 19 years of experience in all aspects of the profession ranging from the field to the office with over 10 years of experience in land development surveying. He has worked with clients in both the private and public sector, including numerous federal, state, and local agencies. Eric has been the lead project surveyor assigned to several survey task orders the Village has given WGI over the past two years. Eric is familiar with the Village staff and comfortable with their surveying specifications and criteria.

Greg Griffith, Environmental Permitting. Greg is thoroughly familiar with state and federal environmental statutes, local and county regulations, and environmental permitting requirements within Florida. His experience includes managing the National Pollutant Discharge Elimination System (NPDES) Program for Florida's Turnpike Enterprise; regulatory permitting as a staff biologist for the Florida Department of Environmental Protection (FDEP) and the U.S. Army Corps of Engineers (USACE), as well as hazardous waste response and sampling. Greg's background within the environmental regulatory system has afforded him the experience in both public and private operations. Greg will be available to handle any significant environmental permitting requirements on this project.

Danielle Dux, Public Involvement/Equestrian Mobility. Danielle has 19 years of experience with all aspects of horses from their management to showing. She has resided in Wellington for 14 years and has the necessary familiarity with STP - South and the Blue Trail to assist with this project, having ridden the trails and boarded at facilities in the area. Danielle has 8 years of public involvement experience, ranging from large FDOT Project Design and Environment (PD&E) projects to the local equestrian level. When it comes to projects such as this one, safety of the horse and rider is of the utmost importance.



SADDLE TRAIL PARK (SOUTH) PROJECT TEAM

Team Member	Education	Licenses / Certification	Years of Experience	Areas of Expertise	Similar Project Experience
Brian LaMotte, PE <i>Contract / Project Manager</i>	Bachelor of Science, Civil Engineering University of Florida, 1982	FL PE #41074 LEED AP	31	Civil Engineering Chapter 170 Florida Statute Utility Design	<ul style="list-style-type: none"> District Engineer - NPBCID (6 years) SW 10th Street (City of Delray Beach) LifeChurch.TV Site Civil Design FEMA Flood Maps (Contract Manager)
David Wantman, PE <i>Principal-in-Charge & QA/QC</i> <i>*Wellington Resident</i>	Bachelor of Science, Civil Engineering University of Florida, 1990	FL PE #47512	23	Civil Engineering Roadway Design	<ul style="list-style-type: none"> Community Drive at Military Trail Intersection Atlantic Avenue Widening Boynton Beach Blvd/Jog Rd Intersection Roebuck Road Extension - SR 7 to Jog Rd
Chris Holmes, PE <i>Assistant Project Manager</i>	Bachelor of Science, Civil Engineering Florida State University, 1999	FL PE #66344	14	Civil Engineering Site Planning Utility Design Permitting	<ul style="list-style-type: none"> Wellington Regional Medical Center Old Palm Residential PUD Harbor Village PUD FAU Dormitory Site Civil Design
Jimmy Richie, PE <i>Design Engineer</i>	Bachelor of Science, Civil Engineering University of Florida, 2001	FL PE #64778	12	Civil Engineering Site Planning Utility Design Permitting	<ul style="list-style-type: none"> Parkwood Estates PUD (Parkwood Land) Jupiter Country Club (Toll Brothers) Mizner Country Club (Toll Brothers) Frenchman's Reserve (Toll Brothers)
Jerry Saval, PE <i>Design Engineer</i>	Bachelor of Science, Civil Engineering University of Florida, 1981	FL PE #36168	33	Civil Engineering Utilities Design Surface Water Management Design	<ul style="list-style-type: none"> Central Blvd Water Main Extension Boynton Beach Regional Water Main Jupiter Country Club LifeChurch.TV Site Civil Design
David Boyer, PE <i>Design Engineer</i> <i>*Wellington Resident</i>	Bachelor of Science, Civil Engineering University of South Florida, 1985	FL PE #43226 Certified Flood Plain Manager	29	Civil Engineering Surface Water Management Design	<ul style="list-style-type: none"> Royal Palm Beach Boulevard Roadway Design LaMancha Avenue Roadway Design Midway Road PD&E Study Industrial Ave Corridor Drainage Improvements
Eric Matthews, PSM <i>Survey Project Manager</i>	Bachelor of Science, Geomatics University of Florida, 2007	FL PSM #LS6717 Intermediate Maintenance of Traffic	19	Topographic Survey Boundary Survey Right-of-Way Survey Utility Locations	<ul style="list-style-type: none"> C-23 Canal Corridor Multi-Use Path & Bridle Trail Route Survey 120th Avenue Route Survey NE 2nd Ave Route Survey (City of Delray Beach)
Sam Hall, PSM <i>Survey Division Manager</i>	Bachelor of Science, Geography University of South Maine, 2004	FL PSM #LS6717 ME PLS #2512 ESRI GIS	15	GIS Topographic Survey Boundary Survey Utility Locations	<ul style="list-style-type: none"> FEMA Flood Maps NE 2nd Avenue Corridor Survey (Miami) EEA Reservoir North (SFWMD) Orange County Control Densification (OC)
Erik Brueningsen, PE <i>SUE</i>	Bachelor of Science, Civil Engineering Virginia Tech, 1982	FL PE #38564 VeriForce LLC Authorized Evaluator	30	Subsurface Utility Engineering Utility Coordination	<ul style="list-style-type: none"> NE 2nd Ave (City of Delray Beach) SW 2nd Ave (City of Delray Beach) LifeChurch.TV Site Plan Central Gardens (224 Unit Development)
Greg Griffith <i>Environmental Permitting</i>	Bachelor of Science, Environmental Science University of West Florida, 2001	FWC Authorized Gopher Tortoise Agent; OSHA; FDEP Stormwater, Erosion & Sediment Control Inspector	12	Environmental Permitting FDEP Inspection	<ul style="list-style-type: none"> LifeChurch.TV Site Civil Design Covered Bridge Estates Fountains East PUD Jonathan's Landing Jog Road/Donald Ross Road (Palm Beach County)
Danielle Dux <i>Public Involvement / Equestrian Mobility</i> <i>*Wellington Resident</i>	Bachelor of Business Administration, Marketing/Advertising Florida Atlantic University, 2009	EEO, DBE and Payroll Compliance for LAP Projects	Public Involvement 8 Equestrian 19	Marketing Public Involvement Equestrian	<ul style="list-style-type: none"> Avid equestrian competitor 14 years of familiarity with Wellington Trails through Saddle Trail Park Recent Gold Coast Dressage Association Board Member (5 years) President, Adult Amateur Dressage Championships, Inc.
Raj Krishnasamy, PE <i>Geotechnical</i>	Master of Science, Geotechnical Engineering University of Memphis, 1995	FL PE #53567 OSHA Supervisor Environmental Consultant	25	Geotechnical Engineering Materials Testing Inspection	<ul style="list-style-type: none"> South Shore from Lake Worth to Pierson Palm Beach International Equestrian Center Wellington Park & Ride Facility Greenview Shores from Wellington Trace to South Shore



RELEVANT PROJECTS



C-23 Canal Corridor Multi-Use Path & Bridle Trail Route Survey

Location: Wellington, Florida

Client: Village of Wellington, 12300 Forest Hill Boulevard, Wellington, FL

Client Contact: Bill Riebe, 561.753.2454, wriebe@wellingtonfl.gov

Description: This project consisted of a 1.6-mile route survey for the engineering design of new 8-foot paved multi-use paths and stabilized bridle trails. This project will improve the 65-mile Wellington bridle trail system, connecting the Palm Beach International Equestrian Center west to the 365-acre Wellington Environmental Preserve bridle trails. Professional surveying services included a topographic survey, horizontal and vertical control, right-of-way determination, cross-sections, locating all improvements through the project right-of-way, and preparing survey deliverables.

Completed: June 2013

Key Staff: Eric Matthews, PSM / Sam Hall, PSM



120th Avenue Route Survey

Location: Wellington, Florida

Client: Village of Wellington, 12300 Forest Hill Boulevard, Wellington, FL

Client Contact: Bill Riebe, 561.753.2454, wriebe@wellingtonfl.gov

Description: This project consisted of a one-mile route survey for the engineering design of roadway and drainage improvements of a suburban corridor located in Wellington, Florida. Professional surveying services included horizontal and vertical control survey, establishing right-of-way lines for boundary determination, obtaining cross-sections on the existing dirt road and canal for design purposes, and locating all improvements along the corridor, including drainage structures and landscaping.

Completed: July 2012

Key Staff: Eric Matthews, PSM / Sam Hall, PSM



FEMA Flood Maps

Location: Wellington, Florida

Client: Village of Wellington, 12300 Forest Hill Boulevard, Wellington, FL

Client Contact: Bill Riebe, 561.753.2454, wriebe@wellingtonfl.gov

Description: Accuracy deficiencies contained in recent revisions to FEMA flood insurance rate maps may have far reaching insurance impacts to residents of the Village of Wellington. In an attempt to mitigate undue flood insurance expenses to Village residents resulting from widespread erroneous flood classification, WGI was issued a Work Order on our Village of Wellington continuing contract to provide the certified elevation data needed to enhance the accuracy of FEMA flood maps within the Village limits. In total, the study area for the project included approximately 48 square miles and encompassed the developed limits of the Village of Wellington.

WGI utilized aerial Light Detection and Ranging (LiDAR) to acquire elevation data on a 2-foot grid throughout the project area. Control for the project was established using static GPS methods, which included precise elevation determination in accordance with National Geodetic Survey guidelines. Two hundred ground classification elevation positions were also collected using conventional survey methods, and more than 300 geo-referenced ground cover photos were obtained.

The final deliverables included a certified FEMA classified LiDAR dataset for the study area, which includes the typical FEMA ground cover classifications (canopy, grass/shrubs, bare earth, water bodies, pavement, etc.). Index contours at .5' and digital elevation models (DEM) were also developed from the LiDAR dataset and delivered in both AutoCAD and ArcGIS formats. FEMA compliant GIS metadata was also developed and submitted to the Village.

Completed: March 2014

Key Staff: Brian LaMotte, PE / Sam Hall, PSM



LIFECHURCH.TV

Location: Wellington, Florida

Client: LIFECHURCH.TV, 4600 E. 2nd Street, Edmond, OK

Client Contact: Mark Allen, 405.680.3433, mark.allen@lifechurch.tv

Description: WGI provided engineering, environmental, surveying and construction administration services for a 32,000 square foot church located on 10 acres in the Village of Wellington. In addition to on-site improvements, which included the design and permitting of the paving, stormwater, water distribution and wastewater collection improvements, WGI also designed and permitted a right-turn lane and associated right-of-way improvements on the adjacent state highway, SR 7. Other services included site planning assistance, wastewater utility feasibility study, easement abandonment, platting and a wetland determination study and assessment.

Permits were secured from South Florida Water Management District (water use and surface water), Army Corps of Engineers, Palm Beach County Health Department, Florida Department of Transportation (drainage, right-of-way and turn-out), Village of Wellington and the Lake Worth Drainage District.

Completed: 2010

Key Staff: Brian LaMotte, PE / Jimmy Richie, PE / Jerry Saval, PE / Greg Griffith, Environmental Scientist



Atlantic Avenue / Lyons Road Force Main, Water Main, and Reclaimed Water Main Extensions

Location: Delray Beach, Florida

Client: Palm Beach County Water Utilities Department, 8100 Forest Hill Boulevard, West Palm Beach, FL

Client Contact: Adam Galicki, 561.493.6122, agalicki@pbwater.com

Description: This project included the design and permitting of an 8" watermain upgrade within a 2-block section of the City and removal of an existing watermain. In addition to a new 8" watermain, the design included coordinating existing sanitary and water service locations and their proposed tie-in locations in an effort to minimize cost and the replacement of existing services, swale reconstruction, pavement rehabilitation and resurfacing. WGI services also included a boundary, location and topographic survey to City standards, as well as subsurface utility engineering services for locating and designation of underground utilities to ensure utility conflict avoidance.

Completed: 2007

Key Staff: David Wantman, PE / Jimmy Richie, PE / Jerry Saval, PE / Greg Griffith, Environmental Scientist



Boynton Beach Regional Water Main & Lift Station

Location: Delray Beach, Florida

Client: City of Boynton Beach, 124 E. Woolbright Road, Boynton Beach, FL

Client Contact: Chris Roschek, 561.742.6413, roschekc@bbfl.us

Description: WGI was responsible for completing all survey, modeling, design, permitting and bidding services for a new regional wastewater force main and lift station for the City of Boynton Beach Utilities Department. This regional lift station which serves 30% of the City's users, intercepts flow and alleviates the excess capacity on the existing regional lift station No. 356.

The force main provides an alternate force main to the existing 36" force main along Congress Avenue and Ocean Avenue. Included were several jack and bore and directional bore crossings under Interstate 95, the CSX and FEC Railroads, and several major drainage canals.

Completed: 2009

Key Staff: David Wantman, PE / Jimmy Richie, PE / Greg Griffith, Environmental Scientist



Hood Road Extension and Roundabout

Location: Palm Beach County, Florida

Client: Palm Beach County Roadway Production, 2300 North Jog Road, 3rd Floor, West Palm Beach, FL 33411

Client Contact: Omelio Fernandez, PE, 561.684.4190, ofernand@pbcgov.com

Description: As part of the development of a 600-unit, 412-acre residential golf course community, WGI was responsible for the preparation of roadway, signing/pavement marking and signalization plans required for a 1.2-mile extension of Hood Road from Alternate A1A (SR 811) to Prosperity Farms Road. A 2-lane urban section was developed for Hood Road. Specific improvements associated with this project included a 2-lane signature roundabout to accommodate both through movements on Hood Road and turning movements to/from the new residential community. Also, traffic calming devices were designed and placed periodically along the extension route as safety enhancements for the new roadway. Additionally, the intersection of SR 811/Hood Road was signalized using a pole/mast arm system. The proximity of an active FEC railroad line, only 200 feet from the intersection, required signal preemption as well. Other services provided by WGI included environmental permitting, public involvement, title ownership research, topographical surveys, utility coordination and survey.

Completed: 2009

Key Staff: David Wantman, PE / Jerry Saval, PE



Vista Parkway

Location: Palm Beach County, Florida

Client: Northern Palm Beach County Improvement District, 359 Hiatt Drive, Palm Beach Gardens, FL

Client Contact: O'Neal Bardin, Jr., 561.624.7830, oneal@npbcid.org

Description: WGI was responsible for the preparation of milling, resurfacing, and signing and marking plans for Vista Parkway, a 4-lane divided roadway approximately 2 miles in length. The design took into account asphalt/curb interfaces, structural analysis of the pavement profile and connections to the existing driveways and roadways. Improvements associated with the project included roadway restoration, milling the existing road surface and overlay and swale and drainage improvements. Flumes were added at low points to prevent future problems of standing water on the roadway and to decrease maintenance costs. Median modifications were included to enhance public safety and aid in the traffic traveling through a hazardous divided median.

Completed: 2009

Key Staff: David Wantman, PE / Brian LaMotte, PE / Jimmy Richie, PE



Jog Road Extension

Location: Palm Beach County, Florida

Client: Palm Beach County Roadway Production, 2300 North Jog Road, 3rd Floor, West Palm Beach, FL

Client Contact: Omelio Fernandez, PE, 561.684.4190, ofernand@pbcgov.com

Description: WGI was responsible for the preparation of roadway and signing/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. A 2-lane urban section was developed for Jog Road. Donald Ross Road, previously a 2-lane rural section, was widened to a 4-lane divided rural section.

Completed: 2007

Key Staff: David Wantman, PE / Jerry Saval, PE



SW 10th Avenue Watermain Improvements

Location: Delray Beach, Florida

Client: City of Delray Beach, 434 S. Swinton Ave, Delray Beach, FL

Client Contact: Randal Krejcarek, PE, 561.243.7322, krejcarek@ci-delray-beach.fl.us

Description: This project included the design and permitting of an 8" watermain upgrade within a 2-block section of the City and removal of an existing watermain. In addition to a new 8" watermain, the design included coordinating existing sanitary and water service locations and their proposed tie-in locations in an effort to minimize cost and the replacement of existing services, swale reconstruction, pavement rehabilitation and resurfacing. WGI services also included a boundary, location and topographic survey to City standards, as well as subsurface utility engineering services for locating and designation of underground utilities to ensure utility conflict avoidance.

Completed: 2011

Key Staff: Brian LaMotte, PE / Eric Matthews, PSM



Central Boulevard Water Main and Force Main Extensions

Location: Palm Beach Gardens, Florida

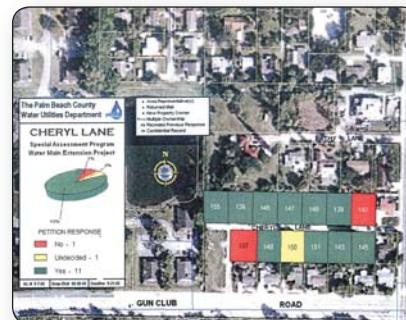
Client: Seacoast Utility Authority, 4200 Hood Road, Palm Beach Gardens, FL

Client Contact: Bruce Gregg, 561.627.2900, bgregg@sua.com

Description: WGI was responsible for the survey, design, permitting and construction observation services for an extension to complete a distribution loop within Seacoast Utility Authority's system. The extension included 6,900 linear feet of 16" water main from Hood Road to 117th Court. The project also included relocation of 1,400 linear feet of 8" sanitary force main.

Completed: 2003

Key Staff: David Wantman, PE / Jerry Saval, PE / Jimmy Richie, PE



Neighborhood Utility Distribution and Collection Systems

Location: Palm Beach County, Florida

Client: Palm Beach County Utility Department, 8100 Forest Hill Boulevard, West Palm Beach, FL

Client Contact: John Rich, 561.493.6000, jerich@pbwater.com

Description: WGI was responsible for study, design, permitting, surveying and mapping and construction phase services for water and sewer utility services in residential special assessment districts. Services also included utility conflict resolution and accommodations for existing improvements.

Project List Includes:

1. CHERYL LANE
Water Main 6" – 640 linear feet
2. EDNE & KATHY LANE
Water Main 8" – 740 linear feet
Water Main 6" – 830 linear feet
3. LAGO DEL SOL
Water Main 4" through 8" – 4,210 linear feet
4. DILLMAN HEIGHTS
Water Main 4" through 6" – 5,791 linear feet
5. HORSESHOE ACRES
Water Main 4" through 12" – 13,510 linear feet
6. SUNCREST ROAD
Water Main 6" – 2,760 linear feet

Completed: 2006

Key Staff: Jerry Saval, PE / Jimmy Richie, PE



Fort Pierce / Natural Resource Conservation Service Canal Restoration

Location: Fort Pierce, Florida

Client: City of Ft. Pierce, 100 North US 1, Fort Pierce, FL

Client Contact: Jack Andrews, PE, 772.460.2200, jandrews@ftpierceeng.com

Description: WGI, through a continuing contract with the City of Fort Pierce, was awarded a contract to provide design and construction engineering inspection for three major stormwater projects totaling \$3.4 million. As a result of the flooding caused by Tropical Storm Fay, funding for these projects was made available to the City from grants issued by the US Department of Agriculture – Natural Resource Conservation Service (NRCS) to correct critical segments of the stormwater conveyance system in the City. WGI was responsible for survey, design and construction observation services for the restoration of the City's canal systems. Included in the project was the gabion wall restoration of the Virginia Avenue Outfall Canal, a 2,000-foot long canal serving a large watershed within the City, rip-rap channel repairs to the Mayflower Canal, and culvert crossing replacements under roadways in Moore's Creek.

Completed: 2011

Key Staff: Brian LaMotte, PE / Jimmy Richie, PE

Jupiter Country Club and Parcel 19 On-Site Utilities

Location: Jupiter, Florida

Client: Toll Brothers, Inc., 5300 W Atlantic Avenue, Suite 300, Delray Beach, FL

Client Contact: Ron Blum, 561.493.8575, rblum@tollbrothersinc.com

Description: WGI was responsible for design, permitting, and construction observation services for the on-site backbone of these 2 mixed-use developments. Parcel 19 is located north of Indiantown Road and Jupiter Country Club is located south of Indiantown Road. The length of the spine roads totaled 7,250 linear feet and the golf maintenance facility was a 6.5-acre site. WGI services included the water distribution, sanitary sewer collection systems, stormwater system and paving and grading.

The project included 9,400 linear feet of 8" - 16" water main, 4,740 linear feet of 6" - 8" sanitary force main along with three lift stations and 2,400 linear feet of reclaimed water main with a metering station and stilling well.

3 Sanitary Sewer Lift Stations

- 270 gpm, 30 hp
- 260 gpm, 18 hp
- 175 gpm, 5 hp.

Completed: 2004

Key Staff: David Wantman, PE / Jimmy Richie, PE / Jerry Saval, PE



Jupiter Country Club and Parcel 19 Off-Site Utilities

Location: Jupiter, Florida

Client: Town of Jupiter Utilities, 210 Military Trail, Jupiter, FL

Client Contact: David Rotar, 561.741.2701, davidr@jupiter.fl.us

Description: WGI was responsible for completing all survey, design, permitting and construction observation services for extensions to the Town of Jupiter Water Utilities Department and the Loxahatchee River District systems to serve Parcel 19, which is west of Florida's Turnpike. The water extension also completed a distribution loop within Jupiter's system to serve additional users west of the Turnpike. Included were several directional bores crossing Florida's Turnpike, I-95 and the C-18 Canal. The extensions include:

- 7,500 Total Linear Feet of Water Main
 - 2,200 linear feet of 24" HDPE directional bore for an 18" HDPE water main
 - 1,030 linear feet of 18" HDPE directional bore for 570 linear feet of 18" HDPE water main directional bore
- 7,700 Total Linear Feet of Sanitary Sewer Force Main
 - 1,030 linear feet of 16" HDPE directional bore for a 12" HDPE force main
 - 570 linear feet of 12" HDPE force main directional bore

Completed: 2005

Key Staff: Jimmy Richie, PE / Jerry Saval, PE



The Hamptons at Central Gardens

Location: Palm Beach Gardens, Florida

Client: ZOM Florida, 200 E Broward Boulevard, Suite 1200, Ft. Lauderdale, FL

Client Contact: Kyle Clayton, 954.779.7950, krc@zomusa.com

Description: WGI was responsible for survey and infrastructure design services for a 224-unit, multi-family apartment complex located on 22.73 acres in northern Palm Beach County. The project included boundary and topographic surveying, platting, construction layout and as-builts along with the design of water distribution, sewage collection, paving, grading and stormwater drainage collection systems. The infrastructure improvements accommodated for the pass through of drainage from the property to the south and into the San Michele community to the north. The project also included intense grading accommodations, as the finished floor elevations on the buildings were much higher than the adjacent lake.

Other major design factors included Seacoast Utility Authority 24" and 30" raw water mains, as well as FPL transmission and distribution lines that run along the western boundary line. Great care was taken to ensure that the proposed design did not conflict or interrupt service to either of those facilities. Other services included permitting through various governmental agencies including Palm Beach Gardens, Palm Beach County, Seacoast Utility Authority, Northern Palm Beach County Improvement District and the South Florida Water Management District.

Completed: 2013

Key Staff: Brian LaMotte, PE / Jimmy Richie, PE



Frenchman's Reserve

Location: Palm Beach Gardens, Florida

Client: Toll Brothers, Inc., 5300 W Atlantic Avenue, Suite 300, Delray Beach, FL

Client Contact: Ron Blum, 561.493.8575, rblum@tollbrothersinc.com

Description: WGI was responsible for site development and land planning for a 600-unit, multi-use, 432-acre residential golf course development. Services included design of the water distribution, sewage collection and stormwater drainage systems, and paving and grading design. The project involved evaluating the outfall drainage canal receiving the stormwater from this development plus a drainage area of approximately one square mile. Design services also included permitting and coordination with the developer and the various governmental agencies. WGI was responsible for providing boundary and topographic surveying, platting, civil design, construction layout, as-built surveys, construction observation, and certifications.

Completed: 2005

Key Staff: Jerry Saval, PE



EXPERIENCE WITH REGULATORY AND PERMITTING AGENCIES

WGI has extensive experience working with local permitting agencies from small municipalities and drainage districts to the federal government. Due to the depth of our staff and numerous years of experience, we feel confident that we will be able to effectively, and in a timely and cost-effective manner, secure permits for this project. Based on the type of permitting that will be required for this project, we do not see any major hurdles in the permitting of this project. In the following, we will discuss our specific experience with the permitting agencies that have jurisdiction in the Village.

Several key members of our team have prior experience working with the relevant permitting agencies. Specifically, our Contract/Project Manager has over 31 years of extensive permitting experience in Palm Beach County and the rest of our team members have all worked with the following agencies in one capacity or another either as an employee of the agency or via providing professional services through a continuing or task order contract. These agencies include: the Village of Wellington Engineering Department, Army Corps of Engineers (ACOE), Florida Department of Environmental Protection (FDEP), South Florida Water Management District (SFWMD) and the Palm Beach County Health Department.



VILLAGE OF WELLINGTON

Permits from the Village of Wellington and ACME Improvement District will need to be secured for this project. WGI's design staff is familiar with the design and permitting requirements of the Village and we look forward to working with the staff on permitting the proposed water distribution system, roadway and drainage plans. Mr. LaMotte and Mr. Holmes have both recently secured permits from the Village's utility and engineering departments and have excellent professional relationships with members of the staff in many other Village departments, including the construction inspection staff.

ACOE/FDEP

We pride ourselves on staying current with agency rules and standards and have established sound professional relationships with key decision-making personnel in each of these agencies. Our key staff members have secured permits from these agencies for numerous and diversified projects in South Florida over the years. Greg Griffith, our in-house Environmental Scientist, has worked as an employee for both the ACOE and the FDEP and has maintained a rapport with many staff members. We will utilize Greg's "inside" knowledge and extensive permitting experience, ranging from small private developments to interstate highway projects with significant environmental challenges, for this project if needed.

PALM BEACH COUNTY HEALTH DEPARTMENT (PBCHD)

The engineering design staff assigned to this contract has secured well over 100 Department of Health permits from the PBCHD. We have permitted projects from simple septic tank systems to complex water distribution and wastewater collection systems similar to the proposed project. Because of the tremendous experience we have working with the PBCHD, we are confident we will be able to professionally represent the Village in securing permits in a timely and cost-effective manner.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD)

As the Water Management District that oversees all stormwater related projects in the Village, it is important to have a consultant that knows the rules and design criteria of the SFWMD. It is also important that the consultant be familiar with the SFWMD staff and know who to call upon for the most accurate and reliable data. Our Key Staff Engineers, Surveyors and Environmental Scientist have excellent relationships with the SFWMD and are intimately familiar with their design and permitting requirements. In addition, WGI currently holds a continuing contract for Surveying and Mapping services with the SFWMD; a contract we have held for over 12 years. Our grades from SFWMD are excellent and we continue to provide this important client with stellar service; thereby enhancing what is already a positive working relationship. Because this project lies within the SFWMD C-51 Drainage Basin, an engineer knowledgeable in the criteria of this drainage basin and how it will affect the design of a project in the basin will be very important. This project will need to address the C-51 criteria based on additional imperviousness and loss of soil storage due to the paving of the roadways.

COST AND QUALITY CONTROL FOR SIMILAR WORK

Municipalities rely on accurate cost estimates so that their Capital Improvement Projects stay within budget. WGI provides accurate cost estimates on a regular basis for our municipal, county and state clients. Critical to providing accurate cost estimates is the ability of the engineer to determine precise quantities and measurements. WGI performs quantity computations with the greatest degree of accuracy and takes pride in providing detailed and thorough cost estimates. With ever changing prices in construction costs, it is vital to have a consultant who understands the industry and can obtain up-to-date quotes in an expedient manner. WGI staff members are expertly trained in this area and are fully capable of providing precise and accurate cost estimates for any type of project.

In order to provide accurate cost estimates, there are several activities we perform during the design of a project. These activities include a thorough Quality Control and Quality Assurance Program that is integral to every design we produce. During this process, we have engineers and surveyors who are not directly involved with the project perform thorough reviews of not only the plans, specifications and calculations, but also cost estimates which are reviewed in conjunction with the plan and calculation review to ensure accuracy and conformity. Due to the regularity with which we perform this type of service for clients similar to the Village, we are able to stay in tune with the latest pricing trends and any escalation in costs of construction materials and labor. We keep a database of past projects and bid prices on similar projects to better understand the construction industry pricing and costs for site development infrastructure.

PENDING, ONGOING AND PAST LAWSUITS AND CLAIMS

WGI has had no lawsuits or claims in the past three years and there are no pending, ongoing or past lawsuits or claims with Clients, Subconsultants or Vendors. There are no locations or clients where WGI is banned, disqualified or prohibited from providing professional services.

TAB 9: APPROACH & METHODOLOGY



PROJECT APPROACH AND METHODOLOGY

PROJECT UNDERSTANDING

The Saddle Trail Park (STP) community encompasses ninety-eight (98) single-family homes and is located in the western municipal limits of the Village of Wellington (Village). Greenbriar Boulevard bifurcates STP and divides the development into a northern and southern section; both platted in 1980 and constructed soon thereafter. The southern portion of STP lies between Greenbriar Boulevard to the north, the ACME C-4 Canal to the east, the C-2 Canal to the west and the C-23 Canal to the south. The development is within hacking distance to the world-renowned Palm Beach International Equestrian Center and a majority of the homes include stables, riding rings and similar equine facilities. Bridle trails provide interconnectivity throughout the one square-mile development providing an exclusive area for equestrians and access to the Equestrian Center, located just across Pierson Road to the south of STP. The Village has been working with the STP- South homeowners and recently received majority support for community improvements that include paved roadways and Village supplied water services.

- **Roadways:** The typical roadway cross section is a 60-foot right-of-way with 20 feet of shellrock roadway, two 20-foot sodded swales and two eight-foot compacted shoulders.
- **Water Distribution and Wastewater Collection:** The property owners within the STP - South neighborhood have wells and septic tanks to accommodate potable water and wastewater needs.
- **Drainage:** Drainage within the community includes both roadside and bridle path swale drainage and a system of interconnected catch basins and culverts that direct the stormwater to the adjacent ACME Improvement District canals. The lots drain to the roadway swales and drainage easements (bridle paths) where stormwater is directed to catch basins. The catch basins are located in the roadside and bridle path swales and spaced at varying distances.
- **Equestrian and Vehicular Traffic:** The shellrock roads are utilized by both equestrian and vehicular traffic for circulation throughout the development. The bridle paths are utilized solely by equestrians and consist of mulch, sod and shellrock surfaces.
- **Funding:** Funding for the project will be provided by the proceeds of Improvement Bonds, which will be repaid by levying annual assessments to the affected property owners pursuant to Chapter 170 Florida Statutes.
- **Equestrian Master Plan:** WGI's staff is aware that the Village is in the first stages of the creation of Wellington's first master plan for the 9,200-acre equestrian preserve area. As part of the overall planning and design effort for these improvements, WGI will be active participants in this process and work with the Village's planning staff. If possible, and appropriate, we will incorporate relevant findings or recommendations resulting from the master planning process into our vehicular and bridle path design.

APPROACH AND METHODOLOGY

WGI is very cognizant of the daily challenges this project will bring and the sensitivity to property owners and their horses that will be required, especially while the project is under construction. The overall success of this project will require a complete understanding of these challenges. WGI's typical Design Approach and Methodology for a project of this nature incorporates a well thought-out design, stakeholder input, realistic scheduling and a phasing plan that will result in minimal community disturbance, along with the highest degree of safety for pedestrians, horses and motorists. In addition, we will be cognizant of the budget and the municipal bonding requirements stipulated in Florida Statute Chapter 170 for funding criteria and restrictions.

CROSS SECTION ALTERNATIVES

Alternative typical sections within the 60-foot right-of-way will be focused on the balance required to provide two paved travel lanes, stabilized shoulders and a new adjacent bridle trail. In our experience, the final typical section selected may, in part, be dictated by constructibility constraints related to the following:

- Providing safe access for equestrians during construction.
- Providing adequate drainage improvements that alleviate the standing water after rainfall events.
- Installation of new water lines that minimize impacts to encroachments within the right-of-way that include landscaping, irrigation, fencing and motorized gates.
- A traffic control phasing plan that implements a logical sequence of construction and addresses safe access for motorists, pedestrians and horses during construction.

DESIGN, PERMITTING, AND CONSTRUCTION

PAVING OF THE EXISTING SHELLROCK ROADS

The existing 20-foot (+/-) wide shellrock roadways require maintenance on a regular basis to address continuous rutting and washouts and to maintain an acceptable riding surface. In addition, many homeowners have tired of the constant dust generated from vehicular



traffic. It is the desire of the Village and a majority of the STP - South property owners to pave the existing twenty-foot wide shellrock roadways. The corridor will include a pavement design that meets the Village's standards and specifications based on the type and amount of traffic anticipated, including loads from horse trailers. The additional runoff as a result of paving the roadways will be directed to the existing swales to meet both conveyance and water quality treatment criteria.

The most challenging aspect in the design and construction of the roadways is not the design, but the construction methods used, and phasing of the construction operations. Because of the equestrian nature of the STP - South community, noise, safety concerns, and traffic disruption created by the construction will be critical issues. We understand the knowledge and sensitivity required to mitigate the disruption that comes from a paving operation (slamming of truck gates, backup beepers and vibratory compaction) and we will prepare a set of construction documents that take into account the various needs of the property owners to keep motorists and equestrian traffic disruption, noise and overall inconveniences at an absolute minimum.

Water quality and quantity requirements will need to be addressed due to the increased amount of impervious area resulting in loss of soil storage (quantity) and runoff from the proposed pavement (quality). In addition, because this project is within the SFWMD C-51 Drainage Basin, compensating storage criteria will need to be met. We will address these water management issues by increasing the volume of water that can be stored in the roadside and bridle path swales. There appears to be sufficient opportunities in both of these areas to adequately address water quality, quantity and C-51 Basin compensating storage requirements.

CONSTRUCTION OF NEW EQUESTRIAN TRAILS

STP - South Equestrians utilize the Blue Trail and the shellrock roadways for hacking to the showgrounds, working horses outside of an arena environment, cooling horses after schooling, and leisure trail rides. Conflict between vehicles and horses is inevitable, and thus creates safety concerns. Property owners without access to the Blue Trail rely on the shellrock roads for access to the Trail, showgrounds, and other properties. Additionally, golf carts, mini bikes, and bicycles often accompany the equestrian traffic as they commute to and from their farms in STP - South.

Currently, bridle trails that run parallel to paved roads have a fence to delineate the trail from the shoulder. Fence along Greenbriar Boulevard is 2-rail wood fence. Along Ousley Farms Road, portions of Pierson Road, and South Shore Boulevard, it is 3-rail fence. Most trails are grass, dirt, or milled asphalt. Drainage is a considerable factor as most equestrians will not use trails that are muddy/soupy or under water. These conditions present a risk for injury to the horses or loss of horseshoes.

Careful attention to the location of the trails, proper signage, and footing will allow horse and rider to move safely from their farms to the showgrounds and other properties. Speed limits are an additional concern. Design speed limit and posted speed limits should reflect the purpose of FS 316.0825, which states, "Motorists are required to use reasonable care when approaching or passing a person who is mounted or leading an animal upon a roadway or shoulder thereof, and shall not intentionally startle or injure such an animal."

DRAINAGE SYSTEM RECONSTRUCTION

The drainage system, consisting of a series of roadside swales, catch basins and culverts which drain into the surrounding ACME canals and roadside swales, is in need of repair, reconstruction and/or regrading. Over the years, due to the development and construction of homes, swales have been compromised by roadway washout, building construction, driveway construction and lack of maintenance. There are four areas of concern that are contributing to the poor drainage in this development:

- **Swales:** The original longitudinal slopes in the swales have been interrupted by driveways, landscaping, filling and property owner improvements, which contributes to the lack of runoff from the right-of-way and standing water. In other areas, the swale side slopes have not been maintained or have been filled in completely.
- **Driveway Culverts:** Numerous driveway drainage culverts have not been maintained and have been crushed or filled by soil and debris resulting in stormwater not properly flowing in the swales past many of the driveways. Also, there are several driveways that do not have culverts to allow swale drainage to flow through the swales to the catch basins.
- **Distance between Drainage Structures:** The design of this development relies on the swales to convey stormwater to drainage structures. In our review of the original design, there are numerous areas along the right-of-way and bridle paths where drainage structures are spaced as far as 1,705 and 1,290 feet apart with minimal slopes. Based on the distance and slopes, and that there has been minimal maintenance, construction, as well as landscaping planted within the right-of-way, there is a need to add additional drainage structures at key areas in the right-of-way.
- **Landscaping:** Landscaping will be a tremendous challenge in the design of the roadway, drainage and bridle paths. There are



The Absence of Swales or Appropriate Culverts Results in Ponding



numerous areas within this development in which landscaping has been planted in the right-of-way, and/or has grown into the right-of-way. There will need to be an educational and coordination component to this project that will inform property owners about the need to have certain landscaping removed before the construction phase. There are some areas within the development where the landscaping comes within 4 feet of the edge of the roadway.



Driveway Culverts Similar to this one Located on Laurel Trail will have Significant Cost Impacts to Homeowners if not Properly Considered

PUBLIC WATER DISTRIBUTION SYSTEM

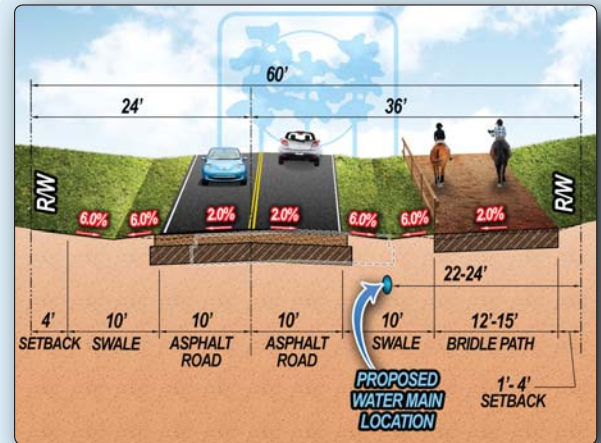
The proposed water distribution system will be designed as a "looped" system throughout the development and will be connected to the Village's existing water distribution system. WGI will design the water distribution system to meet both domestic and fire flow requirements. In our analysis of the system, we will perform a hydraulic model of the anticipated domestic flows as well as ensure the system meets current fire flow demands for a development of this type.

Similar to the roadways, the design and construction of the water distribution system will be critical to the success of this project.

The design will need to take into account phasing so that the entire community is not inconvenienced by construction-related activities at the same time. Due to the location of the existing driveways, and the extent to which private property owners have invested in improvements within the right-of-way, we would propose to design the watermain within the right-of-way to avoid as many driveway and drainage culvert improvements as possible and to design it with future maintenance in mind. Once the watermain is installed, tested and accepted by the Palm Beach County Health Department, the asphalt roadway surface can be constructed. Water service connection locations and service line sizes will be coordinated with every property owner during the design phase to establish tie-in, meter locations, and sizes.



Landscape in Right-of-Way



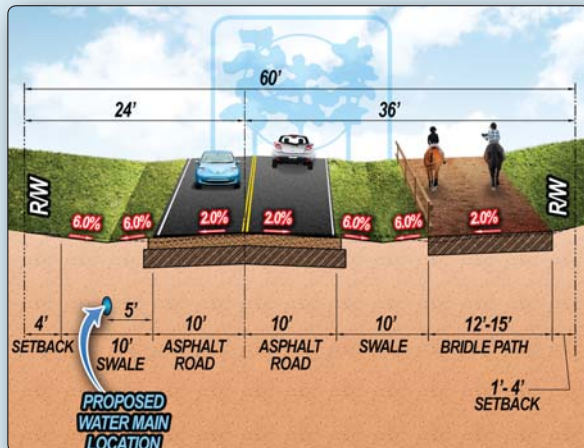
Proposed Alternative Typical Section 1

PROS

- Construction avoids most significant driveway impacts
- Construction can be performed without significant disruption
- Lower maintenance cost of repair

CONS

- Valve boxes in swales



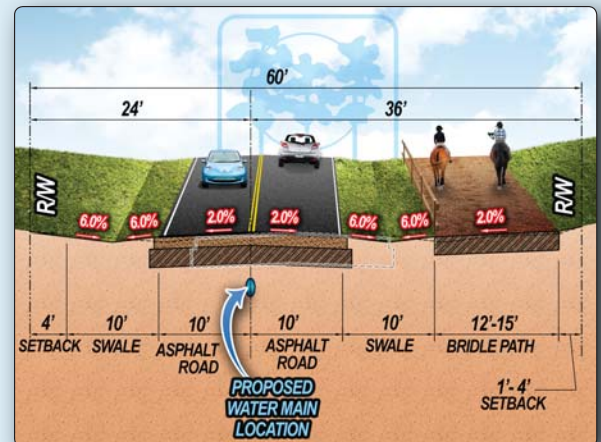
Village's Conceptual Typical Section

PROS

- Location of watermain is outside of proposed pavement
- Lower maintenance costs due to no pavement repair and replacement

CONS

- Driveway access; driveway repair and replacement (higher construction costs)



Proposed Alternative Typical Section 2

PROS

- Construction avoids most significant driveway impacts

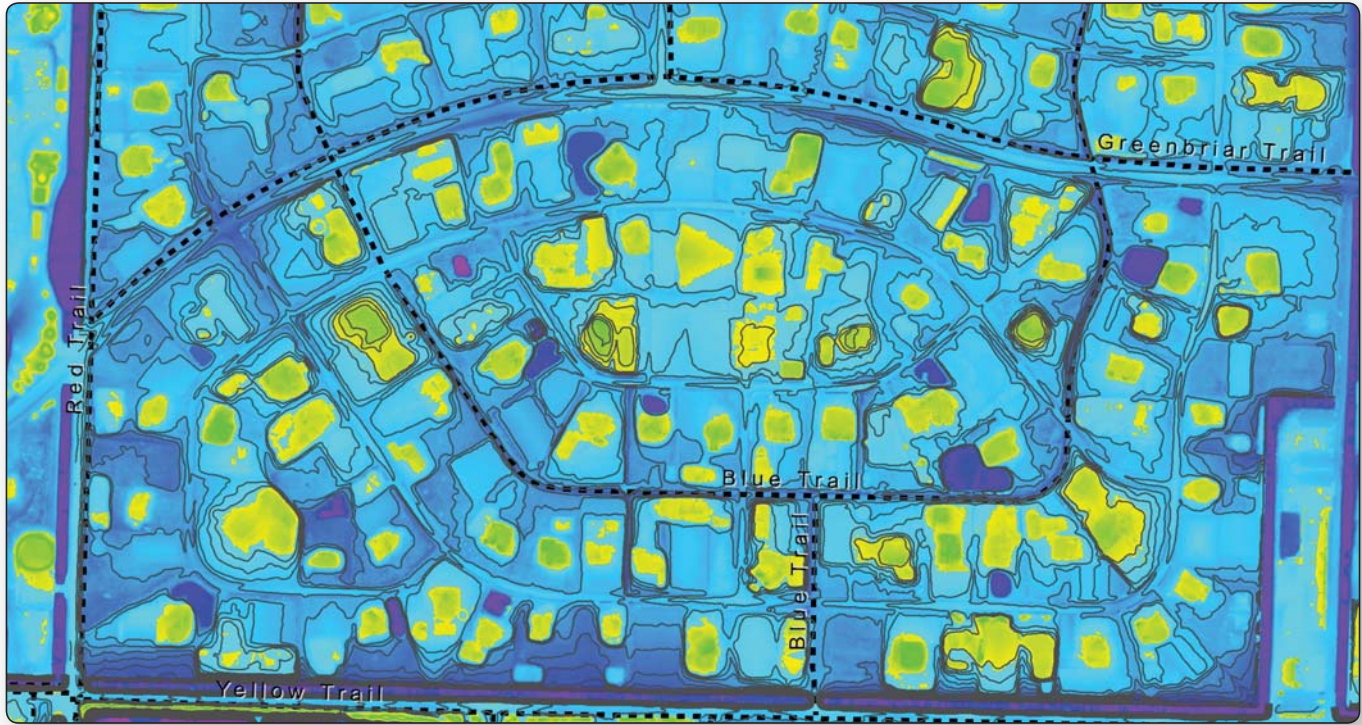
CONS

- Higher maintenance costs due to pavement repair and replacement
- Additional disruption of vehicular traffic during construction



SURVEYING

Accurate survey data will be critical to a successful design and this project will rely on survey data for a complete understanding of the existing swale drainage issues and for the proper grading of the roadways to correct these problems. WGI's survey field crews and technicians will closely coordinate with the design engineers to ensure the right data is collected in the field and that this data can be easily incorporated into the engineering design plans. We will utilize the extensive LiDAR survey data that the Village has recently acquired to supplement our field survey. Utilizing the LiDAR information, a very accurate, and comprehensive dataset can be compiled for use in the engineering design.



Contour and Elevations Map of Saddle Trail Park (South) Completed by WGI Earlier this Year Provides Us With a Unique Advantage to Understanding the Global Drainage Concerns

FUNDING

It is our understanding that the funding for this project will be provided by the proceeds of improvement bonds, which will be repaid by levying annual assessments to the affected property owners pursuant to Chapter 170 Florida Statutes, "Supplemental and Alternative Method of Making Local Municipal Improvements". Our Contract/Project Manager, [Brian J. LaMotte, PE](#), will be the WGI representative working with the Village staff and bond council in the establishment of the funding and assessment methodology. The assessment methodology is a process to fairly and accurately assess the property owners in the development for the benefits received by the proposed improvements. Mr. LaMotte is familiar with the role the engineer plays in this form of funding and has extensive experience implementing the Chapter 170 requirements.

The Chapter 170 Statute clearly spells out the role of the engineer in the assessment methodology. Two of the most important tasks the Engineer-of-Record has in the Chapter 170 process are: 1) establishing an accurate and fair assessment methodology and assessment role that mirrors benefits received by each property owner and; 2) establishing the cost of improvements that will be the basis of the bonds. The cost estimate has to be complete and accurate and will consider all costs that will be incurred in the engineering design, surveying, compiling the Report of Engineer and Assessment Methodology, construction related inspection services and the actual costs of the construction. The required reporting and legal proceedings required to secure the bonds are additional tasks that will be completed.

The assessment to the property owners must be fair and defensible and the methodology varies based on the type of improvement proposed. The Engineer is required to analyze the type of improvements and how the improvements benefit each property owner to determine the appropriate method to fairly assess the property owners. For this project, we would use a definable and measurable assessment methodology based on factors such as:

- Acreage of each lot separate from the right-of-way
- Linear footage of frontage along the right-of-way
- Traffic trips



- Water usage / ERC's
- Percent of impervious versus pervious area
- Or, a combination of several of the above criteria

As the Engineer representing the Village in securing the bonds, you can be assured that we have the experience and knowledge to guide the Village through this process and will coordinate with the bond council to secure the appropriate funding for this project.

TRAFFIC CONTROL DURING CONSTRUCTION

In every aspect of the design, traffic safety will need to be incorporated for the safe flow of vehicular traffic. Equally as important is the safety of the horses and riders that will be utilizing the roadways and bridle paths during construction. Our design engineers, along with our in-house equestrian/public involvement personnel, will review how both vehicles and equestrians utilize the roads and paths concentrating on seasonal demands, time-of-day usage, preferred routes for horse riders, separation between users and construction activities, noise, etc. We will prepare a construction phasing plan and location of the proposed underground and above ground infrastructure improvements based on these factors. We understand from our many years of experience that there will be construction related points of conflict that will drive this project's success. A well planned-out design and phasing plan and understanding the various nuances of an equestrian community are essential in avoiding these conflicts and will result in a smooth and safe construction operation.



Riders make extensive use of the existing shellrock roads and they require significant space to safely navigate the right-of-way.

PUBLIC MEETINGS / PUBLIC OUTREACH

Given the nature of the STP - South community, it is essential to conduct public meetings to gather input from the property owners that will be affected by the proposed improvements. Obtaining feedback from the property owners early in the process develops consensus at the onset and provides a full understanding of their past concerns, an understanding of their needs and concerns and develops consensus at the onset and end of the project. This process ensures that property owners fully understand the schedule from the initial design and permitting phase through construction, as well as a thorough understanding of the Chapter 170 funding mechanism and how they will be individually assessed for the improvements.

This affluent and equestrian dominated community must be kept fully apprised of the proposed improvements as well as two-week construction "look-aheads" that keep residents, staff and visitors current on upcoming activities, detour routes and safety elements. WGI has professional, knowledgeable staff that are able to assist the Village in the development of a comprehensive and well thought-out plan to steer this project through this potentially difficult process. Therefore, to supplement our public outreach and information sharing, we are proposing to prepare an animation video of typical vehicular and equestrian traffic interaction during construction that provides an accurate 3-dimensional representation of the completed improvements and circulation patterns. This video will depict the interaction between motorists and equestrians as they share the roadways during construction. Video animation is a tool we have successfully used to illustrate, in a realistic animation media format, how we propose to maintain traffic in the community during construction and depict the finished project.

MITIGATION OF CONSTRUCTION ACTIVITY DISRUPTION AND CONFLICTS

- **Phasing of the Construction** – WGI will review the scope of work and coordinate with the Village and the contractor to develop a workable construction schedule so that the construction operations are kept at a minimum and are restricted to one section of the development at a time. Special equestrian events, periods of peak activities and seasonal demands will all be components considered.
- **Location of proposed water and drainage improvements** - WGI will incorporate locations of underground utilities into the design to avoid conflicts that will cause additional construction time and excessive disruption to vehicular and equestrian traffic, as well as destruction and access to private property.
- **Clear and concise design plans** – WGI will prepare clear and well thought-out plans and construction documents to avoid construction delays and change orders. These plans will be incorporated into our quality control process (discussed later in this section) and will go through a constructability review to ensure the project can be built as designed.
- **Dewatering Operations** - Because dewatering operations are a very disruptive operation during construction due to the constant noise from the pumps and dewatering discharge, we will ensure that the construction documents clearly spell out the times of operation, location of dewatering discharge and maximum noise levels. We also see ways that dewatering can be minimized or possibly completely eliminated and will discuss these cost-saving ideas with the Village.



PERMITTING

The permits required for the design and construction of the STP - South project are as follows:

Village of Wellington

- Drainage and Right-of-Way Reviews and Approvals

ACME Improvement District/Village of Wellington

- Drainage Permit (Village of Wellington Basin A)

South Florida Water Management District/U.S. Army Corps of Engineers

- Environmental Resource Permit (ERP) - Stormwater Quality and Quantity Management
- De-watering Permit – Construction Activities
- C-51 Basin Floodplain Compensation (to be included in the SFWMD ERP)

PROJECT MANAGEMENT

The WGI Team is proud to offer the highest quality service to the Village through a customized approach to this contract. Tailoring the approach, modifying the schedule and fine tuning the scope to address this challenging assignment ensures an efficient, effective and successful project from initiation to the project's close-out.

The WGI Team has an exceptionally strong project management approach that includes communications between Village staff and WGI Team members; alternative designs and innovative ideas; decision making; and management of project scheduling and budgeting. Our Assistant Project Manager, **Chris Holmes, PE**, will be responsible for ensuring that the STP - South project is completed on schedule and within budget. He will assign the appropriate team members to each task and will be responsible for the technical aspects of implementing the approved plan. He will also be responsible for project conflict resolution at the technical level. The WGI Team is experienced in working with municipal staff and will bring that expertise to this contract to deliver a sound, aesthetically pleasing, cost-effective and low-maintenance project.

MAINTAINING EFFECTIVE COMMUNICATION

Mr. LaMotte and Mr. Holmes will be responsible for maintaining appropriate communication with the Village by providing monthly status reports on the progress of current assignments. These reports will outline the milestones accomplished, the plans for the following month and any other pertinent information needed to ensure the success of the project. When needed, WGI will hold project status meetings with Village staff and stakeholders to further communicate all information related to the project. We understand it is very important to keep clients informed at all times during the planning, design, permitting, and construction phases. If concerns arise, we will deal with them head-on so that they can be resolved quickly.

QUALITY CONTROL

TECHNICAL REVIEW COMMITTEE

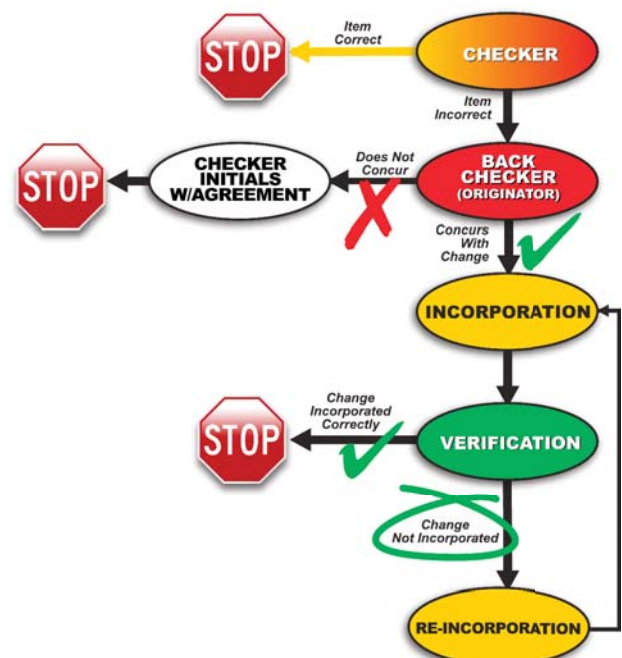
WGI Team's Technical Review Committee:

Mr. Brian J. LaMotte, PE, will serve in the role of Contract Manager/ Project Manager and will assist in overseeing the overall performance of this contract as well as providing the day-to-day contact with the Village. With the numerous municipal and special district projects Brian has managed, from not only a design perspective, but as the contact person that interacts with municipal representatives and stakeholders, he has design, permitting, and construction experience to effectively analyze a situation and make the right decision. Brian has over two decades of local experience with Chapter 170 and the complexities of municipal bonding for infrastructure improvements.

Mr. David Wantman, PE, will lead the Team's Quality Assurance/Quality Control (QA/QC) Program. WGI has adopted the quality control procedures utilized by the Florida Department of Transportation, which are systematic in nature and require several different professionals to complete the checking and back-checking of work products. He is well versed in the fundamentals of roadway, drainage and water distribution design, cost estimating and construction.

Our team's Technical Review Committee will work closely with all team members to ensure each task is completed professionally and accurately,

Quality Control Flow Chart





while meeting all permitting requirements for Village of Wellington and other regulatory agencies.

Quality plans are the cornerstone of our firm's philosophy. Our staff clearly understands the value associated with delivering a quality product and we clearly understand the importance of this project. 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 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 and Report Checking

Prior to any submittal, all plans and reports, including design calculations, will be checked and back-checked in accordance with the procedures outlined in the QA Manual to assure compliance with current industry standards and codes. We will also review plans prepared by other consultants on the team 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.

QUALITY CONTROL TRACKING STAMP			
QC ACTIVITY	%	TASK OR DESCRIPTION	
READY		ORIGINATOR:	
		DATE:	
REVIEWER		REVIEWER:	
CORRECT (Yellow), CHANGE		DATE:	
CONCURRENCE		ORIGINATOR:	
ORIGINATOR (Red)		DATE:	
CHANGES MADE		ORIGINATOR:	
(Yellow)		DATE:	
CHANGES VERIFIED		REVIEWER:	
(Green)		DATE:	

This Stamp is your Assurance that QC is Completed at Every Phase.

COST CONTROL

We understand the challenging financial and budgetary issues facing all municipalities and property owners today and will be very sensitive to providing the Village with services that meet the budget and achieve the goals of this project. Through internal peer reviews, input from the Village and value engineering, we will continuously look at alternative methods and processes to reduce costs in all areas of the project including design, permitting and construction.

The WGI Team has exceptional experience in developing particular methodologies and implementing innovative techniques specific to a unique project scope. The Team realizes that innovation and cost saving measures are extremely important components of any project and we will work especially hard to ensure the most efficient and effective methods are utilized. Following are some of the ideas and anticipated cost savings methods WGI will implement in the design, permitting, and construction of the STP - South improvements.

ANTICIPATED COST SAVING METHODS

Survey

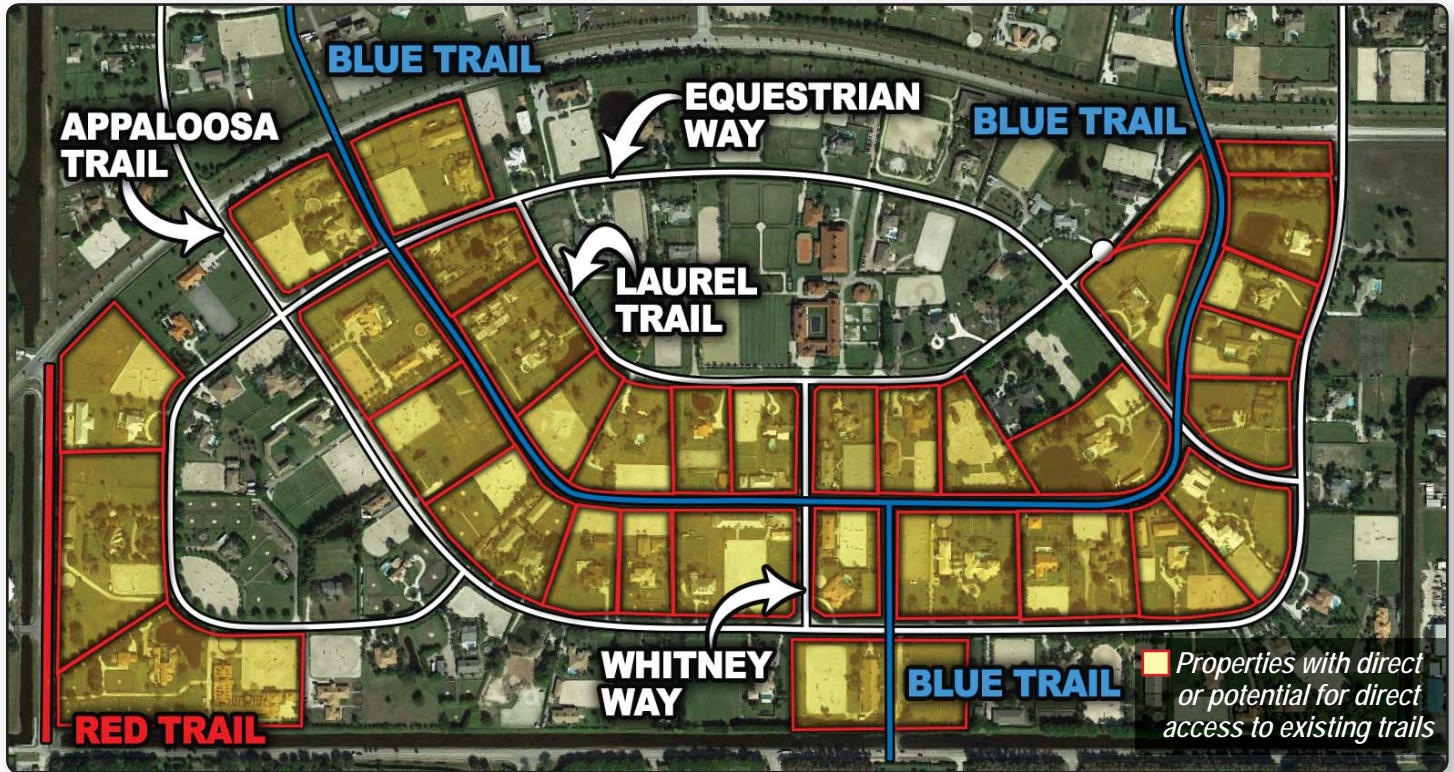
WGI just recently incorporated the use of an Aerial LiDAR Digital Terrain Mapping process in delivering a 48-square mile survey to the Village. The survey provided very accurate and extensive elevation verification information for FEMA. We will utilize the portions of the LiDAR survey associated with this development to supplement the field surveys. By utilizing this data, we anticipate a significant saving in the surveying costs, and also a more comprehensive and complete survey to use in the engineering design and stormwater analysis.

Analysis of the Stormwater/Drainage Collection System

In performing a thorough review and analysis of the stormwater and drainage systems, we feel there may be opportunities to save on construction costs. We will evaluate innovative approaches and alternative methods to reduce costs due to the significant amount of drainage improvements we anticipate will be required to correct the swales, driveway access and replacement and the lack of catch basins in the development. It would be easy to develop a design typical section that would correct all these issues with no consideration for cost, but it will be more important to take a very in-depth look at ways to incorporate all the proposed improvements. For example, because of the excessive distance between some catch basins, there may be ways to incorporate additional basins into the existing system rather than reconstruct the swales and driveways. Obtaining drainage easements between properties that drain into the adjacent ACME canals is another potential solution.

Bridle Path Connectivity

With bridle paths, it is all about connectivity. In order to save on construction costs for the bridle paths, we will look at each property owner's access to a trail. We understand that certain property owners have access to the trails though their rear and side property. In our analysis of the bridle paths, we will look at the best location for the proposed bridle paths to safely serve as many property owners as possible. For instance, we will review the number of property owners that will need to be served by a bridle path where paved roads will be constructed and analyze ways to combine trails.



Careful Assessment of Accessibility and Connectivity Must Be Conducted to Ensure Ease of Access for Equestrians

Construction Phasing

Project phasing will be looked at for several reasons. First, phasing reduces construction time and, in turn, reduces cost. We will design a phasing plan that will accomplish the goal of disrupting as few property owners as possible, and simultaneously advances the improvements with little or no down time to the contractor. The phasing plan and the design plans will need to factor in safe access for the horses to the trails, pedestrians, vehicular traffic, water main construction, construction equipment access, testing and turnover. A good phasing plan will accomplish many goals, but mainly it can save costs and create a much more desirable experience for the property owners and horses.

Peer Reviews

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

Constructability Reviews

Constructability reviews are an important part of the review process. With an experienced Construction Manager reviewing our plans, we ensure a smooth transition from plans to final product. We will utilize constructability reviews for every phase of production to identify potential construction issues and resolve them before we get to the field.

Removal Agreements

WGI, with the assistance of the Village staff, will review any "Removal Agreements" that have been issued to the property owners in the community for improvements constructed in the right-of-way. There may be driveways, gates and architectural improvements in the right-of-way subject to a Removal Agreement. If so, there may be potential project cost savings to have the property owners subject to an Agreement remove and replace these improvements at their own expense.



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