CITY OF DELRAY BEACH
100 NW 1st AVENUE, DELRAY BEACH, FL 33444

AGREEMENT FOR PROFESSIONAL SERVICES

RFQ 2017-048 (918-42, 918-89, 906-56)

KEITH AND SCHNARS, P.A.

AGREEMENT
FOR
PROFESSIONAL SERVICES (CCNA)

AGREEMENT NO. RFQ 2017-048 (918-42, 918-89, 906-56)

THIS AGREEMENT is made and entered into this 31st day of August, 2017 (the "effective date"), by and between the **City of Delray Beach,** a Florida municipal corporation (hereinafter referred to as "City"), whose address is 100 NW 1st Avenue, Delray Beach, Florida, 33444, and **Keith and Schnars, P.A.,** a Florida corporation (hereinafter referred to as "Consultant"), whose principal address is 6500 North Andrews Avenue, Fort Lauderdale, Florida 33309.

WHEREAS, the City desires to retain the services of the Consultant to provide certain Professional Services in accordance with the City's Request for Qualifications RFQ 2017-048, Continuing Engineering, Surveying, and Landscaping Architectural Consulting Services (918-42, 918-89, 906-56), and the Consultant's response thereto, which are attached hereto and incorporated herein as Exhibit "A".

NOW, THEREFORE, in consideration of the mutual covenants and promises hereafter set forth, the Consultant and the City agree as follows:

ARTICLE 1. INCORPORATION OF REQUEST FOR QUALIFICATIONS

The terms and conditions of this Agreement shall include and incorporate the terms, conditions, and scope of services set forth in the City's Request for Qualifications, RFQ 2017-048, and the Consultant's response to the Request for Qualifications, including all addenda and documentation required thereunder.

ARTICLE 2. SCOPE OF SERVICES

The Consultant shall provide Professional Services to the City, under the following categories of work as defined in the Request for Qualifications:

a. Category(s)

i. Engineering Services
ii. Surveying/Mapping Services
iii. Landscape Architectural Services

The Consultant shall provide the services on an as-needed and project-by-project basis, based on work requests from City departments through the issuance of Service Authorizations.

ARTICLE 3. COMPENSATION

The City shall pay the Consultant for performing the Services based on the Prices and Rates shown in Exhibit "B", which is attached hereto and incorporated herein.

ARTICLE 4. TERM

The term of this Agreement shall be from the effective date until August 30, 2022, unless terminated beforehand as provided for in Article 5. Nothing contained in the Request for Qualifications or this Agreement shall be construed by the Consultant as a guarantee of work from the City. The City reserves the right to extend the Agreement for one, two-year term, providing all terms conditions and specifications remain the same, both parties agree to the extension, and such extension is approved by the City.

At the City's request, the Consultant shall continue services beyond the final expiration date. This extension period shall not extend for more than one year beyond the final expiration date of the Agreement. The Consultant shall be compensated at the rate in effect when this extension period is invoked by the City.

ARTICLE 5. TERMINATION

a. This Agreement may be terminated by the City, with or without cause, upon providing written notice to the Consultant. This Agreement may be terminated by the Consultant upon thirty (30) days' prior written notice to the City. Upon any such termination, the Consultant waives any claims for damages from such termination, including, but not limited to, loss of anticipated profits. Unless the Consultant is in breach of this Agreement, the City shall pay the Consultant for services rendered through the date of termination in accordance with the terms of this Agreement.

b. The continuation of this Agreement beyond the end of any fiscal year shall be subject to both the appropriation and the availability of funds in accordance with Florida law.

ARTICLE 6. LAW, JURISDICTION, VENUE, WAIVER OF JURY TRIAL

This Agreement shall be interpreted and construed in accordance with and governed by the laws of the state of Florida. All Parties agree and accept that jurisdiction of any controversies or legal problems arising out of this Agreement, and any action involving the enforcement or interpretation of any rights hereunder, shall be exclusively in the state courts of the Fifteenth Judicial Circuit in Palm Beach County, Florida, and venue for litigation arising out of this Agreement shall be exclusively in such state courts, forsaking any other jurisdiction which either party may claim by virtue of its

residency or other jurisdictional device. **BY ENTERING INTO THIS AGREEMENT, SECOND PARTY AND CITY HEREBY EXPRESSLY WAIVE ANY RIGHTS EITHER PARTY MAY HAVE TO A TRIAL BY JURY OF ANY CIVIL LITIGATION RELATED TO THIS AGREEMENT. IF A PARTY FAILS TO WITHDRAW A REQUEST FOR A JURY TRIAL IN A LAWSUIT ARISING OUT OF THIS AGREEMENT AFTER WRITTEN NOTICE BY THE OTHER PARTY OF VIOLATION OF THIS SECTION, THE PARTY MAKING THE REQUEST FOR JURY TRIAL SHALL BE LIABLE FOR THE REASONABLE ATTORNEYS' FEES AND COSTS OF THE OTHER PARTY IN CONTESTING THE REQUEST FOR JURY TRIAL, AND SUCH AMOUNTS SHALL BE AWARDED BY THE COURT IN ADJUDICATING THE MOTION.**

ARTICLE 7. ATTORNEY'S FEES

Any costs or expense (including reasonable attorney's fees) associated with the enforcement of the terms and for conditions of this Agreement shall be borne by the respective Parties, however, this clause pertains only to the Parties to this Agreement.

ARTICLE 8. MISCELLANEOUS PROVISIONS

a. Notice Format. All notices or other written communications required, contemplated, or permitted under this Agreement shall be in writing and shall sent by certified United States Mail, postage prepaid, return receipt requested, or sent by commercial express carrier with acknowledgement of delivery, or by hand delivery with a request for a written receipt of acknowledgment of delivery, addressed to the party for whom it is intended at the place last specified. The place for giving notice shall remain the same as set forth herein until changed in writing in the manner provided in this section. For the present, the Parties designate the following:

As to the City:
City of Delray Beach
100 NW 1st Avenue
Delray Beach, FL 33444
Attn: City Manager

With a copy to:
City of Delray Beach
200 NW 1st Avenue
Delray Beach, Florida 33444
Attn: City Attorney

As to the Consultant:

Keith and Schnars, P.A.
6500 North Andrews Avenue
Fort Lauderdale, Florida 33309
Attn: Joe L. Gomez, Senior Vice President of Engineering

b. Headings. The headings contained in this Agreement are for convenience of reference only and shall not limit or otherwise affect in any way the meaning or interpretation of this Agreement.

c. The documents listed below are a part of this Agreement and are hereby incorporated by reference. In the event of inconsistency between the documents, unless otherwise provided herein, the terms of the following documents will govern in the following order of precedence:

i. Terms and conditions as contained in this Agreement.

ii. Terms and conditions of RFQ 2017-048.

iii. Consultant's response to RFQ 2017-048 and any subsequent information submitted by Consultant during the evaluation and negotiation process.

(The remainder of this page intentionally left blank)

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the date hereinabove first written.

CITY OF DELRAY BEACH, FLORIDA

By: _____
Cary D. Glickstein, Mayor

ATTEST:

By: _____
Katerri Johnson, City Clerk

APPROVED AS TO FORM AND LEGAL SUFFICIENCY

By: _____
R. Max Lohman, City Attorney

CONSULTANT

By: _____

Title: SR. VICE PRESIDENT

WITNESSES:

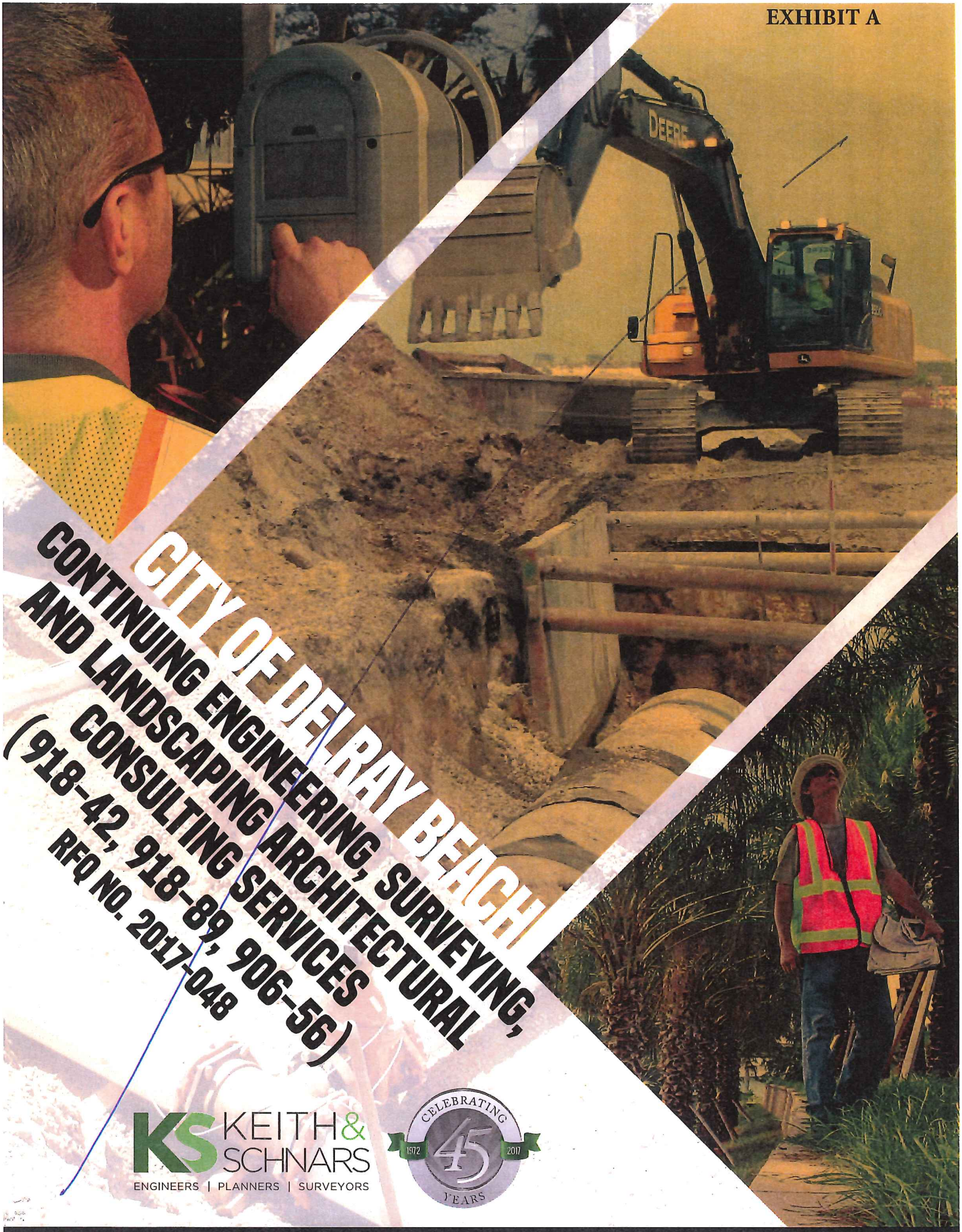
By: _____

Print Name: RAMON LLANA

By: _____

Print Name: MICHELLE TOGHIANI

EXHIBIT A



CITY OF DELRAY BEACH

CONTINUING ENGINEERING, SURVEYING, AND LANDSCAPING ARCHITECTURAL CONSULTING SERVICES

(918-42, 918-89, 906-56)

RFQ NO. 2017-048

KEITH & SCHNARS

ENGINEERS | PLANNERS | SURVEYORS

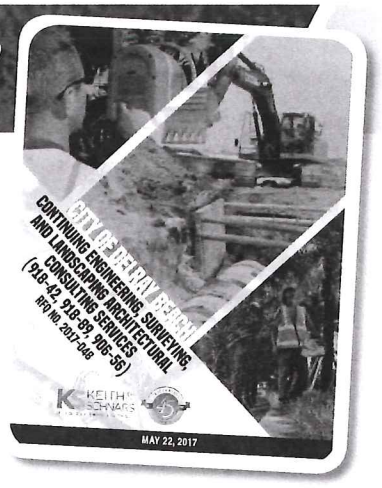
CELEBRATING 45 YEARS 1972 2017

MAY 30, 2017

TABLE OF CONTENTS

KS KEITH& SCHNARS

leading the way



May 30, 2017

City of Delray Beach
Purchasing Office
100 NW 1st Avenue
Delray Beach, Florida 33444

Re: RFQ No. 2017-048 Continuing Engineering, Surveying, and Landscaping Architectural Consulting Services (918-42, 918-69, 906-56)

Dear Selection Committee Members:

On behalf of **Keith & Schnars (K&S)** I am pleased to present our professional consulting experience and qualifications to the city of **Delray Beach (City)** for continuing Engineering, Surveying and Landscape Architectural consulting services. We appreciate your consideration of this submittal and are excited about the possibility of providing the City with the highest quality of services available in south Florida.

K&S is a premier, full-service engineering and consulting firm. We offer multi-disciplinary expertise in the fields of engineering, land surveying, landscape architecture, planning and environmental services. Our company has played a key role in the development of Florida's growing environmental infrastructure.

The corporate history of K&S is rare and rich in tradition. We can trace our inception back to 1929, when we were one of Florida's first surveying firms, and our incorporation to 1972. We have distinguished ourselves by striving to retain a small firm feel and personal touch, while serving as one of Florida's industry leaders. K&S possesses extraordinary industry reach and experience; however it is dedicated to providing detailed, specialized care to each individual client. We combine insight with knowledge gained over the course of many successful years of operation. We offer innovative results that deliver value.

The depth and breadth of our technical knowledge and functional expertise is truly uncommon. Our practical understanding of regulatory requirements and diverse project experience has been developed over decades as a market leader in the industry. We take great pride in the fact that our work has literally influenced, shaped and redefined the landscape of Florida. We will be fully dedicated and committed to the details of this contract.

Understanding of the Scope of Work: Successful delivery for this "on-call" contract requires a team that has the expertise to address any type of project, meet all expectations and reach successful completion under any schedule required, including possible multiple assignments at the same time. K&S has this expertise and is uniquely qualified to fulfill this contract. We have contributed to a wide range of projects throughout the state of Florida – from mega-construction endeavors, valued at over $200M, to small culvert replacement, pavement rehabilitation, and bicycle/pedestrian facility designs.

We pride ourselves on being adaptable and responsive to the needs of our clients. We have the flexibility to fashion our approach to meet all technical and non-technical requisitions; the ability to immediately "pivot" when conditions change; and can call upon our vast resources to meet any schedule commitment. Our staff's commitment to stateof-the-art technology and practices has allowed K&S to differentiate itself as a deliverer of superior, impactful solutions. K&S is fully equipped and experienced to perform HD 3D Laser Scanning for all types of projects including, Roadway DTM, Existing Building As-builts, New Construction As-builts, Historic Building Documentation, and many others that will benefit the City.

Beyond traditional Design-Bid-Build, we have completed numerous projects in Florida using Design-Build (DB), Construction Management at Risk (CM@R), and Public-Private Partnership (P3). During these projects, we worked directly with contractors. Our extensive resume has provided us with a deep understanding of construction means, methods and "what things cost" – from materials, equipment, labor, and general conditions. We will use this knowledge to design every proposal under this contract by first asking: "How would a contractor build this most efficiently?" We will craft solutions and develop designs that are economical. We create value for our clients, while reducing their overall project costs.

6500 North Andrews Avenue, Fort Lauderdale, Florida 33309 | (954) 776-1616 | Fax (954) 771-7690

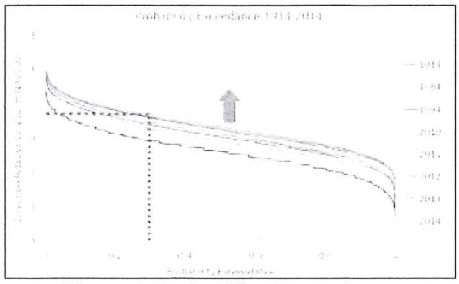


Figure 1: Probability Exceedance

Critical Issues for Delray Beach: As climate change strains aging infrastructure through higher storm intensities and **Sea Level Rise**, the resilience of infrastructure is becoming a critical issue for the coastal communities. Impacts of sea level rise present major challenges related to maintenance, accelerated failure of aging infrastructure, higher health risks associated with saltwater intrusion, elevated groundwater levels and greater leakages. The K&S Team has analyzed the hourly data for sea level trends, including 100 years of data with more than 870,000 points, and plotted the probability exceedance curves shown in Figure 1: Probability Exceedance.

As displayed in the graph, there is a trend of probability exceedance curves moving upwards, indicating the overall **Rise of Sea Levels** during any tidal conditions. For instance, the red dotted line indicates that 30% of the time (or more than 100 days during year 2014) sea levels rose approximately 8-inches. At K&S, we believe that we are well past adaptation of climate change. With our engineering and design solutions, we stay ahead of the curve in responding to these climate change effects. Our expertise is at the disposal of the City.

The Team: To ensure successful completion of this important contract, K&S has partnered with **Gahagan & Bryant Associates, Inc. (GBA)** to provide Coastal Engineering and Marine Engineering. GBA is the largest engineering firm in the United States specializing in dredging and marine related projects.

Single-Point of Contact: The K&S Team is organized around a single contact point for Project Management – Joe L. Gómez, P.E. As a Senior Vice President of Engineering at K&S, Mr. Gómez is responsible for resource management on all of our engineering and construction projects throughout Florida. He has over 39 years of diverse civil engineering, transportation planning and design and construction experience and was the Director of Operations and District Construction Engineer for FDOT District 6.

For each effort, Mr. Gómez will select a Task Leader based on his/her relevant project history, availability for the duration of the task, and overall compatibility with the City's expectations. The selected Task Leader will serve as the day-to-day project delivery lead, responsible for project management and coordination of technical work. Mr. Gómez will be briefed weekly by each task leader on the progress of each specific assignment. This interaction will ensure: (1) performance at or higher than the levels expected by the City; and, (2) adequately resourced tasks. Mr. Gómez will also be available to meet with City staff members on a bi-weekly basis, or more frequently if requested by the City, to discuss projects and K&S Team performance. He will also be available, at any time, to address unforeseen events, effects of related actions, new directions by leadership, and/or any other issues important to the City.

Our Commitment to the City: K&S has a long, distinguished history of working relationships with municipalities. As the President and CEO of K&S, and more importantly, as a resident of Delray Beach, I will ensure that Mr. Gómez and his team have the full support of senior management at K&S; we will provide the City with the most experienced and qualified team available.

It is truly an honor to be considered for the immense responsibility of serving the City of Delray Beach in its quest to design, develop and prepare its community for the future. We believe we are uniquely qualified for this project and welcome the City of Delray Beach to take advantage of our talent and experience.

Respectfully submitted,
Keith & Schnars

Errol Kalayci, Esq.
President/CEO

Form A - Proposal Submittal Signature Page

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

Firm Name: Keith & Schnars

Street Address: 6500 North Andrews Avenue, Fort Lauderdale, FL 33309

Mailing Address (if different from Street Address):

Telephone Number(s): (954) 776-1616

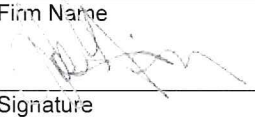
Fax Number(s): (954) 771-7690

Email Address: jgomez@ksfla.com

Federal Identification Number: 59-1406307

Acknowledged by:

Keith & Schnars
Firm Name



Signature

05/30/2017
Date

Joe L. Gómez, P.E., Senior Vice President of Engineering
Printed Name and Title

By signing this document, the Proposer agrees to all terms and conditions of this RFQ which includes the Sample Agreement.

THE EXECUTION OF THIS FORM CONSTITUTES THE UNEQUIVOCAL OFFER OF PROPOSER TO BE BOUND BY THE TERMS OF ITS PROPOSAL. FAILURE TO SIGN THIS SOLICITATION WHERE INDICATED ABOVE BY AN AUTHORIZED REPRESENTATIVE SHALL RENDER THE PROPOSAL NON-RESPONSIVE. THE CITY MAY, HOWEVER, IN ITS SOLE DISCRETION, ACCEPT ANY PROPOSAL THAT INCLUDES AN EXECUTED DOCUMENT WHICH UNEQUIVOCALLY BINDS THE PROPOSER TO THE TERMS OF ITS PROPOSAL.

(Remainder of page intentionally left blank)

Form A - Signature Authority

Indicate below Proposer's type of organization and provide the required documentation as applicable to demonstrate that the executor of Proposer's Proposal is duly authorized to execute on behalf of, and as the official act of, Proposer.

Select	Type of Organization	Officer Who Signed Proposal Submittal Signature Page	Required Authorizing Documentation
☒	Corporation	President, Vice President, or Chief Executive Officer	None
☐	Corporation	Director, Manager, or other title	Corporate resolution
☐	Limited Liability Company (LLC) – Member-Managed	Member	Articles of Organization or Operating Agreement
☐	Limited Liability Company (LLC) – Manager-Managed	Manager	Articles of Organization or Operating Agreement
☐	Limited Partnership	General Partner	Document demonstrating the legal authority to bind the Limited Partnership
☐	Partnership	Partner	None
		CEO, Director, Manager or other title	Authorizing documentation
☐	Individual	Individual	None

☒ **Documentation is not required.**

☐ **The required authorizing documentation is included with Proposal.**

PROPOSER'S STATEMENT OF ORGANIZATION

A. Legal contracting name including any dba.

- Keith and Schnars, P.A. dba Keith & Schnars

B. State of organization or incorporation.

- Incorporated in the state of Florida

C. Ownership structure of Proposer's company. (e.g., Sole Proprietorship, Partnership, Limited Liability Corporation, Corporation)

- Corporation

D. W-9

Form **W-9**
(Rev. December 2014)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Give Form to the requester. Do not send to the IRS.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
KEITH AND SCHNARS, P.A.

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification; check only one of the following seven boxes:
☐ Individual/sole proprietor or single-member LLC ☐ C Corporation ☒ S Corporation ☐ Partnership ☐ Trust/estate
☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶
Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner.
☐ Other (see instructions) ▶

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):
Exempt payee code (if any)
Exemption from FATCA reporting code (if any)
(Applies to accounts maintained outside the U.S.)

Print or type
See Specific Instructions on page 2.

5 Address (number, street, and apt. or suite no.)
6500 NORTH ANDREWS AVENUE

Requester's name and address (optional)

6 City, state, and ZIP code
FORT LAUDERDALE, FL 33309

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number
___ - ___ - ____

or

Employer identification number
59 - 1 4 0 6 3 0 7

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here — Signature of U.S. person ▶ [signature] Date ▶ **April 3, 2017**

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at *www.irs.gov/fw9*.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

Cat. No. 10231X — Form **W-9** (Rev. 12-2014)

E. Contact information for Proposer's Corporate headquarters.
Address: 6500 North Andrews Avenue
City, State, Zip: Fort Lauderdale, FL 33309
Phone: (954) 776-1616

F. Contact information for Proposer's Local office (if any).
Address: N/A
City, State, Zip:
Phone:

G. Contact information for Proposer's primary representative during this RFQ process.
Name: Joe L. Gómez, P.E.
Phone: (954) 776-1616
E-mail: jgomez@ksfla.com
Mailing Address: 6500 North Andrews Avenue
City, State, Zip: Fort Lauderdale, FL 33309

H. Contact information for Proposer's secondary representative during this RFQ process.
Name: Jake Ozyman, P.E.
Phone: (954) 776-1616
E-mail: jozyman@ksfla.com
Mailing Address: 6500 North Andrews Avenue
City, State, Zip: Fort Lauderdale, FL 33309

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

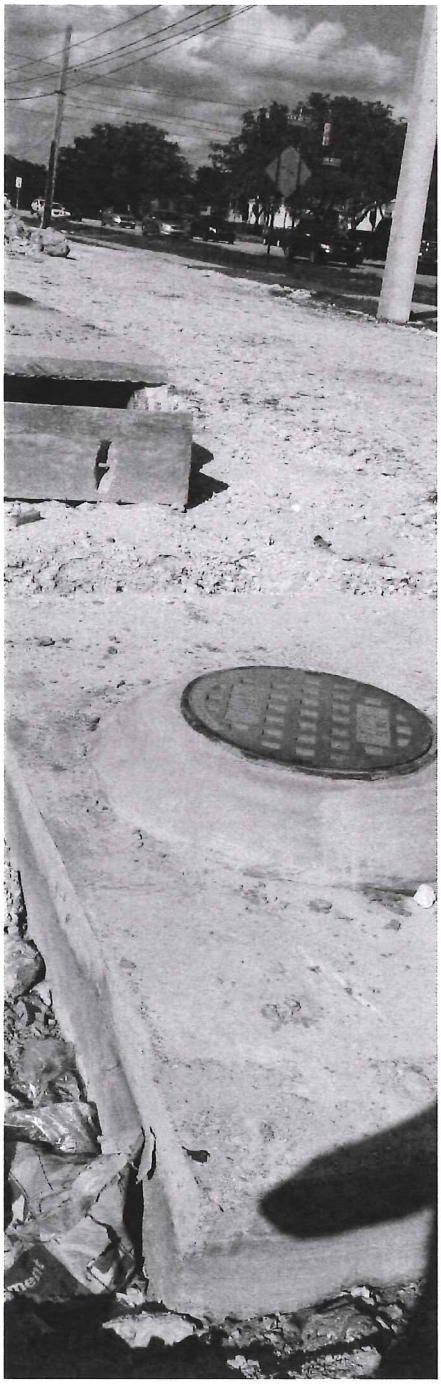
OWNERS AND OFFICERS	TITLE	ADDRESS	PHONE
Tanzer Kalayci, P.E.	Senior Member/Advisor to the Board of Directors	6500 North Andrews Avenue Fort Lauderdale, FL 33309	(954) 776-1616
Errol Kalayci, Esq.	President	6500 North Andrews Avenue Fort Lauderdale, FL 33309	(954) 776-1616
Mark J. Moshier, P.E.	Executive Vice President	6500 North Andrews Avenue Fort Lauderdale, FL 33309	(954) 776-1616
Joe L. Gómez, P.E.	Senior Vice President	6500 North Andrews Avenue Fort Lauderdale, FL 33309	(954) 776-1616
C. Bryan Wilson, P.E.	Vice President of Transportation	6500 North Andrews Avenue Fort Lauderdale, FL 33309	(954) 776-1616
Robert K. Krisak, P.L.S.	Vice President of Surveying & Mapping	6500 North Andrews Avenue Fort Lauderdale, FL 33309	(954) 776-1616
Bruce Reed, RLA	Vice President of LA, Planning, & Environmental	6500 North Andrews Avenue Fort Lauderdale, FL 33309	(954) 776-1616
Anthony Hilliard, Esq.	Vice President of Production	6500 North Andrews Avenue Fort Lauderdale, FL 33309	(954) 776-1616

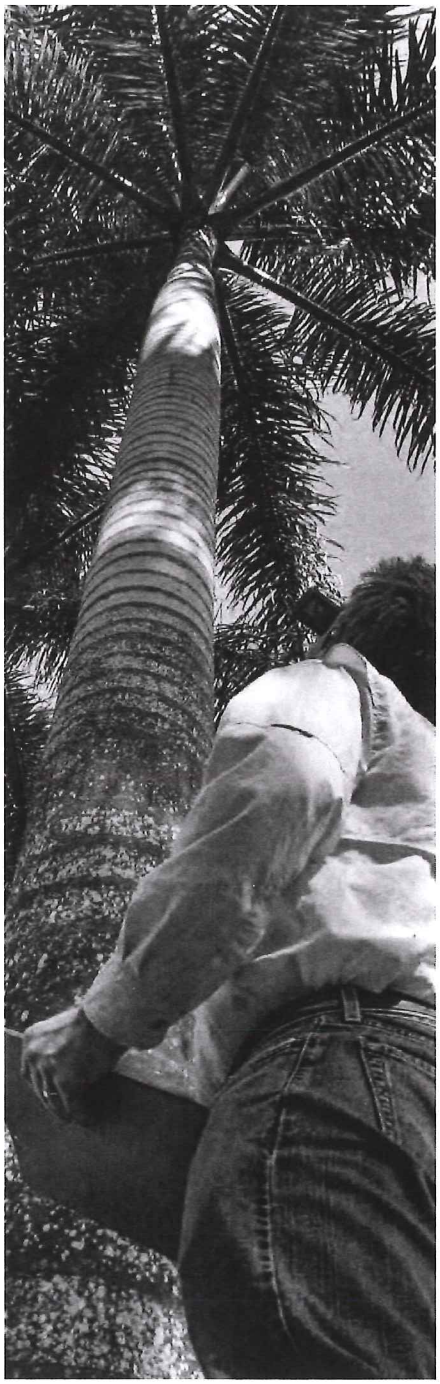
J. Briefly summarize any current or pending litigation in which Proposer is a part to.

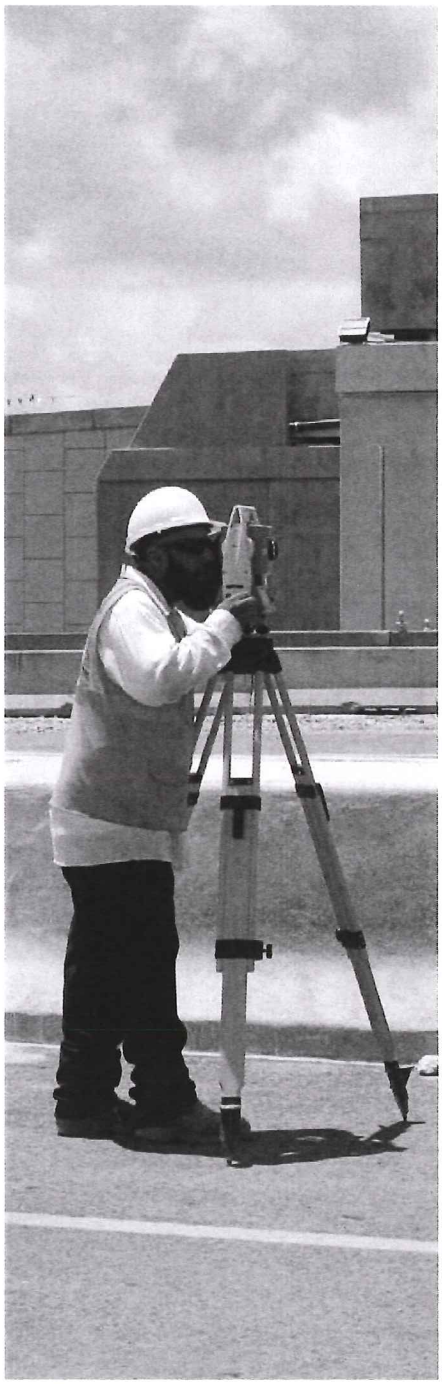
- K&S have no current or pending litigation. All matters have been resolved.

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

- There have been no ownership changes within the past two years nor any anticipated changes.







KEITH & SCHNARS LICENSES AND CERTIFICATIONS

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
115 S. Andrews Ave., Rm. A-100 Ft. Lauderdale, FL 33301-1895 – 954-831-4000
VALID OCTOBER 1, 2016 THROUGH SEPTEMBER 30, 2017

DBA:
Business Name: KEITH & SCHNARS PA

Receipt #: 415-51989
Business Type: ENGINEER (P.E. & ENGINEER/SURVEYOR)

Owner Name: KEITH & SCHNARS PA
Business Location: 6500 N ANDREWS AVE
FT LAUDERDALE
Business Phone: 305-776-1616

Business Opened: 07/16/1993
State/County/Cert/Reg: NEED
Exemption Code:

Rooms	Seats	Employees	Machines	Professionals
		16		

For Vending Business Only

Number of Machines:		Vending Type:			
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
45.00	0.00	0.00	0.00	0.00	0.00	45.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT WHEN VALIDATED

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

Mailing Address:
KEITH & SCHNARS PA
6500 N ANDREWS AVENUE
FORT LAUDERDALE, FL
33309-2132

Receipt #1CP-15-00018437
paid 08/09/2016 45.00
08/08/2016 Effective Date

2016 - 2017

sunbiz.org

Department of State / Division of Corporations / Search Records / Detail by Document Number /

Detail by Entity Name

Florida Profit Corporation
KEITH AND SCHNARS, P.A.

Filing Information

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Principal Address

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Changed: 07/07/1985

Mailing Address

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Changed: 07/07/1986

Registered Agent Name & Address

KALAYCI, ERROL S
6500 N ANDREWS AVE
FT. LAUDERDALE, FL 33309

Name Changed: 03/03/2010

Address Changed: 01/29/1998

Officer/Director Detail

Name & Address

Title President, CEO, Director

KALAYCI, ERROL
6500 N ANDREWS AVE.
FORT LAUDERDALE, FL 33309

State of Florida

Board of Professional Engineers

Attests that

Keith & Schnars, P A

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

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: 2/28/2019
Audit No: 228201904481 R

CA Lic. No: 1337

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.: LB1337
Expiration Date February 28, 2019

Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

KEITH & SCHNARS P A
6500 N ANDREWS AVE
FT LAUDERDALE, FL 33309-2132

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 BUSINESS AND PROFESSIONAL REGULATION
BOARD OF LANDSCAPE ARCHITECTURE

LICENSE NUMBER	
LCC000137	

The LANDSCAPE ARCHITECT BUSINESS
Named below HAS REGISTERED
Under the provisions of Chapter 481 FS.
Expiration date: NOV 30, 2017

KEITH AND SCHNARS, PA
6500 N ANDREWS AVE
FT LAUDERDALE FL 33309-2132

State of Florida

Board of Professional Engineers

Attests that

Jose Luis Gomez , P.E.

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

Expiration: 2/28/2019 P.E. Lic. No: 35526

Audit No: 228201906173 R

State of Florida

Board of Professional Engineers

Attests that

Jake C. Ozyman , P.E.

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

Expiration: 2/28/2019 P.E. Lic. No: 74421

Audit No: 228201917894 R

State of Florida

Board of Professional Engineers

Attests that

Charles Bryan Wilson , P.E.

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

Expiration: 2/28/2019 P.E. Lic. No: 43447

Audit No: 228201922832 R

State of Florida

Board of Professional Engineers

Attests that

Roberto Manuel Rubio-Roach , P.E.

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

Expiration: 2/28/2019 P.E. Lic. No: 48982

Audit No: 228201928572 R

State of Florida

Board of Professional Engineers

Attests that

John Peter Krane , P.E.

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

Expiration: 2/28/2019 P.E. Lic. No: 48952

Audit No: 228201923292 R

RICK SCOTT, GOVERNOR KEN LAWSON, SECRETARY

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

LICENSE NUMBER	
LA6667091	

The LANDSCAPE ARCHITECT
Named below HAS REGISTERED
Under the provisions of Chapter 481 FS
Expiration date: NOV 30, 2017

HOOSAC, KIRK PATRICK
2411 NW 31 COURT
OAKLAND PARK FL 33309

ISSUED 11/15/2015 DISPLAY AS REQUIRED BY LAW SEQ # L1511150001684

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.: LS4641
Expiration Date February 28, 2019

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

ROBERT KEVIN KRISAK
6344 NW 52ND ST
POMPANO BEACH, FL 33067-2150

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

State of Florida
Board of Professional Engineers
Attests that
Georgio Ivanov Tachiev , P.E.

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019 P.E. Lic. No:
Audit No: 228201917433 R 67520

GAHAGAN & BRYANT ASSOCIATES, INC. LICENSES AND CERTIFICATIONS

State of Florida
Board of Professional Engineers
Attests that
Clay M. Bryant , P.E.

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019 P.E. Lic. No:
Audit No: 228201928266 R 43882

CONFLICT OF INTERESTS

Disclose the name of any officer, director or agent who is also an employee of the City. Disclose the name of any City employee who owns, directly or indirectly, any interest in the Proposer's firm or any of its branches. If no conflicts of interests are present, Proposer must submit a statement to that affect.

- There are no conflict of interests between K&S and the City. We do not have any directors, officers, or agents employed with the City.

Section A. EXPERIENCE, BACKGROUND, REFERENCE FEEDBACK

i. Professional Service Discipline and/or Sub-discipline

Our team would like to provide the following services to the City:

1. Engineering
2. Surveying and Mapping
3. Landscaping Architectural Design Services
4. Civil Engineering
5. Structural Engineering
6. Transportation Engineering
7. Environmental/Natural Resources
8. Water Resources/Stormwater Management (includes stormwater, potable water, reuse water, conveyance, supply, transmission, treatment, storage)
9. Coastal and Marine Engineering

ii.a. Brief Overview of Services To Be Provided

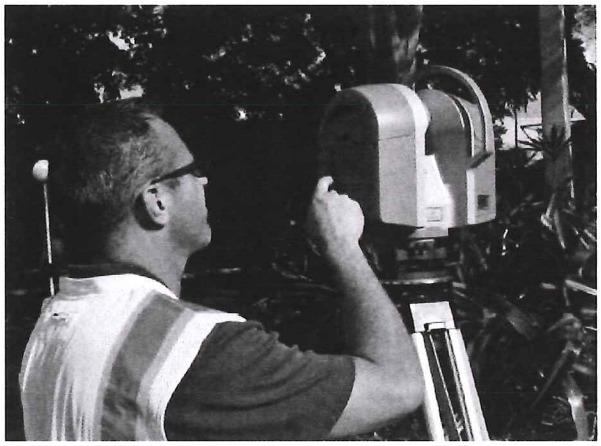
Surveying and Mapping Services

Our firm began as one of Florida's earliest surveyors, and has grown into one of the leading GPS survey firms in the state. We offer a full range of land survey and mapping services, both in support of our design projects and as stand-alone services. We understand that successful design demands meticulous and accurate technical mapping. Our survey staff takes care in performing their work to ensure accuracy while maintaining efficiency.

We use state-of-the-art technology, including total stations and global positioning equipment, when providing survey information and mapping services to our clients. Our field personnel are trained in advanced survey techniques including those required for boundary delineations, bathymetric survey and the development of municipal GIS databases. Our GPS equipment includes modern Trimble Dual-Frequency Receivers, and mapping is prepared by our AutoCAD and GIS specialists.

Our six full-time crews have received Maintenance of Traffic (MOT) training to ensure proficient and safe work practices, on and around South Florida's busy roadways.

K&S is proud to offer state-of-the-art 3D Laser Scanning capabilities. We are fully equipped to perform HD 3D Laser Scanning for all types of projects including, Roadway DTM, Existing Building As-Builts, New Construction As-Builts, Historic Building Documentation, and many others.



Laser Scanning is much safer than traditional survey methods. It keeps surveying personnel out of traffic and harm's way on construction sites. Laser Scanning is the fastest method to assess as-built new, existing or historic features, and does not require physical access to the area being scanned. Laser Scanning produces a highly accurate, true to scale as-built of everything it can see. These scans can then be turned into 2D and 3D CAD data that is compatible with current CAD and design software.

Specific services include:

- LiDAR Scanning
- Boundary, Topographic & Bathymetric Survey
- Bridge Data Surveys, Digital Terrain Models
- Construction and As-Built Surveys
- Construction Stakeout
- ALTA/ACSM Certifications
- Easement Mapping
- Land Record Research
- FEMA Certifications
- Expert Testimony
- GIS-Based Utility Mapping

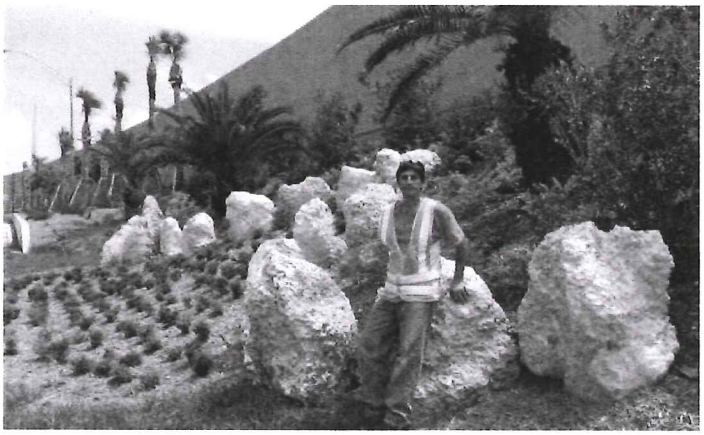
Landscape Architectural Services

The landscape architects at K&S apply artistic principles and technical design standards to enhance every project that we produce. Through careful analysis of the natural landscape and the programmatic needs of our clients, the firm's landscape architects collaborate with engineers, planners and scientists to develop context-sensitive design solutions.

Our design work includes commercial facilities, municipal parks, streetscapes, traffic calming, residential communities and institutional facilities. We have provided landscape architectural services to more than 30 parks and recreation projects. We have also provided services to over 100 streetscape, traffic calming, and roadway landscape projects for both state agencies and local municipalities. The variety of our client base has provided us with a broad range of experience in unique design elements ranging from urban skate parks and woodland trails to high-end commercial developments.

Specific services include:

- Master Planning
- Urban Design
- Site Planning
- Streetscape Design/Complete Streets
- Parks/Bikeways/Greenways/Multi-use Trails
- Residential and Commercial Developments
- Subdivisions
- Landscape & Maintenance Inspections
- Hardscape Design
- Irrigation Design
- Site Amenities
- Planting Design



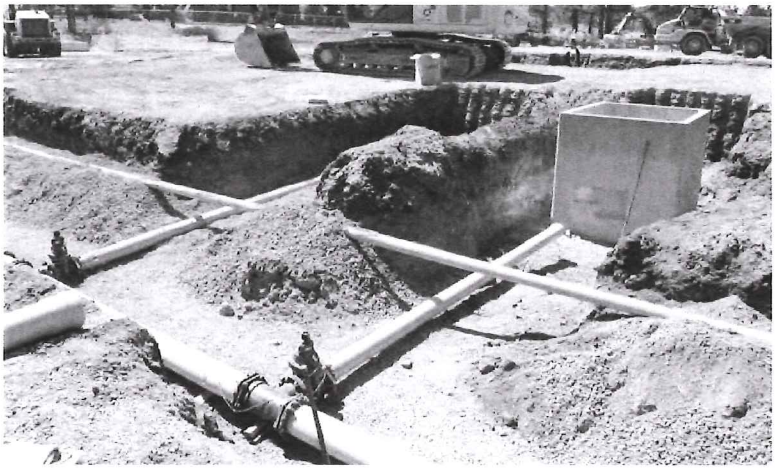
Civil Engineering Services

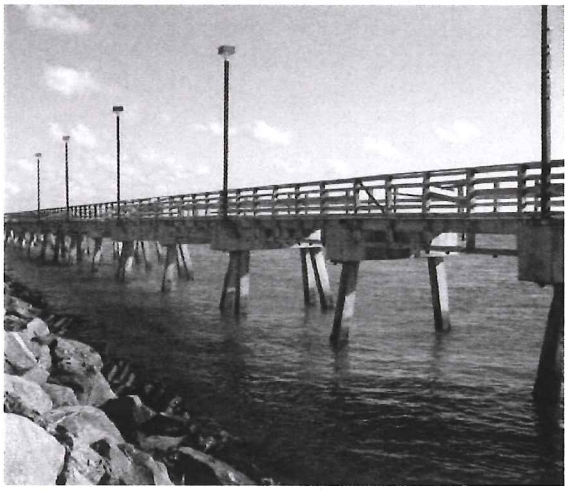
K&S has been serving clients in all aspects of civil engineering throughout its history. Our engineers work with clients to realize their visions from concept development through construction, with an understanding that each project and client is unique. Our site design work is completed by a collaborative team of engineers, landscape architects and environmental scientists. Each team brings a variety of experience to each project. We believe this has contributed to our outstanding reputation, which has been built and perfected over time. Our private sector clients include counties, municipalities and drainage districts throughout the state of Florida. Over the past few years, we have designed over a half million linear feet of utility improvements. Our civil engineers are LEED accredited professionals, CPSWQs, and low impact development specialists. We strive to maintain the most up-to-date knowledge of advanced site design processes, minimizing environmental impact in all of our work.

Our private sector resume includes a list of well-known land development clients, for projects ranging from 2 to 5,000 acres in size. Having completed close to 100 DRIs, we've gained decades of experience in this specialty. From large modeling and master plans to specific construction documents and inspection services, our full array of Civil Engineering Services provides the versatility to meet the changing needs of our public and private clients.

Specific services include:

- Feasibility Studies
- Site Master Planning
- Site Planning and Design
- Hydrologic and Hydraulic Analysis
- Stormwater Management
- LEED Accredited Design
- Low Impact Design Solutions
- Erosion Control Plan Development
- Septic System Design and Permitting
- Structural Engineering and Design
- Land Use Permitting
- Flood Mitigation
- Coastal Structure Design
- Peer Review





Structural Engineering

K&S has provided structural engineering services to the FDOT, County governments, municipal road departments, and numerous private developers. We routinely provide these governmental agencies with services on all types of bridge projects, from small access road bridges, to major bridges providing vital transportation links. We also provide plan phase reviews and constructability plan reviews; Project Development and Environmental (PD&E) Studies; bridge development reports; bridge and associated retaining wall design; bridge inspection and bridge rehabilitation; bridge construction engineering and inspection; and structural design of overhead signs, signal mastarms, lighting, and box culverts. We also provide a full range of services for other miscellaneous structural projects, including piers, docks, utility crossings and supports, boardwalks, marinas, and pedestrian bridges.

Transportation Planning & Engineering

K&S has a long history of providing transportation planning and engineering services to numerous public sector clients throughout Florida. The team has participated in and/or managed every aspect of transportation improvement projects from traffic impact analysis and improvement recommendations through concept development and roadway/bridge design to construction administration. Services include preliminary and final design, permitting, utility coordination, right-of-way acquisitions, environmental assessments, remediation and construction engineering inspection and administration. We work hand in hand with our clients to understand the existing condition, and to develop solutions that exceed expectations. Whether we are widening and expressway, redesigning a "complete street" or engineering a pedestrian bridge, our engineering staff routinely collaborates with our in-house planners, landscape architects and environmental scientists to satisfy the goals and objectives of our client.

If you have driven on any section of I-95, almost anywhere in South Florida, you are already quite familiar with our work. Our engineers are committed to sustaining the state of Florida's infrastructure. For the better part of four decades, we are known for providing economical and low-maintenance solutions to difficult transportation infrastructure challenges.

Specific services include:

- Preliminary Engineering/PD&E Studies
- Corridor Planning & Feasibility Studies
- Traffic Studies and Analyses
- Traffic Calming Studies
- Transportation Alternative Development and Analysis
- Transit-Oriented Development and Multimodal Planning
- Parking Studies & Design
- Traffic Control and Signal Design
- Roadway Design
- Structural Design
- Construction Engineering & Inspection
- Utility Relocation

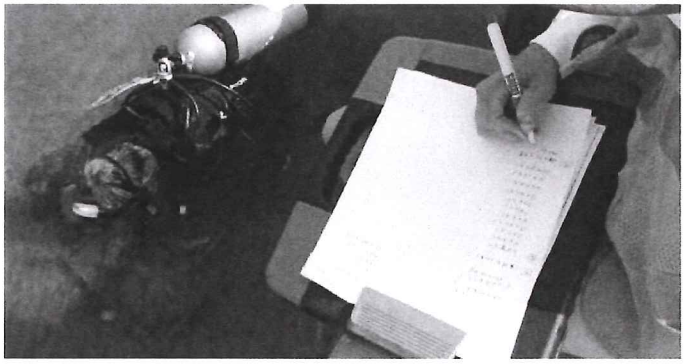
Environmental Sciences and Water Resource Planning

K&S has offered environmental and water resource consulting services continuously for more than 25 years. Our projects range from small site monitoring activities - to multimillion dollar Environmental Site Assessments, planning and restoration programs. Our team collaborated on one of the largest, most complex watershed studies ever undertaken in the United States, a landmark project that received an Award of Excellence by the Florida Chapter of the American Planning Association.

For the past 30 years, our expertise has grown to include environmental remediation, environmental planning and wetland delineation. We have long considered it important to not only understand, but to respect the local, state and federal environmental regulations that govern our work. We understand that a design is only as valuable as its ability to be implemented, permitted and built.

Our relationships with the multiple permitting and governmental regulatory agencies allow us to provide clients with smooth and stable progress on their projects.

Specific services include:



- Wetland Delineation & Assessment
- Wetland Permitting
- Environmental Site Assessments (ESAs)
- Habitat/Protected Species Assessment
- Contamination Assessments
- Environmental Impact Evaluations
- Flood Management
- Water Use Permitting
- Environmental Policy
- Ecosystem Restoration Planning & Policy

Water Resources/Stormwater Management
K&S' extensive watershed and stormwater management expertise covers the full spectrum of projects including planning, assessment, design, permitting, and program management. Our staff's diversity provides our clients with the fexibility to develop, prioritize, and implement capital improvement programs to address their needs.

- **Environmental and water resources engineering:** Develop drainage, hydrologic, hydrodynamic models of catchments, estuaries, tidal marsh, and coastal systems using state of the art computational software. Analyze and modify existing and design new water infrastructure including dams, levees, canals, pump stations and culverts.

- **Regional watershed modeling:** Develop integrated surface and ground water hydrological models. Develop best management strategies using numerical modeling of nutrient and pollutant fate transport in ground and surface water.

- **Water quality:** Development of water quality management programs to reduce the impact of nutrients on surface and subsurface waters. Development of Total Maximum Daily Load (TMDL) and Best Management Programs (BMP) for reduced environmental impact.

Coastal and Marine Engineering
GBA has extensive experience in beach nourishment, wetland creation/restoration, artificial reef construction, shore protection, structural design and land reclamation projects throughout the nation. GBA's personnel, through their broad expertise in the marine industry, bring thoroughly developed skills to the various aspects of coastal engineering. This includes wave modeling, coastal structure design, sediment transport estimates, and numerical modeling.

ii.b. Related Services Experience
K&S

Organization Name: **City of Doral**

City of Doral General Service Contract - The landscape division at K&S has work on several projects for the City of Doral under the general services contact with the City. Some of the projects are as follows:

Designing the landscape and irrigation for NW 41st Street from The HEFT to NW 97th Avenue - This project is still in progress.

City of Doral's Landscape Code - K&S work closely with the City performing a comprehensive review of the City's current landscape code. Proposed revisions were created to develop the City's best management practices related to landscape design and maintenance. In addition, a review was performed of the City's Land Development Code requirements for landscape buffers within zoning districts that include golf courses. Landscape plan requirements

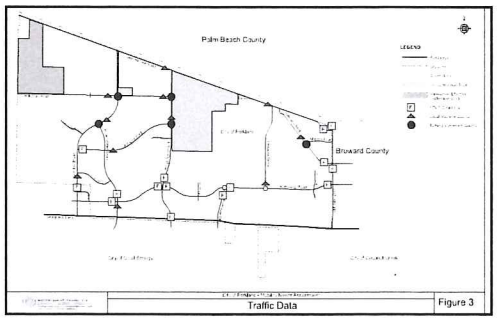
and maintenance guidelines were developed for each of these districts.

Palmetto Expressway at NW 36th Street Interchange - Contracted by FDOT, K&S designed a Landscape and irrigation project that totaled approximately 26 acres and was half within the City of Doral and half unincorporated Miami-Dade County. This was a very unique project because The City of Doral requested to maintain a portion of the limited access right of way as this was a major gateway into their city and they wanted to keep up a world class image. K&S worked with both the City and FDOT to establish safe maintenance limits and to make sure both the landscape and irrigation were manageable to the City. Post design services were also performed by K&S to ensure that the Landscape and irrigation were installed successfully.

Organization Name: **Pompano Beach CRA**

Atlantic Boulevard Streetscape from SE 20th Avenue to Ocean Boulevard - This urban streetscape project is part of three CRA improvement projects. This segment created a grand promenade leading east and connecting the two other segments that terminate at the Pompano Beachfront area. K&S' Landscape Architecture Division provided landscape and irrigation plans designed with a focused on creating a pleasant and inviting pedestrian atmosphere promoting connectivity with the local businesses and restaurants. The Right-of-Way improvements along Atlantic Boulevard included the elimination of on street parking and turning lanes to allow for the wider sidewalks and the addition of landscaped planter areas. These improvements allowed for the installation canopy trees, improved stormwater runoff management, and improved the sense of place along the corridor. Medians were also landscaped enhancing the boulevard promenade effect. Additional improvements to this corridor included hardscape enhancements utilizing a unifying decorative pattern, adding irrigation to landscaped planter areas and medians, undergrounding the overhead powerlines, and site amenities. The design process included multiple public involvement meetings to discuss design alternatives and obtain input from the members of the community. In addition, K&S coordinated closely with the Landscape Architects designing the other segments, as well as the Pompano Beach CRA, the City of Pompano Beach and the FDOT. K&S' Highways Division designed drainage improvements and addressed.

Organization Name: **City of Parkland**



City of Parkland Traffic Engineering and Transportation Planning - From 2007 to 2010 K&S was the City Traffic Engineer and Development Review Committee (DRC) member for the City of Parkland. We provided as-needed traffic engineering and planning services including traffic impact and site plan review, traffic control recommendations, traffic conditions monitoring, traffic operations analysis, comprehensive planning, ordinance development, transportation concurrency, and intergovernmental coordination. K&S also provided representation on traffic engineering issues at City Commission meetings. K&S was also asked to conceptually design and evaluate a proposed realignment of County Line Road to minimize impacts to local property owners. This

concept maintained the east-west traffic flow that is critical to the city. Results indicated that by connecting to Lox Road, only minor improvements would be necessary to Lox/County Line Road to ensure that sufficient traffic flow would be maintained with little or no impact to local land owners.

In 2013 K&S was selected again to provide Traffic Engineering and Transportation Planning Services. As part of this contract we developed a Roadway Improvement Feasibility Study for development of bicycle and pedestrian accommodations, a median, and turn-lanes along a section of Loxahatchee Road in the City. We were also asked to conduct a Traffic Assessment in the Heron Heights Elementary School area, a signal warrant study at Heron Bay Boulevard and Nob Hill Road, and a Citywide mobility needs assessment.

Organization Name: **City of Miami**

City of Miami Miscellaneous Survey and Mapping Services - K&S has prepared a number of Boundary and Topographic Surveys for the following locations:

- ADA Homeless Remodel
- Fire Training Facility
- Douglas Park
- Stearns & Martell Parks Boundary and Topographic Surveys
- Little Haiti Soccer Park Boundary and Topographic Survey
- Fire Station #3 Boundary Survey
- Fire Station #4 Boundary Survey
- Fire Station #10 Boundary Survey
- Fire Station #12 Boundary Survey
- Marlins Park Monitoring Wells
- Athalie Range Park Boundary and Topographic Survey
- Lemon City Park Boundary and Topographic Survey
- Communications Generator at Fire Headquarters

Organization Name: **City of Boca Raton**

El Rio Trail Shared Use Pathway - The El Rio Trail is a 12' wide shared use pathway which follows the El Rio Canal from Glades Road to Congress Avenue in the City of Boca Raton, Florida. Three (3) Task Work Orders were issued for Three (3) segments of the Trail development from Spanish River Boulevard to Congress Avenue (approximately 3 miles) have been designed and constructed by the City of Boca Raton under Local Participation Agreements (LAP) with the FDOT. Under contract to the City of Boca Raton, K&S has prepared the design contract plans for the three (3) City of Boca Raton / FDOT LAP segments of the Trail. The three (3) Boca Raton/FDOT LAP segments of the Trail include:

1. Spanish River Boulevard to Yamato Road (Construction completed 2007)
2. Yamato Road to L-40 Canal (construction completed 2009)
3. L-40 Canal to Congress Avenue (construction completed 2012)

For each of the three segments K&S services included design plan preparation, design surveys, environmental permitting, landscape architecture, structural engineering, preparation of specifications package, and post design services. The Spanish River to Yamato Road segment included crossing the L/A Right-of-Way of Interstate 95 below the bridged overpass at the El Rio Canal, a fishing pier located along the El Rio Canal, and a pedestrian bridge over the El Rio Canal connecting to the Boca Raton Tri-Rail Station. The Yamato Road to L-40 Canal segment

included roadway crossings at Park of Commerce Boulevard and Clint Moore Road, connections to local office park developments, avoidance of a Boca Raton Airport noise receptor site, and a pedestrian bridge over the L-40 Canal. The Yamato Road to L-40 Canal segment included coordination with DEP for construction along the edge of the Yamato Scrub Oak Preserve, a concrete pavement design to accommodate access by heavy equipment occasionally used by DEP for maintenance, and a signalized mid-block crossing at Congress Avenue utilizing "HAWK" signal design concepts.

Organization Name: **City of Fort Lauderdale**

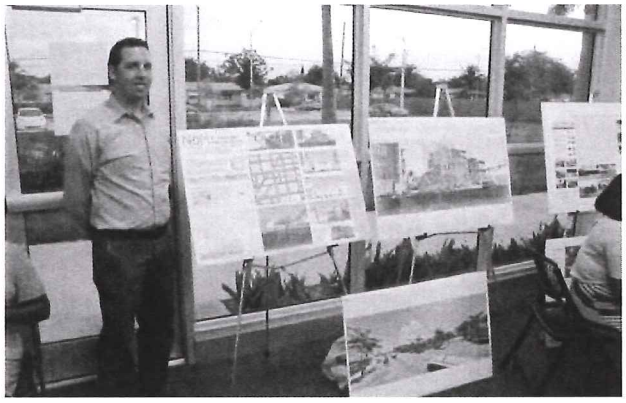
Water Works 2011 - The Water Works 2011 program was a $555 Million water and sewer infrastructure upgrade program being implemented by the City of Fort Lauderdale. Completion of the program was intended to coincide with the City's 100 year Anniversary in 2011 and Keith and Schnars assisted the City in the successful implementation of this initiative. As part of the Water Works 2011 Program, K&S was involved in surveying, utility designation, geotechnical engineering, civil engineering design of the water/ wastewater systems, preparation of contract documents including specifications for bid, quantity and cost estimating, permitting services, construction management and inspection services for various projects in the program including: • Lauderdale West & Sunset North Communities (Septic Area 3) • Shady Banks (Septic Area 5) • River Run, Flamingo Park and Oak River (Septic Area 4) • Edgewood (Septic Area 8) • River Lands & Woodlands Communities (Septic Area 2) • Chula Vista (Septic Area 19) • Dorsey Riverbend / Washington Park (Septic Area 18) • Miami Road Sanitary Sewer Improvements • Sunrise Key/Sunrise Intracoastal Water Main Improvements • Oakland Park Large Water Main • NE Large 12" Water Main Improvements • 48" Water Main Improvements • Imperial Point Water Main Improvements • Harbor Beach Inspection Services • Phase I System Wide Pump Station Upgrade Inspection Services • Group V Pump Station Inspection Services • Pump Station Lauderdale Manors / Melrose Inspection Services • East Las Olas Isles / Seven Isles Utility Improvements Inspection Services The K&S projects listed above include water and sewer improvements in approximately 20 neighborhood communities, totaling approximately 50 miles of new gravity sewer, 19 new lift stations, 19 miles of new water main and 5 miles of new force main. The designs have included conventional open cut design and trenchless technologies such as jack and bore and directional drill. The Oakland Park Water Main project included design for a directional drill of approximately 1000 LF of 30" water main across the Intracoastal Waterway and the Imperial Point Project included approximately 1000 LF of 16" water main across the FEC RR and South Fork Cypress Waterway Canal.

Organization Name: **City of Boca Raton/Applied Technology and Management, Inc.**

Spanish River Park Dune Enhancement - K&S provided professional services associated with design and the dune enhancement project to remove exotic vegetation from the dune, reestablish native vegetation and create view corridors to the beach. Originally intended to be 4 separate projects the City decided to combine the projects to reduce the permitting efforts with the Florida Department of Environmental Protection. Keith and Schnars, working as a sub consultant, assisted in the permitting process through the Florida Department of Environmental Protection, by developing the planting concepts for all the projects. The

planting concepts include the removal of exotics, and restoring the dunes with native plant material. The plans have been developed with coordination with the City of Boca Raton Environmental Officers. Services included: Planting and Irrigation Design, Construction Documents, Bidding Assistance, and Construction Observation.

Organization Name: **City of North Miami**



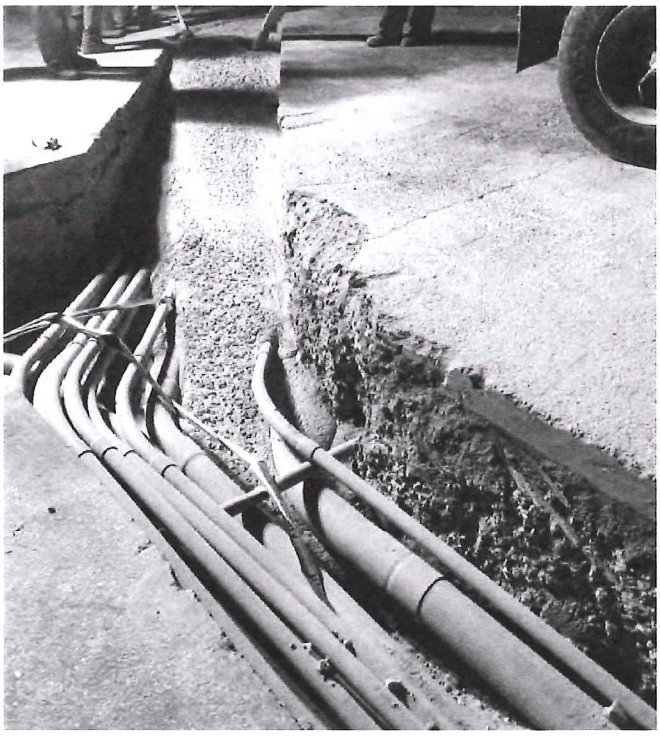
Services Provided: North Miami Downtown Development and Major Corridor Master Plan - The City of North Miami desired to create a Downtown Development and Major Corridor Master Plan (the "Plan") to implement the City's vision for the downtown core and major corridors. The Plan areas include the downtown core and the major corridors of NE 125th Street, West Dixie Highway, NE 6th Avenue, NW 7th Avenue, NW 119th Street and Biscayne Boulevard. As part of the preparations for the Plan, K&S compiled and analyzed existing data and studies that the City had undertaken over the past few years, including reviewing their Land Development Regulations and Comprehensive Plan. Additionally, an economic/market analysis was performed identifying potential retail gaps or opportunities. During the data and analysis task, the opportunities and constraints of each corridor were analyzed and graphic representations created illustrating the existing conditions, opportunities and constraints of the corridors. The Plan portrays the ideas from the elected leadership, City staff, citizens and stakeholders within the City, and incorporates their desires for the future. The Plan will guide development and redevelopment within the downtown core and major corridors. For this purpose, City Council briefings and two business community workshops were held early in the process. At the idea exchanging workshops, the K&S team presented the data/analysis, existing conditions, and the findings. The stakeholders participated in a "listening and work session", where they visited each of the corridor "stations" to discuss the issues with staff members and markup aerial maps of the corridor with their thoughts, ideas and desires. Participants completed a Preference Survey for each of the corridors. The surveys sought to determine how the corridors were used, the needs of the community, and identify the preferred architectural styles. The Plan includes mixed-use development and architectural design guidelines which address building layout; parking, vehicular and pedestrian circulation and parking lot design; streetscape design; signage; safety, desired architectural treatments related to building design, massing, scale and proportions, façade treatments and the preferred architectural style for each corridor.

Arch Creek Bridge - K&S was contracted to prepare plans for and permit two single-span shared-use bridges along the previously constructed Arch Creek Shared Use Path connecting NE 135th Street and the FIU Biscayne Bay Campus. Environmental and Civil engineering services were also provided for the relocation of a City of North Miami water main supported by the existing structures. Structural plans and specifications were prepared for two new 62-foot long prefabricated steel truss bridges. The new bridges were designed to meet width requirements for the Multi-use trail as dictated by FDOT, AASHTO and Miami- Dade County. Since the new bridges replace the existing offset bridges that support an existing deteriorating water main between the webs of the existing structure, the new bridges were designed to accommodate a relocated 16-inch water main alongside the bridges. The substructure is cast in place concrete end bents on prestressed piles. Environmental services included an ecological field inspection and processing permit applications through the South Florida Water Management District, the US Army Corps of Engineers, and Miami-Dade County Permitting. Additionally, K&S helped coordinate the LAP agreement between the City of North Miami and FDOT and also processed all permits required for the project on behalf of the City.

Organization Name: **Turtle Run Community Development District**

General District Improvements, Turtle Run Community - The K&S team has served as District Engineer for the Turtle Run Community Development District (TRCDD) for more than 25 years. In the capacity of District Engineer, K&S attends all Board Meeting and coordinates closely with the District management team, Board Members and Council on a variety of projects within the district. K&S reviews engineering permit plans submitted for compliance with District Criteria and best engineering practices and techniques. In addition, K&S has also provided surveying, design, permitting, bidding and negotiation, construction management, and inspection services for various district projects. Some of the notable projects that our firm has worked on for TRCDD include: • Turtle Run Boulevard Roundabout - Project included a roundabout with a decorative fountain feature, associated roadway improvements for the roundabout design, drainage modifications and pedestrian brick paver walkways • Turtle Run Boulevard Paver Improvements - Project included construction of brick pavers on a portion of Turtle Run Boulevard • Creekside Drive and NW 41st Drive - Project included removal of a median turnlane, median widening for landscaping and associated curbing, pavement marking and signage improvements • Creekside Drive and Turtle Creek Drive - Project included removal of a median turnlane, median widening for landscaping and associated curbing, pavement marking and signage improvements.

Organization Name: **City of Sunny Isles Beach**



Sunny Isles Beach Utility Undergrounding - The City of Sunny Isles sought Project Management and Engineering Consulting Services necessary for the undergrounding of all overhead electric, telephone and cable TV utilities within the city limits of Sunny Isles Beach. The over scope of the contract includes the coordination of design with all utility providers, utility design and negotiations; consolidated construction plans; required permitting (including FDOT Right-of-Way permits), providing design milestone cost estimates and budgets for approximately 2.2 miles of Collins Avenue (A1A) and 1 mile of Atlantic Blvd. The project scope also includes the preparation of Requests for Proposals for installation contracting services, Contract Procurement and total Project Management of the work. Work also includes: feasibility studies; Construction Administration; Maintenance of Traffic; Neighborhood/resident information and status updates; Utilization and implementation of the latest utility technology; Coordination & management of all public information/out-reach meetings and notices. Final design plans included coordination with FPL, ATT, Hotwire, Atlantic BB, Comcast, Columbus Networks, FDOT and City of Sunny Isles Beach. All in design plans included 5.1 miles of coordinated joint trench. The project is in the early stage of construction and will be completed at night due to the intensity of pedestrian and vehicular traffic in the area. Detailed maintenance of traffic plans were needed to facilitate closure of as many as four (4) lanes of traffic in a heavily traveled stretch of A1A. The project is under a strict deadline to be completed prior to FDOT's RRR project scheduled to begin in early 2017.

Organization Name: **University of Miami/Real Estate and Facilities**

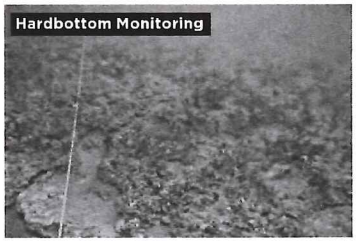
University of Miami General Civil Engineering, Transportation Planning and Traffic Engineering Services - K&S completed design improvements to areas both within and around the University of Miami's main campus in Coral Gables. Within the University, K&S redesigned 18 on-campus parking lots and improved each lot's lighting, pedestrian connectivity, and landscaping. K&S has also provided designs for the University's internal roadway. These designs are being implemented in 6 phases, thus allowing construction to take place during times of lower campus activity. K&S also designed a new bridge/culvert (that will continue the internal roadway over a tidal canal) and a signature entryway into campus, which will result in an expanded intersection and new signalization. External to the University, K&S has been involved in projects that resulted in the expanded capacity of local roadways, which are within FDOT and/or Miami-Dade County right-of-way. The construction costs for each project was under $1 million. Each project's design has involved extensive public outreach, also negotiations with city, county, and state officials. Additionally, each project's design has had to take into consideration factors such as the businesses that service the University, shuttle bus routes on campus, the University's landscaping preferences, pedestrian/bicycle accommodation, delivery truck routes, and the requirements of each of the departments along the route of the new roadway system. Overall, our designs reflected the needs of both the University and the community that surrounds it.

K&S has also performed all major traffic engineering work for the University of Miami since 1996. These services included four major updates of the entire traffic and parking section of the University's Master Plan (known as UCD - University Campus District).

GBA

Organization Name: **Town of Jupiter Island**

Jupiter Island Beach Restoration Program - GBA has been providing coastal planning, engineering, and consulting services to the Town of Jupiter Island since 1976. Twelve projects have successfully placed 16.5 MCY of sand along this 6.5-mile segment of critically eroded shoreline located between St. Lucie Inlet and Jupiter Inlet. These projects have successfully restored the shoreline, with the most recent placement of 1.7 MCY in 2016 protecting the shoreline from the damaging effects of Hurricane Matthew and the wind event that followed. GBA is currently conducting permit required biological and physical monitoring surveys in association with the 2016 beach nourishment project.



Comprehensive services provided to the Town for shoreline management include coastal engineering design, dune restoration, sand source development, state and federal permitting, contracting assistance, construction administration, biological and physical monitoring, and FEMA consulting. In addition to shoreline management, GBA has also assisted the Town with development of a municipal GIS database, establishment of a waterfront construction setback line, seagrass restoration and monitoring, residential canal dredging, revetment design, and emergency storm response.

As the Town of Jupiter Island's engineer, GBA has provided the following services:

- Developed a comprehensive beach restoration program covering 6.5 miles of shoreline

- Designed, bid, and managed 12 beach nourishment projects over 40 years, placing 16.5 MCY of sand on the Town's critically eroded beaches

- Obtained over $15 Million in FEMA Category G and Category B funding (private project equivalent of PL 84-89 emergency funding) for beach restoration projects

- Evaluated multiple potential sand sources from upland locations and located a source of beach compatible material meeting all FDEP guidelines

- Conducted biological assessments in support of permit applications and to comply with permit required biological monitoring of nearshore hardbottom

Organization Name: **URS/ISC Engineering Services**

John F. Kennedy Space Center: Hydrographic Surveys, Dredged Material Maintenance Area Rehabilitation, and Maintenance Dredging - Since 1997, Gahagan & Bryant Associates, Inc. (GBA) has provided consulting engineering services to the United Space Alliance and subsequently URS Federal Technical Services for the National Aeronautics and Space Administration (NASA) at the Kennedy Space Center. The project includes condition surveys and periodic maintenance dredging of the 17-mile Saturn Barge Canal, the Air Force Channel, and the Turning Basin, all located in the waters of the Banana River between Cape Canaveral and Merritt Island. Hydrographic surveys are performed and bathymetric plans are prepared on an annual basis to provide navigation assistance to the solid rocket booster retrieval ships and other barge traffic, and to monitor shoaling. Several of these projects are listed below.

- **Maintenance Dredging of Cuts 13-15 and Air Force Turning Basin:** GBA performed pre-dredging surveys, and prepared plans and specifications for maintenance dredging of 6 miles of the Saturn Barge Canal, with upland disposal. Material was removed by means of a closed bucket clamshell dredge, transported in scows to a hydraulic unloader, and placed into an upland disposal site. GBA negotiated the lease with the USACE for use of the federal disposal site, provided daily construction supervision and inspection, daily turbidity monitoring of surrounding waters, and performed contract surveys and volume calculations for pay quantities.

- **Placement Site 2B:** GBA provided design modifications for the construction of 7,000 feet of levee to enclose an area of 76 acres for the future placement of maintenance material from the Saturn Barge Canal. The original government design called for the material to construct 10-feet high dikes to be trucked from an off-island borrow site. GBA analyzed soils within the proposed placement site, finding them equal to or better than those in the borrow area, and the plans were modified to use in-situ material resulting in a considerable cost reduction. GBA provided project design, preparation of plans and specifications, and construction management.

- **Saturn Barge Canal Maintenance Dredging:** In support of space shuttle operations, GBA was contracted to design, bid, and manage the maintenance dredging of shoaled material from within the Saturn Barge Canal, which leads from the Banana River to the Vehicle Assembly Building at the Kennedy Space Center. GBA provided condition surveys, design, plans and specifications development, and construction management for the maintenance dredging of approximately 12 miles of the Saturn Canal. Work was performed between August and December 2000 using a hydraulic dredge to transport material to two existing placement sites on Merritt Island.

- **Saturn Barge Canal Aids to Navigation:** To facilitate the safe transport of the space shuttle external fuel tank delivery barge through the Saturn Barge Canal, GBA provided engineering, permitting, and construction

management for the installation of additional aids to navigation over 15 miles of channel. The project resulted in the installation of 25 new marine timber pile daymarkers, the replacement of 16 existing dayboards, and the relocation of one navigational buoy.

Air Force Turning Basin Maintenance Dredging - GBA was tasked with providing engineering services to dredge the USAF turning basin to alleviate shoaling that was hindering vessel operations. Material was excavated by means of a backhoe barge and trucked to an upland disposal area. GBA provided pre-dredging surveys, project design, material classification, plans and specifications, cost estimates, construction management, and post dredging surveys for the emergency removal of shoaled material.

ii.c. Honors, Awards & Accomplishments

K&S is proud of its multidisciplinary approach to projects and its commitment to excellence and service. These traits have been recognized by public and private organizations that have selected the firm for awards and peer recognition throughout our history.

2017

- "Top 25 Engineering Firms" - Ranked #9 by **SOUTH FLORIDA BUSINESS JOURNAL**

2015

- At the Florida Institute of Consulting Engineers (FICE) Annual Meeting, K&S was recognized for having the highest percentage of DBE Utilization – the top 29% of all engineering consulting firms in the entire state of Florida.

2011

- K&S received the prestigious "Transportation Firm of the Year Award" from the Greater Fort Lauderdale Chamber of Commerce.
- The American Society of Civil Engineers (Broward Chapter) selected K&S for "Project of the Year" for our work on the Seminole Creek project.
- The Florida Association of County Engineers and Road Superintendents selected K&S for "Project of the Year – Local & State Agency Collaboration" for our work on the Matanzas Woods Parkway Interchange.

2009

- K&S won the "Best Places to Work" Award for the third year in a row, at an event co-sponsored by Polk Workforce 2020 and the United Way of Central Florida.

2007

- The American Planning Association (Florida Chapter) selected K&S for the FAPA Award of Excellence for its project work on the South Miami-Dade Watershed Study and Plan.
- The McGraw-Hill Companies selected K&S as one of the Southeast's Top-50 Firms in Design.
- Engineering News Record named K&S one of the nation's Top-500 engineering firms over the past several decades.

Other K&S Honors & Awards

- Florida Transportation Builder's Association – Two "Best in Construction" Awards (2006)
- South Florida Business Journal – Finalist, "Business of the Year" ('04, '05, '06, '07, '08)
- Polk Works Workforce 2020 – "Best Places to Work" (2005)
- Road and Bridges Magazine – "Top-10 Bridge Project" - Evans Crary Senior Bridge (2001)
- Florida Nurserymen & Growers Association – "Excellence Award" – Publix Supermarkets General Merchandise Warehouse Facility (2000)
- American Planning Association – "Outstanding Planning Project" – SR-26 Corridor Planning Study (2000)
- Florida Department of Transportation – "Pat Boltan Award" – SR-15/US 17 Milling and Resurfacing Project (2000)

iii. Ten Client References

Organization Name:	City of Doral
Contact:	Jorge Gomez, P.E., Director of Public Works
Contact Email:	Jorge.Gomez@CityofDoral.com
Address:	8401 NW 53rd Terrace, 2nd Floor, Doral, FL 33166
Phone:	(305) 593-6740
Dates of Service:	2/2015 to Ongoing
Scope:	Civil Engineering, Landscape Architecture, Surveying and Mapping, Transportation Engineering, Engineering

Organization Name:	City of Miami Beach
Contact:	Diego M. Lopez Medina, P.E., Capital Projects Coordinator
Contact Email:	DiegoLopezMedina@miamibeachfl.gov
Address:	1700 Convention Center Drive, Miami Beach, FL 33139
Phone:	(305) 673-7071 x6816
Dates of Service:	6/2008 to Ongoing
Scope:	Civil and Transportation Engineering, ENgineering

Organization Name:	City of Fort Lauderdale
Contact:	Hal Barnes, PE, Assistant City Manager
Contact Email:	hbarnes@fortlauderdale.gov
Address:	100 North Andrews Avenue, Fort Lauderdale, FL 33301
Phone:	(954) 828-5065
Dates of Service:	12/2008 to Ongoing
Scope:	Civil and Utility Engineering

Organization Name:	City of Parkland
Contact:	Sowande Jonhson, P.E., Development Services Director and City Engineer
Contact Email:	sjohnson@cityofparkland.org
Address:	6600 University Drive, Parkland, FL 33067
Phone:	(954) 757-4144
Dates of Service:	2/2013 to Ongoing
Scope:	Civil Engineering, Landscape Architecture, Surveying and Mapping, Transportation Engineering

Organization Name:	City of Boca Raton
Contact:	Tony Puerta, Highway Design Chief
Contact Email:	tpuerta@ci.boca-raton.fl.us
Address:	Municipal Services Department 201 West Palmetto Park Road, Boca Raton, FL 33432-3795
Phone:	(561) 416-3402
Dates of Service:	1995 to Ongoing
Scope:	Civil Engineering, Landscape Architecture, Surveying and Mapping, Engineering, Structural Engineering

Organization Name:	City of Pompano Beach Community Development Agency
Contact:	Horacio Danovich, P.E., CIP Engineer
Contact Email:	Horacio.Danovich@copbfla.com
Address:	100 West Atlantic Boulevard, Room 276, Pompano Beach, FL 33060
Phone:	(954) 786-7834
Dates of Service:	7/2010 to 4/2013
Scope:	Landscape Architecture, Surveying and Mapping, Engineering

Organization Name:	City of Sunny Isles Beach
Contact:	Christopher J. Russo, City Manager
Contact Email:	crusso@sibfl.net
Address:	18070 Collins Avenue, Sunny Isles Beach, FL 33160
Phone:	(305) 792-1731
Dates of Service:	2/2013 to Ongoing
Scope:	Civil and Utility Engineering, Surveying and Mapping

Organization Name:	University of Miami, Real Estate and Facilities
Contact:	Janet Gavarrete, Associate Vice President
Contact Email:	jgavarrete@miami.edu
Address:	1535 Levante Avenue, Coral Gables, FL 33146
Phone:	(305) 284-6728
Dates of Service:	8/1996 to Ongoing
Scope:	Civil and Transportation Engineering

Organization Name:	Turtle Run Community Development District
Contact:	Dennis J. Baldis, Field Manager
Contact Email:	dbaldis@gmssf.com
Address:	5385 North Nob Hill Road, Sunrise, FL 33351
Phone:	(954) 520-0515
Dates of Service:	1992 to Ongoing
Scope:	Civil and Transportation Engineering, Surveying and Mapping, Landscape Architecture

GBA

Organization Name:	Town of Jupiter
Contacts:	John Duchock, P.E., Beach District Manager
Contact Email:	jduchock@tji.martin.fl.us
Address:	P.O. Box 7, Hobe Sound, FL 33475
Phone:	(772) 545-0100
Dates of Service:	1976 to Ongoing
Scope:	Coastal Engineering, Engineering

KEY PERSONNEL	TITLE	PROJECT ROLE
Joe L. Gómez, P.E.	Senior Vice President of Engineering	Contract Manager
C. Bryan Wilson, P.E.	Vice President of Transportation	Engineering Discipline Lead
Robert K. Krisak, P.L.S.	Vice President of Survey & Mapping	Surveying & Mapping Discipline Lead
Kirk Hoosac, RLA	Director of Landscape Architecture	Landscape Architecture Discipline Lead
Jake Ozyman, P.E., ENV SP	Director of Civil Engineering	Civil Engineering Discipline Lead
Roberto Rubio, P.E.	Structural Engineer	Structural Engineering Discipline Lead
John Krane, P.E.	Director of Transportation Planning	Transportation Engineering Discipline Lead
Marisa Magrino, ISA, LIAF, FNGLA	Environmental Scientist	Environmental/Natural Resources Discipline Lead
Georgio Tachiev, Ph.D., P.E.	Water Resources	Water Resources Discipline Lead
Clay M. Bryant, P.E.	Vice President	Coastal & Marine Engineering Discipline Lead

Joe L. Gómez, P.E.
Contract Manager

Years of Experience: 39

TIN# G52043256

Academic Background
B.S., Civil Engineering Technology, Florida International University, 1981

A.A., Pre Engineering, Miami Dade College, 1977

Professional Registrations
Registered Professional Engineer, FL #35526

FDOT CTQP Qualifications
QC Manager

Earthwork Construction Inspection - Levels 1 & 2

Professional Certifications FDOT
MOT - Maintenance of Traffic Advanced # 5653

Nuclear and Safety Training

HAZMAT Training

Auger Cast Pile

MSE Wall

Awards
Engineer of the Year, Florida Engineering Society, Miami Chapter, 2017

Jay W. Brown Award for Outstanding Managerial and Leadership Abilities, FDOT 1991

Distinguished Alumni, "I am MDC", Miami Dade College, 2002, 2012

Mr. Gómez has over 39 years of diverse civil engineering, transportation planning, design and construction experience. He has managed and directed large-scale transportation studies including major multi-level interchanges, arterial corridors and bridge replacements. Mr. Gómez is also a construction dispute resolution expert having served on several Dispute Review Boards (DRBs) for FDOT and MDX. In addition, Mr. Gómez has significant experience in the areas of public and community involvement, inter-agency coordination and traffic management systems. He is responsible for primary client contact, scope development and contract negotiations and strategic planning.

Relevant Experience

NW 52nd Street/NW 102nd Avenue CEI Services, Contract #G0049, Doral, FL: Project Manager - Providing Construction, Engineering and Inspection services for this $3.0 million project for The City of Doral. This project is a Local Agency Program (LAP) off-highway system. The project includes the construction of a new French drain system, upgraded pedestrian improvements including ADA detectable warning devices, pedestrian signal heads and solar powered rectangular rapid flashing beacons for added safety at crosswalks, milling and resurfacing and new bicycle lanes. Client/Contact: City of Doral/Carlos Arroyo, Chief of Construction, Phone: (786) 367-5083, Email: Carlos.Arroyo@cityofdoral.com.

NE 13th Street CEI Services, Contract #19196, Fort. Lauderdale, FL: Project Manager for reconstruction of NE 13th Street from NE 8th Avenue to FEC R/R. The project includes adding bike lanes, removal of existing traffic signal and construction and new roundabout, bio-swales and new street lighting. Client/Contact: City of Ft. Lauderdale/ Christine Fanchi, P.E., PTP/Transportation Project Manager, Phone: (954) 828-5526. (12/16 to Present); ($2.1 M)

I-395/SR-836 (from Midtown Interchange/I-95 to US-41/SR-A1A MacArthur Causeway Bridge), Miami-Dade County, FL: Senior Advisor for the I-395 Corridor Improvements which included developing, 30% plans, criteria package and aesthetics manual for the project. Assisted Project Manager in various duties including attending progress meetings and task assignments. Client/Contact: FDOT District 6/Raul Quintela, P.E., Project Manager. (2/15 to 1/16)

I-395/SR-836 (from Midtown Interchange/I-95 to US-41/SR-A1A MacArthur Causeway Bridge), Miami-Dade County, FL: Senior Project Manager for the I-395 Corridor Improvements which include developing, 30% plans, criteria package and aesthetics manual for the project. Project also included significant infrastructure improvement around the project area as well major stakeholder coordination. Client/Contact: FDOT District 6/Vilma Croft, P.E., Project Manager. (6/11 to 1/15)

SR-5/US-1 Overseas Highway (from MM 93 to MM 97), Tavernier, FL: Project Manager and Engineer of Record for 4 miles of US-1 in the Florida Keys. The project included milling and resurfacing, improving shoulders, adding drainage and the addition of a new northbound 10 foot wide emergency shoulder. Included support during construction phase. Client/Contact: FDOT District 6/Chris Tavella, P.E., Project Manager. (4/07 to 6/09)

SR-5/US-1 Brickell Avenue (from SE 25th Road to SE 5th Street), Miami, FL: Project Manager and Engineer of Record for 1.8 miles of Brickell Avenue in the Downtown Brickell area. The project included concrete pavement replacement, milling and resurfacing of existing flexible pavement and a new state-of-the-art drainage pump station to relieve existing flooding at the intersection of Coral Way and Brickell Avenue. Client/Contact: FDOT District 6/Judy Solaun-González, P.E., Project Manager. (6/07 to 6/09)

Joe L. Gómez, P.E.
Contract Manager

Professional Organizations
Florida Engineering Society- Board of Directors, Miami Chapter

American Society of Civil Engineers (ASCE), Member

NW 2nd Street (from NW 24th Avenue to NW 22nd Avenue), Miami, FL: Project Manager and Engineer of Record for 0.8 miles of NW 2nd Street in the City of Miami. The project included milling and resurfacing, improving drainage swales using pervious concrete and landscaping. Client/Contact: City of Miami Office of Capital Improvements/John DePazos, Project Manager. (6/08 to 5/09)

NW 1st Street (from NW 27th Avenue to NW 22nd Avenue), Miami, FL: Project Manager and Engineer of Record for 1.2 miles of NW 1st Street in the City of Miami. The project included reconstruction of 500 feet, milling and resurfacing, improving drainage swales using pervious concrete and landscaping. Client/Contact: City of Miami Office of Capital Improvements/John DePazos, Project Manager. (6/08 to 5/09)

SR-826/Palmetto Expressway (from SW 8th Street to SW 32nd Street), Miami, FL: Project Principal responsible for overall commitment of engineering resources and client point-of-contact on this segment of the Palmetto Reconstruction Program. This project included widening of mainline, widening and realignment of interchange ramps, construction of noise walls and eight new bridges. Construction cost is $32 million. Client/Contact: A2 (Prime Consultant)/FDOT District 6 Construction Office/ Mario Cabrera, P.E., Project Manager. (1/06 to 12/06)

Nautilus Neighborhood Right-of-Way Improvements, Miami Beach, FL: Project Manager for a $10 million, 24-month capital improvement to provide urban planning, traffic analysis and traffic calming, roadway and infrastructure design and construction oversight for neighborhood in middle Miami Beach. Client/Contact: City of Miami Beach Office of Capital Improvements/Jorge Chartrand, Project Manager. (5/01 to 8/03)

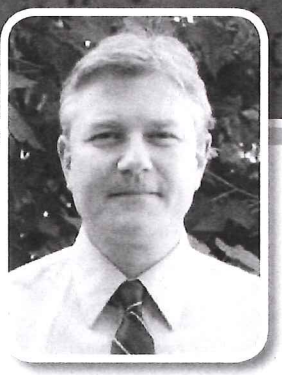
La Gorce Neighborhood Right-of-Way Improvements, Miami Beach, FL: Project Manager for a $2 million, 24-month capital improvement to provide urban planning, traffic analysis and traffic calming, roadway and infrastructure design and construction oversight for neighborhood in Miami Beach. Client/Contact: City of Miami Beach Office of Capital Improvements/Jorge Chartrand, Project Manager. (4/01 to 8/03)

SR-112/LeJeune Road/NW 36th Street Alternatives Evaluation Study, Miami and Hialeah, FL: Project Director for analysis of existing conditions, traffic analysis and modeling and interim improvement evaluations including opinion of costs and feasibility rankings for presentation to various agencies including the FDOT District 6, Miami-Dade Expressway Authority, City of Miami Springs and City of Hialeah, FL. Client/Contact: FDOT District 6 MIC Management Group/Kouroche Mohandes, P.E., Project Manager. (6/00 to 3/01)

Campbell Drive Interchange with Florida's Turnpike PD&E Study / Final Design, Homestead, FL: Location design study and design of $8 million improvement to the existing interchange providing two new ramps and toll facilities. Conducted Public Hearing on behalf of the Department of Transportation. Client/Contact: FDOT Turnpike Enterprise/Raymond Ashe, Project Manager. (1/98 to 8/98)

CE&I Experience (D6 Construction Engineer & D6 Director of Operations):

- SR-A1A/General Douglas A. MacArthur Causeway Reconstruction-$43M
- SR-A1A/General Douglas A. MacArthur High Level Bridge Replacement-$75M
- Brickell Avenue Bridge Replacement-$22M
- I-95 Widening and Pavement Reconstruction from NW 8th Street to NW 151st Street-$110M
- I-95 HOV Flyover at Golden Glades Interchange-$42M
- US-41/Tamiami Trail from SR-826 to SW 127th Avenue Widening and Reconstruction-$60M
- SR-826/Palmetto Expressway Section 1 from US-1 to SW 66th Street Widening and Reconstruction-$82M
- SR-826/Palmetto Expressway Section 12 from NW 158th Street to NW 119th Street Widening and Reconstruction-$105M



C. Bryan Wilson, P.E.
Engineering

Years of Experience: 31

Academic Background
B.S., Civil Engineering
Auburn University, 1986

Professional Registrations
Registered Professional Engineer, FL #43447

Professional Certifications
ATSSA - Advanced Work Zone Traffic Control

Mr. Wilson has 31 years of experience in the design and management of highway transportation projects in Florida and South Carolina. Mr. Wilson joined the consultant industry in 1994 after 9 years with the FDOT. His project experience encompasses all aspects of highway design from pavement rehabilitation to limited access interchanges and managed lanes facilities delivered in both bid-build and design-build formats.

Relevant Experience

FDOT District 4 Districtwide Utility Coordination, Broward, Martin, and Palm Beach Counties, FL: Project Manager responsible for managing the district wide utility coordination contract with FDOT District 4. Has provided utility coordination services and utility certifications for 31 District 4 in-house design projects. Responsibilities include the identification of existing and proposed utility facilities, determination of eligibility of compensable interests, resolution of conflicts between utility facilities and proposed construction. He was also responsible for securing executed legal agreements (Utility Work Change Orders, JPAs, MOAs, etc.) as well as certifying utility relocation schedules for compatibility with FDOT construction schedules to clear projects for letting. Client/Contact: FDOT District 4/Tim Brock, Phone: (954) 777-4125, Email: tim.brock@dot.state.fl.us. (11/05 to Present)

Andrews Avenue Extension - Segment 5, FPID: 230724-1-32-0, Broward County, FL: Project Manager for the design and permitting the construction of a 0.5-mile new 4-lane divided roadway from Racetrack Road to Atlantic Boulevard in Pompano Beach, Florida. Included the design and permitting of a new closed storm drainage system and retention pond system, two signalized intersections, signing and marking plans, landscape plans, and a new roadway lighting system. Client/Contact: FDOT District 4/Anson Sonnett, P.E., Phone: (954) 777-4474, Email: Anson.Sonnett@dot.myflorida.com. (5/10 to 2015)

SR-823/Red Road Reconstruction Cost Savings Initiative, FPID 249941-1-52-01, Miami-Dade County, FL: Project Manager responsible for the overseeing design and preparation of a cost savings initiative to modify the drainage system, traffic control plan and culvert extension for the reconstruction of SR-823/Red Road from a 5-lane undivided section to a 6-lane divided urban section. The project also includes cost savings initiatives for the modification of a proposed steel sheet pile bulkhead wall to a concrete post and panel wall and the modification of bridge widening design to incorporate pre-stressed flat slab units and fiber reinforced concrete. Client/Contact: MCM Corp./Christopher Bacallao, E.I., Phone: (305) 541-0000. (8/12 to Present)

I-95 Concrete Pavement Reconstruction, FPID: 429300-2-32-01, Miami-Dade County, FL: Design Project Manager for Development of conceptual roadway plans, striping plans, signing and marking plans, Rigid Pavement Design and typical section package for the I-95 Pavement Reconstruction Project for FDOT District 6. Mr. Wilson also developed the request for proposal packages and directed post design services and construction support efforts during construction. Scope of work included design to replace all concrete pavement within the I-95 corridor in a 1.6-mile long section from NW 8th Street to NW 29th Street (Project was let as part of I-395/SR-836 Design Build Project) and a 3-mile long section from NW 29th Street to NW 79th Street in Miami-Dade County, Florida. Client/Contact: FDOT District 6/Jason Chang, P.E., FDOT Project Manager, Phone: (305) 470-5331, Email: jason.chang@dot.state.fl.us. (1/14 to Present)

SR-713/Kings Highway RRR, FPID: 422957-1-32-01, St. Lucie County, FL: Milling & Resurfacing of a 2-mile section of SR-713/Kings Highway in St. Lucie County from Indrio Road to Spanish Lakes Boulevard. SR-713 is a rural 2-lane roadway with paved shoulders and swale drainage. The project also involved widening design for a new left turn lane, signalization upgrades ADA ramp improvements, signing and marking, sidewalk construction, drainage modifications, utility coordination, permitting and landscaping. Client/Contact: FDOT District 4/Nadir Rodriguez, P.E.., Phone: (954) 777-4385, Email: nadir.rodriguez@dot.state.fl.us. (12/08 to 7/11)

Crosstown Parkway/I-95 Interchange, St. Lucie County, FL: Senior Designer directing project design staff involved in development and preparation of roadway construction documents including roadway plans, storm drainage, traffic control plans, signing and pavement marking plans, signal plans, and specifications. Also assisted the Project Manager with the development the Preliminary Engineering Report, drainage reports, permitting and day-to-day coordination between the FDOT, City of Port St. Lucie and multiple Developers. The project scope involved construction of a new tight diamond interchange connecting Crosstown Parkway (Previously called West Virginia Drive) to I-95. Client/Contact: City of Port St. Lucie/Roxanne Chesser, P.E., Phone: (772) 871-5186, Email: RoxanneC@cityofpsl.com. FDOT District 4/Leslie Wetherell, P.E., Phone: (954) 777-4438, Email: leslie.wetherell@dot.state.fl.us. (6/04 to 5/07)

SE 17th Street Bridge Replacement, Broward County, FL: Senior Designer assisted in preparation of final design construction plans for the roadway, signing and marking, signalization and lighting portions of this bascule bridge replacement project in Fort Lauderdale. Also, directed the utility coordination and post design services during construction for this high profile project. Project involved replacement of existing bascule bridge over the Intracoastal Waterway with new high level bascule structure. Keith and Schnars developed all roadway plans, drainage and permitting and maintenance of traffic for the roadway approaches. Client/Contact: FDOT District 4/Anson Sonnett, P.E., Phone: (954) 777-4474, Email: Anson.Sonnett@dot.myflorida.com. (9/06 to 9/09)

Biscayne Boulevard, Miami-Dade County, FL: Keith & Schnars designed 1.4-miles of Biscayne Boulevard roadway improvements in the heart of old downtown Miami including drainage, sidewalk, ADA accessibility, utility and road-widening improvements. The project scope included the preparation of construction plans for Biscayne Boulevard from NE 15th Street to NE 35th Terrace. The plans detail reconstruction of Biscayne Boulevard along with a full replacement of the existing drainage system. The existing drainage system which was replaced with a deep well system for a majority of the project; however the southern portion of the project required the installation of a pump station as an injection well drainage system was necessary due to the low elevations in this section of the project. The project also includes the installation of a new decorative lighting system, landscaping and irrigation. All 8 signalized intersections with span wire systems were replaced with standard FDOT mast arms and the existing overhead truss structure was replaced with a smaller cantilever sign structure. (2012)

Wiles Road Extension from Florida's Turnpike to Powerline Road, Broward County, FL: Senior Project Manager overseeing the Keith & Schnars design staff developing roadway design for the extension of Wiles Road from Florida's Turnpike to Powerline Road in Broward County, Florida. Roadway extension project involved new construction of a four-lane divided section with drainage and installation of a new culvert, utility, lighting, landscaping, irrigation and signalization improvements and included enhancement of environmentally sensitive land. Services included civil and structural engineering, environmental, landscape architecture, planning, traffic and surveying. Client/Contact: Broward County Highway Engineering/Rick Dixon, Project Manager, Phone: (954) 577-4562. (2/96 to 5/05)

Atlantic Boulevard/SR-814 Safety Project (CPTED) (LAP), Broward County, FL: Prepared engineering design plans for milling, resurfacing, widening, and incorporation of safety and esthetic enhancements to the Atlantic Boulevard/SR-814 from East 19th Avenue to East 23rd Avenue and Federal Highway (SR-5/US-1) from SE 2nd Street to NE 2nd Street in the City of Pompano Beach, Florida. This project involved the preparation of roadway plans, signing and pavement marking plans, signalization plans, lighting plans and landscape plans. Client/Contact: City of Pompano Beach/Alessandra Delfico, P.E., City Engineer, Phone: (954) 786-4144. (1/00 to 4/02)

Las Olas Boulevard/SR-842 Enhancement Project, Fort Lauderdale, FL: Quality Control Engineer for the preparation engineering design plans for the milling, resurfacing, reconstruction and widening of Las Olas Boulevard/SR-842 from Birch Road to Ocean Boulevard/SR-A1A. This project involved the preparation of roadway, signing and marking, signalization, lighting, and landscape plans, drainage modifications, and utility coordination/relocation. Client/Contact: City of Fort Lauderdale/Earl Prizlee Phone: (954) 468-1517. (12/05 to 12/07)

Robert K. Krisak, P.L.S.
Surveying and Mapping

Years of Experience: 38

Academic Background
A.A.S., Forestry, Paul Smith's College, 1977

Professional Registrations
Registered Professional Surveyor and Mapper, FL #4641

Professional Affiliations
Florida Society of Professional Surveyors and Mappers

Broward County Chapter of F.S.M.S.

International Who's Who of Professionals

American Congress on Surveying and Mapping

Certified CSX Trainer

Mr. Krisak has more than 38 years of experience in all phases of land and engineering surveying including topographic, boundary, hydrographic, as-built, construction layout and location surveys for highways, residential developments commercial projects and expert witness testimony. He has gained this experience through a variety of surveying-related positions, including instrument person, drafter, party chief, and field crew coordination. Mr. Krisak is familiar with a wide range of state-of-the-art surveying equipment, and is experienced in project management, field survey supervision, office survey procedures, and staffpower scheduling.

Relevant Experience

City of Riviera Beach Continuing Survey Services Contract, Palm Beach County, FL: Mr. Krisak serves as Project Manager for this continuing survey services contract. To date, a topographic survey of 5.67+/- miles of City streets has been performed. Services included power/utility poles, overhead wires, asphalt, curbing, driveways, fences, trees/hedge lines, manholes, drainage structures including inverts, and surface features of utilities. Boundary and topographic surveys along with sketches and descriptions were also performed at Dan Calloway Park (Parcel 6) and Barracuda Bay/Fire Station (Parcel 7). Client/Contact: City of Riviera Beach/Mr. Terrence Bailey, P.E., LEED, Phone: (561) 845-3472. (2014 to Present)

City of Miami Miscellaneous Survey Contract, Miami-Dade County, FL: Mr. Krisak serves as a Project Manager, working on projects for the City. He has managed boundary and topographic surveys for City projects such as Miami Fire Training Facility, Douglas Park, Stearns and Martell Areas, and Little Haiti Soccer Park. Client/Contact: City of Miami/Harry James, Phone: (305) 416-1026. (2014 to Present)

Town of Miami Lakes Miscellaneous Survey and Mapping Services Contract, Miami-Dade County, FL: Mr. Krisak serves as Project Manager for this contract. He has managed a topographic survey for a Beautification Plan on NW 67th Avenue in addition to a Tentative Plat Review and a Final Plat Review on behalf of the Town. Client/Contact: Town of Miami Lakes/Darby Delsalle, AICP, LEED AP, Phone: (305) 512-7128, Email: delsalled@miamilakes-fl.gov. (2015 to Present)

Districtwide Surveying and Mapping Services, FDOT District 4, FL: Mr. Krisak served as Quality Assurance Program Manager to ensure the high quality of our survey staff and deliverables for this continuing services miscellaneous contract in which we provided the District design surveys, parcel and right-of-way stake outs, digital terrain models (DTM), geodetic control, control surveys, right-of-way mapping, right-of-way (monumentation) surveys, maintenance mapping and parcel sketches. Client/Contact: FDOT District 4/Paul Doll, P.S.M., Phone: (954) 777-4579. (2008 to 2015)

Fort Lauderdale International Airport, Broward County, FL: As the Project Manager for this contract Mr. Krisak supervises the Project Surveyors in a variety of survey services for the runway extension. Services include right-of-way determination and stakeout, monthly quantity survey and volume calculation, pile as-built surveys, control surveys, verification of control and construction stake out. (2011 to Present)

Miami-Dade County Public Works Department Surveying Services, Miami-Dade County, FL: Mr. Krisak served as Project Manager on various projects for Miami-Dade County such as:

- Homestead Air Reserve Park, Homestead, FL: Boundary, topographic and platting services for 216-acre park. Client/Contact: Miami-Dade County Parks and Recreation/Randy Koper, Phone: (305) 755-7860. (10/08 to Present)
- Kendall Library, Kendall, FL: Boundary, topographic survey and preliminary platting. Client/Contact: Miami-Dade County General Services Administration/Design and Construction Service Division/Asael Marrero, Phone: (305) 375-1115. (5/07 to 11/12)
- Miami Lakes Fire Station #64: Tentative plat and final plat and final plat preparation. Client/Contact: Miami-Dade Fire Rescue Department/Margarita Garces, Phone: (786) 331-4518. (3/09 to Present)
- MetroRail Bike Path Improvements: Topographic surveys on twenty (20) intersections. Client/Contact: Miami-Dade Transit/Orlando Capote, Phone: (786) 469-5248. (10/11 to 1/12)
- Naranja Park: Boundary survey for waiver of plat. Client/Contact: Miami-Dade County Park and Recreation Department/Randy Koper, Phone: (305) 755-7860. (10/08 to 12/08)
- SW 136th Street from SW 139th Court to SW 149th Avenue: Topographic survey for Public Works Division. Client/Contact: Miami-Dade /Yanek Fernandez, Phone: (305) 375-3016. (2/06 to 6/06)
- SW 88th Street and SW 57th Avenue; SW 88th Street and SW 112th Avenue; SW 122nd Avenue and SW 56th Street; SW 144th Street between SW 92nd Avenue and Miami-Dade Busway; SW 107th Avenue and SW 184th Street: Topographic surveys. Client/Contact: Miami-Dade Right-of-Way Division/David Hays, Phone: (305) 375-1019. (3/06 to 6/06)
- Miami-Dade Housing Parking Sites: Topographic surveys on ten (10) parking sites for Annie Coleman, FLA 5-016 Scattered Site Recertification Parking Lots Illumination Compliance. Client/Contact: Miami-Dade Housing Agency/Joseph Chang, Phone: (305) 644-5241. (4/07 to 7/07)

Utility Undergrounding Consultant Services, Sunny Isles, FL: Mr. Krisak serves as Project Manager for survey services for the Utility Undergrounding Consultant Services contract with Sunny Isles. Survey services included design surveys along Collins Avenue, design survey of 80+ FPL proposed easement sites, preparation of sketch and descriptions, design surveys of portions of 189th Street, 178th Street, Atlantic Boulevard, and NE 170th Street; right-of-way verification of 186th Street, 185th Street, 183rd Street, Atlantic Boulevard, and 178th Street. (2011 to Present)

Districtwide Surveying and Mapping Services, FPID# 429258-1-32-01, FDOT District 4, FL: Mr. Krisak serves as Quality Assurance Program Manager to ensure the high quality of our survey staff and deliverables for this continuing services miscellaneous contract in which we provide the district design surveys, parcel and right-of-way stake outs, digital terrain models (DTM), geodetic control, control surveys, right-of-way mapping, right-of-way (monumentation) surveys, maintenance mapping and parcel sketches. Client/Contact: FDOT District 4/Paul Doll, P.S.M., Phone: (954) 777-4579. (2016 to Present)

Fort Lauderdale Miscellaneous Survey Contract, Broward County, FL: Mr. Krisak served as Project Manager supervising engineering design surveys, and boundary surveys for key projects such as Sistrunk Boulevard, NW 19th Street, Miami Road, Sunset Memorial Gardens, Septic Area #2, #3, #4, #5, #8 and #16, Facility Security Sites, Fort Lauderdale Country Club, Shady Banks, Starlight Landing, Fire Station #13, Sunrise Key and Sunrise Intracoastal Subdivision, NE 56th Street, South Andrews Avenue for the City's Water Works 2011 Program. Client/Contact: City of Fort Lauderdale/Tony Irvine, P.L.S., Phone: (954) 828-5052. (2007 to 2010)

JEA Various Projects, Jacksonville, FL: Mr. Krisak was Project Manager for various citywide projects such as University Boulevard Water Main Replacement, Day Avenue Force Main, Phelps Street to Florida Avenue Survey, Racetrack Road Right-of-Way Survey, North JAX Force Main, Lakeshore Boulevard Survey and Bush Road Survey. The major survey tasks provided on these projects were topographic survey, coordination of subsurface utility designation, design survey, coordination of utility locations, sketch and description of easements. Client/Contact: JEA/William McCann, Phone (904) 665-4498. (2008 to 2010)

Kirk Hoosac, RLA
Landscape Architecture

Academic Background
B.L.A., Landscape Architecture, University of Florida, 2006

Landscape Architecture Study Abroad, Paris, France, 2005

Professional Registrations
Registered Landscape Architect, Florida
LA# 6667091

As the previous FDOT District Landscape Architect in District 6, Mr. Hoosac offers a wide range of experience in all phases of landscape architecture including plan development, concept generation, cost estimating, site inventory, site and master planning, landscape and irrigation design, project specifications, construction observation, landscape inspection and quality control. He has participated in a variety of project types including planning and design for transportation, commercial, residential and municipal projects. Mr. Hoosac is confident and skilled in performing his responsibilities, from dynamic presentations to disciplined project management, he brings a positive and proactive approach to his projects.

Relevant Experience

FDOT District 4 Landscape Continuing Services, Broward, Martin, and Palm Beach Counties, FL: Mr. Hoosac serves as a Project Manager for the FDOT District 4 office providing landscape architectural services including preparation of Bold landscape plans, irrigation plans and tree relocation plans. Client/Contact: FDOT District 4/ Elisabeth Hassett, RLA, Phone: (954) 777-4219, Email: Elisabeth.Hassett@dot.state.fl.us. (2016 to Present)

Districtwide Landscape Design Services, Miami-Dade County, FL: Worked on multiple projects with PD&E staff members, doing miscellaneous tasks such as; tree species identification, tree evaluations, tree mitigation costs and/or appraisals, and long range estimates (LRE's). Attended and created graphics for public meetings, including conceptual typical landscape beautification treatments when part of the PD&E scope. Reviewed multiple roadway typical sections for potential landscape impacts, or ways to soften impacts such as buffering of noise walls. Client/Contact: FDOT District 6/ BaoYing Wang, P.E., Phone: (305) 470-5211, Email: BaoYing.wang@dot.state.fl.us. (2006 to 2013)

NW 74th Street PD&E, Miami-Dade County, FL: County Roadway being widened and reconstructed, to meet FDOT standards, and will be converted to a State Roadway upon completion of construction. Evaluated tree impacts, and prepared concepts and graphics for landscape buffer treatments along a proposed noise wall due to public requests and terms for property exchange. Client: FDOT District 6, Phone: (305) 470-5448.

SR-5/Overseas Highway PD&E, Monroe County, FL: Several roadway resurfacing projects with shoulder improvements from Tavernier to Key Largo. As the Florida Key only vehicular evacuation route, improved shoulders were needed to improve the hurricane evacuation volumes to decrease over all evacuation time. Landscape improvements were proposed and typical graphics were created for publics meetings in order to sell the projects to the public and elected officials. Client: FDOT District 6, Phone: (305) 470-5448.

SR-5/US-1/Key Largo MM97 to MM99, Monroe County, FL: Billboard coordination, tree inventory, landscape design, and field inspection - This project is a beautification of a 2.5-mile section of the upper Keys main business district through Key Largo. Client/ Contact: FDOT District 6/BaoYing Wang, P.E., Phone: (305) 470-5211, Email: BaoYing.wang@dot.state.fl.us. (2012 to 2015)

FDOT Districtwide Landscape In-House Services, Miami-Dade County, FL: Mr. Hoosac served as a contracted in-house project manager for the FDOT District 6 office from 2006 to 2011, providing landscape architectural services including preparation of landscape and irrigation plan sets, plan reviews, estimating, presentations, reports, permit coordination, facilitation of phase review meetings, tree relocation coordination, assisting in the execution of Maintenance agreements, project observation and inspection, and landscape warranty assistance. Client/Contact: FDOT District 6/BaoYing Wang, P.E., Phone: (305) 470-5211, Email: BaoYing.wang@dot.state.fl.us. (2006 to 2013)

LeJeune Road and the Rental Car facility, Miami Intermodal Center, Miami-Dade County, FL: Landscape, lighting, and irrigation design; Construction oversight and coordination for this major Miami International Airport facility. Client/Contact: FDOT District 6/BaoYing Wang, P.E., Phone: (305) 470-5211, Email: BaoYing.wang@dot.state.fl.us. (2006 to 2011)

I-95 (10 projects), Miami-Dade County, FL: Over 10-miles of Highway beautification of the I-95 corridor including landscape design and construction oversight to improve the aesthetic character of the corridor, reduce maintenance, and highlight the major and minor interchanges, which resulted in the installation of over 10,000 trees. Client/Contacts: FDOT District 6/Craig James, RLA, Phone: (305) 470-5221, Email: Steven.James@dot.state.fl.us and BaoYing Wang, P.E., Phone: (305) 470-5211, Email: BaoYing.wang@dot.state.fl.us. (2006 to 2013)

SR-826/Palmetto Expressway, 36th Street in Doral, Miami-Dade County, FL: Landscape design for this prominent interchange. Design included species selection of mature trees to achieve instant impact upon installation while still keeping low maintenance design. Provided overall landscape and irrigation design and coordinated with the FDOT District 6 and the City of Doral for maintenance agreements. Client/Contact: FDOT District 6/ Paul Moss, Phone: (305) 470-5384 (2009 to 2011)

SR-826/Palmetto Expressway (6 projects), Miami-Dade County, FL: Highway beautification for the I-95 corridor including landscape design, public involvement and construction oversight. Design for over 6-miles of roadway, including mostly drought tolerant native species, to improve the aesthetic character of the corridor, reduced maintenance, highlighting interchanges and mitigating the effects of the recent reconstructions Client/Contact: FDOT District 6/BaoYing Wang, P.E., Phone: (305) 470-5211, Email: BaoYing.wang@dot.state.fl.us. (2009 to 2011)

I-95/Becker Road Interchange, St. Lucie County, FL: Designer - Roadway beautification and irrigation for a 22-acre site. Client/Contact: City of Port St. Lucie/James Angstadt, Phone: (772) 871-5174. (2006 to 2008)

I-95/Crosstown Expressway Interchange, St. Lucie County, FL: Designer and Inspector - Roadway beautification and irrigation for a 13-acre site. Client/Contact: City of Port St. Lucie/Roxanne Chesser, Phone: (772) 871-4438. (2006 to 2009)

Biscayne Boulevard, Miami-Dade County, FL: Conducted tree evaluations and provided tree relocation, landscape and irrigation design for corridor renovations. 1.4-mile of streetscape redesign including sidewalks, landscape and irrigation. Plans entailed specifications for the relocation and preservation of historic palm trees. Client/Contact: FDOT District 6/Jose Barrera. P.E., Phone: (305) 470-5260. (2006 to 2008)

SR-A1A, Fort Lauderdale, FL: Following a roadway reconstruction project, Mr. Hoosac oversaw the landscape and irrigation construction which conformed with the City's master plan. Client/Contact: FDOT District 4/Brent Lee-Shue-Ling, Phone: (954) 777-4075, Email: Brent.Lee-Shue-Ling@dot.state.fl.us. (2016)

I-95/Martin Hwy Interchange, Martin County, FL: Mr. Hoosac was the Project manager for this stand alone landscape project with an irrigation component which had a $1.2 million budget. The establishment irrigation system was permitted through SFWMD. Client/Contact: FDOT District 4/Kenzot Jasmin, P.E., Phone: (954) 777-4462, Email: Kenzot.Jasmin@dot.state.fl.us. (2016)

Lyons Road Master Plan Streetscape Improvements, Coconut Creek, FL: Landscape, irrigation & paver design for three streetscape improvement projects totaling over 5-miles. Client/Contact: City of Coconut Creek/Pamela Stanton, Phone: (954) 956-1463. (2006 to 2011)

Jake Ozyman, P.E., ENV SP
Civil Engineering

Academic Background
M.S., Civil Engineering & Construction Management
New York University, New York

B.S., Engineering
Yildiz Tech University, Istanbul

Professional Registrations
Registered Professional Engineer, FL #74421
NY #90288
MD #42815

Professional Certifications
FDOT QC Manager

Asphalt Paving - Level I & 2

Advanced Maintenance of Traffic

FDOT LAP Bid Packages Training

FDOT LAP Scheduling Training

Envision™ Sustainability Professional

Professional Affiliations
Board Member, Miami-Dade County Shoreline Review Board

Over the past 18 years, Mr. Ozyman has successfully managed numerous infrastructure, roadway, land development and water resources projects, understanding key stakeholder/agency needs and requirements, meeting those needs without compromising on project goals or client budgetary and schedule requirements. Mr. Ozyman focused on project intent; understood constraints and opportunities; and worked collaboratively in a multi-disciplined environment.

In addition to engineering design expertise, Mr. Ozyman served as Senior Project Engineer on some of the most complex projects within the Metropolitan Area with specific experience in construction inspection of highway, bridge and entire street infrastructure including new sidewalk, curb, road restoration, traffic signals, streetlights, water mains, sanitary and storm sewers, and catch basins. With emphasis in project set-ups, management, record keeping, quality control, material testing, closeouts, problem solving, constructability reviews and estimating.

Relevant Experience

Turtle Run Community Development District, Coral Springs, FL: District Engineer - Mr. Ozyman is currently serving as District Engineer for the Turtle Run Community Development District. In the capacity of District Engineer, Mr. Ozyman attends all Board Meeting and coordinates closely with the District management team, Board Members and Council on a variety of projects within the district. He reviews engineering permit plans submitted for compliance with District Criteria and best engineering practices and techniques. In addition, Mr. Ozyman has also provided surveying, design, permitting, bidding and negotiation, construction management, and inspection services for various district projects.

Feasibility Studies for the Construction of Municipal Parking Garages, Miami Beach, FL: Senior Project Engineer leading feasibility studies for the construction of multi-deck municipal parking garages within the South Beach area. Feasibility studies included existing site analysis, zoning and code issues, parking design requirements, user groups and requirements, issues related to construction period, traffic issues. Mr. Ozyman is in charge of developing site plans, traffic circulation and deck floor plans, project finance and cost schedules, delivery methods, project schedule, and incorporating green design. In addition, Mr. Ozyman is preparing pro forma analysis to forecast return on investment.

Reconstruction of the 400m Athletic Track, Gwen Cherry Park, Chapman Field Park Access Road, Liberty City, FL: Senior Project Engineer in charge of managing and developing design and construction documents for the 400-meter standard athletic track and its vicinity. The track's pavement has undergone significant distress with major reflective cracks, both transversal and longitudinal at various locations due to differential settlement within the underlying unsuitable stratum. The project included geotechnical engineering & analysis, geometric design & analysis, storm water modelling and drainage design, signage and striping. (3/05 to 12/05)

Coral Bay Community Development District, Margate, FL: District Engineer - Mr. Ozyman is currently serving as District Engineer for the Coral Bay Community Development District. In the capacity of District Engineer, he manages all engineering projects related to Coral Bay's streets, sidewalks, landscaping, parks, pools, lakes, canals, and security within the 236-acres of land. Mr. Ozyman attends all Board Meeting and coordinates closely with the District Board.

Reconstruction of SW Guadalajara Street, Coral Gables, FL: Senior Project Engineer responsible of managing and developing design and construction documents for 1-mile of SW Guadalajara Street which provides an access to the Chapman Field Park. The project included roadway geometric design, storm water modelling and drainage design, permitting with South Florida Water Management District, roundabout design, parking facility design, domestic water system with horizontal drilling, signage and striping, and Maintenance and Protection of Traffic Schemes. (7/05 to 1/06)

Feasibility Studies for the Construction of Municipal Parking Garages, Miami Beach, FL: Senior Project Engineer leading feasibility studies for the construction of multi-deck municipal parking garages within the South Beach area. Feasibility studies included existing site analysis, zoning and code issues, parking design requirements, user groups and requirements, issues related to construction period, traffic issues. Mr. Ozyman is in charge of developing site plans, traffic circulation and deck floor plans, project finance and cost schedules, delivery methods, project schedule, and incorporating green design. In addition, Mr. Ozyman is preparing pro forma analysis to forecast return on investment.

Norris Cut Sewer Outfall Tunnel, Miami-Dade County, FL: Senior Project Engineer responsible of providing engineering services, and coordinating with permitting agencies regarding all of the ongoing permits for the design-build project that will replace the existing 54-inch sewer force main for a 60-inch force main. The project scope consists of the installation of a one-mile precast concrete segmental tunnel from the Virginia Key Central District Wastewater under Biscayne Bay Norris Cut Channel to Fisher Island. Project elements include planning, engineering, design, permitting, procurement, construction/installation testing and startup for the new 60-inch replacement force main. Construction cost: $72 million. (2/05 to 1/06)

Reconstruction of Chapman Field Park, Coral Gables, FL: Senior Project Engineer responsible of managing and developing design and construction documents for access road and dog park entrance. The project included roadway geometric design, storm water modelling and drainage design, permitting with South Florida Water Management District, roundabout design, parking facility design, domestic water system with horizontal drilling, signage and striping, and Maintenance and Protection of Traffic Schemes.

Fire Suppression System Study, Bay Front Park, Homestead, FL: Senior Project Engineer responsible of providing engineering services to evaluate the condition of the existing fire suppression system at Homestead Bayfront Park, and prepare alternatives that would be more reliable, reduce maintenance and operating costs, and require less cumbersome infrastructure. Prepared cost estimates for each alternative which included project costs and lifecycle costs. (7/05 to 10/05)

Island Estates Drive, Aventura, FL: Senior Project Engineer responsible of providing engineering services to perform an analysis of existing and future vehicular and pedestrian traffic, and evaluate the need for additional pedestrian facilities at Island Estates Drive. Island Estates Drive is a 24-feet wide private local access/sub collector road, which connects North and South Island in Dumbfounding Bay to Island Boulevard in Williams Island. The project included analysis of level of service (LOS) for both the roadway and the pedestrian facilitates, existing and future traffic volumes, pedestrian facilities and their level of service (LOS). Mr. Ozyman also provided expert witness services. (2/05 to 8/05)

New Cassel Community Center, North Hempstead, NY: Project Civil Engineer for the development of a state-of-the-art LEED-Certified (Platinum) community center. The site design includes all elements required to achieve the maximum LEED certification rating including landscaping with drought-tolerant native tree and plant species, minimizing the area for parking and walkway systems, lighting with dark-sky compliance, developing a sustainable storm water management system, which provides a recycled/re-claimed water system for irrigating the on-site community garden.

Roberto Rubio, P.E.
Structural Engineering

Academic Background
B.S., Civil Engineering, University of Missouri, 1984

M.S., Civil Engineering, Structures and Mechanics Division, University of Washington, 1987

Professional Registrations
Registered Professional Engineer, FL #48982

Professional Certifications
Work Zone Safety Specialist

Publications
Contributions to "Load Distribution and Connection Design for Precast Stemmed Multibeam Bridge Superstructures", NCHRP Report 287, AASHTO Table 4.6.2.2.2b-1, Bridge Cross Section Type h

University of Washington, Seattle, Structures and Mechanics Report SM 87-3 "End Responses in Skewed Multibeam Precast Concrete Bridges" by J. F. Stanton and R.M. Rubio Roach

Mr. Rubio has over 15 years of experience in the field of bridge engineering and 10 years of experience in miscellaneous infrastructure engineering including water resources and marine structures. He is thoroughly familiar with all facets of FDOT bridge design, rehabilitation, and reconstruction projects. His consulting experience includes project management support and technical design lead or supervisor positions, and he served for 2 years as Bridge Rehabilitation Design Engineer, 2 years as Bridge Load Capacity Rating Engineer, and 3 years as Consultant Project Manager/Administrator for FDOT (District 4). He has extensive experience in the design of simple and complex concrete and steel bridges including composite post-tensioned concrete girder bridges and curved composite steel built-up girder bridges, as well as pile and drilled shaft foundations, seawalls, cofferdams, culverts, and roadway sign and signal structures.

Relevant Experience

New West Avenue Bridge over Collins Canal, Miami-Beach, FL: Participated on design calculations of superstructure and substructure, detailing, drafting, QC, and coordination with city, county, FDOT, and contractor officials. The bridge consists of 14 pretensioned Florida Slab Beams composite with a 6" thick slab, supported on 18in diameter drilled shafts to avoid vibration damage due to pile driving equipment on nearby properties. The bridge has a 61.25 ft span and a 64 ft clear width, with a 28.5° skew angle on both end bents. The bridge will accommodates three lanes of traffic, two due north and one due south, with 5.5 ft wide bicycle lanes and 10 ft wide sidewalks on both sides. Architectural features include arched precast panels on both sides or fascia. Client/Contact: Bergeron Land Development, Inc./Brian Landis, Phone: (954)680-6100, Email: blandis@bergeroninc.com. (12/15 to Present)

Inspection of the Long Key Bridge, Key Largo FL: Mr. Rubio performed the periodical inspection of the segmental bridge superstructure where piers were under complete replacement, one pier at a time/weekend. Bridge had to be lifted at the piers that needed replacement and set on a temporary support structure. The inspection included identifying new damages to the segments due to lifting such as shear or bending moment cracks, spalls, etc., below, inside and above the segments or on the bridge deck surface. A total of 7 piers were inspected using boom lift trucks placed over a barge for the underside inspection. A report to the contractor was due for every pier location inspected to recommend/ensure that the bridge remained operational, or damages were within acceptable and safe limits, as the bridge is located along US-1, the only access roadway into and out of the Florida keys. Leaded the inspections assisted by a junior engineer. (11/14 to 9/15)

SR-916, Dixie Highway to US-1, Safety Project, FL: Mr. Rubio performed design of two permanent steel sheet pile walls for canal stabilization including transition to sand cement retaining walls around three 4-foot diameter concrete pipe culverts. Mr. Rubio performed pavement design and detailing to fix deficient x-slopes along the entire corridor. He also performed QC of 100% plans, structure and roadway, which included a bridge widening. (4/15 to 9/15)

SR-5, Ponce de Leon Boulevard to Douglas Road, Safety Project, Miami-Dade County, FL: Mr. Rubio prepared the BDR and designed reconstruction (relocation) of a scenic steel truss pedestrian bridge including access/pier towers, mechanical room and elevator shaft structures. Mr. Rubio aided junior staff in the implementation of MIDAS Structural Software (Civil/Bridge module). Mr. Rubio performed 60% existing roadway drainage analysis and proposed drainage design required by the roadway widening or straightening for visibility improvements, and by the excessive ponding or spread at the sag inlets. He also performed QC of entire set of 60% plans. (10/14 to 6/15)

Tren Electrico, Mass Transit System, Lima, Peru: Structural Engineer - This structure is a high-profile guideway approximately 10.5-kilometers (6.5-miles) in length. Mr. Rubio provided structural engineering design services including seismic evaluation for the $400 million Tren Electrico (Electric Train), Lima-Callao Line 1 project, consisting of ballasted dual rail transit guideways. The new structure features precast girders and reinforced concrete piers on spread footings and, in a few cases, on piles. Typical spans were 20-meter (65.62-foot) long and made continuous up to six spans by the reinforced concrete deck and post-tensioned cast-in-place diaphragms. Precast girders are also used in modules with spans up to 35-meter (114.83-foot). Single and double cell post-tensioned concrete box girders spanning up to 45-meter (147.64-foot), and continuous over 2 to 3 spans were used over the major avenues and freeways, and where the alignment was on a curve. (4/11 to 8/14)

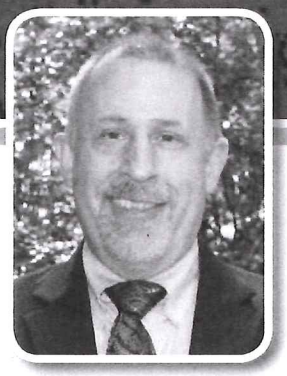
Analysis and upgrades to mast arm signal structures along Brickell Avenue in downtown Miami, Florida: Upgrades needed to accommodate additional sign panels at the intersection with 10th, 14th, and 15th Streets, due to traffic operation improvements. (4/14 to 7/14)

Eller Drive (West Bound South Ramp Bridge at Eller Drive), Bridges 860646 and 860647: Mr. Rubio conducted the foundation re-design for relocation of two prestressed concrete pile group foundations at piers 7L and 8R, within the left and right bridges respectively, in favor of drilled shaft foundations (alternative 1) or H-Pile foundations (alternative 2), to avoid damage to proposed 10" dia. buried steel gas pipe going to Port Everglades. Mr. Rubio performed the structural analysis and redesign of the steel superstructure using MDX, given the increases in span lengths. He also checked the structural computations by the contractor for the phased erection of the steel superstructure girders. Post design services included retrofit of newly installed pre-fabricated end wall to receive a larger capacity concrete pipe (5' diameter pipe end wall to 7' diameter pipe end wall). Client: FDOT District 4. (5/13 to 12/13)

Design of sign structures along 25th Avenue in the city of El Doral, Miami-Dade County, FL: Design of 20 new guide signs mounted on span truss and cantilever truss structures, needed for improved access to the Florida Turnpike. (6/13 to 9/13)

Albert Pallot Park Shoreline Protection Project, Miami, FL: Park is located on the east banks of Biscayne Bay. Design of bulkhead to replace existing natural rip-rap protection. Designed approximately 200-foot of prestressed concrete bulkhead in accordance with FDOT Standard 6040. Special design included openings to accommodate two existing concrete drain pipes going into the bay, allowance for a kayak launch, and tying to existing bulkhead on the south end and to a building on the north end. (10/12 to 4/13)

Design-build for Central Boulevard Widening Realignment and Service Loop, MIA, Bridge no. 12: Mr. Rubio completed the structural check of the existing foundation for the reconstruction portion, consisting of two pile caps on 3 to 4 prestressed concrete piles at each existing pier. Mr. Rubio designed the substructure for the bridge extension consisting of 4 additional piers supporting 5 new spans. Each pier consisted of two reinforced concrete columns supported on spread footings and a steel floor beam or cap anchored at the top of the columns. The extension of the bridge ended on a new concrete abutment over a spread footing with MSE walls all around. The bridge had to accommodate simultaneous horizontal and vertical curves and several clearance constraints from the existing roadway below. Mr. Rubio performed the analysis of the steel superstructure using MDX and AASHTO LRFD (wide flange floor beams and girders, and diaphragms), composite with concrete deck, all the way to final plans and calculations, and performed QC of detailing and plans. Mr. Rubio provided post-design services, including repair (detailing and instructions) of an accidental full depth damage of an existing slab during construction. (3/11 to 8/11)



John Krane, P.E.
Transportation Engineering

Academic Background
B.S., Civil Engineering, Michigan State University, 1988

Professional Registrations
Registered Professional Engineer, FL #0048952

Post Graduate Training
Traffic and Transportation Engineering - Northwestern University Traffic Institute

Planning and Design of Freeways and Interchanges - Joel P. Leisch

Design, Construction and Maintenance of Highway Safety Features and Appurtenances - National Highway Institute

Basic and Intermediate FSUTMS Modeling

Land Use Modeling for FSUTMS

Leadership Academy

Mr. Krane has 28 years of experience in planning, transportation engineering, preliminary engineering/PD&E, access management, traffic operations, and safety, with 16-plus years of management experience. His primary areas of expertise include site impact analyses, intersection and roadway operational and level of service analyses, development and application of transportation demand forecasting models, project traffic development, and project management. He currently serves as the Director of Transportation Planning activities statewide. In addition to acting as senior advisor on division work and project manager for large projects, he is responsible for the oversight of workflow, staff development, and quality assurance of his division.

Relevant Experience

Traffic Engineering Services, Fort Lauderdale, FL: As the Director of the Transportation Planning Division, Mr. Krane was the senior advisor to the team providing support services to the City. Services included providing reviews for site impact analyses and parking studies submitted to the City for approval and developing the associated comments based on the City's Code. If requested, staff would attend and make presentations to the City Council to present and/or defend the City's position. Staff also prepared special studies as requested. In addition to the senior advisor role, Mr. Krane provided QA/QC of work products. Client/Contact: City of Fort Lauderdale/Dennis Girisgen, P.E., Phone: (954) 828-5123. (2/07 to 1/11)

Professional Transportation/Traffic Consulting Services, Lake Worth, FL: Senior Project Oversight – These services included development of a Traffic Calming GIS application to assist the City in applying their Traffic Calming implementation process. The database included field verified and located speed zones, traffic controls, crash data, school zones, bus routes, and existing traffic calming features. This data was then used to analyze two sample segments and make recommendations for implementation of traffic control devices. Client/Contact: City of Lake Worth/Jamie Brown, Public Services Director, Phone: (561) 586-1720. (7/14 to Present)

Traffic Engineering and Transportation Planning, Parkland, FL: As the Director of the Transportation Planning Division, Mr. Krane provided a senior oversight role for this Keith and Schnars project. Services included providing as-needed traffic engineering and planning services including traffic impact and site plan review, traffic control recommendations, traffic conditions monitoring, traffic operations analysis, comprehensive planning, ordinance development, a Citywide mobility assessment, and roadway improvement concept development. Keith & Schnars also provided representation on traffic engineering issues at City Commission meetings. Client/Contact: City of Parkland/Sowande Johnson, City Engineer, Phone: (954) 757-4144. (2008 to 2010 & 2013 to Present)

Pedestrian Oriented Mixed-Use Development Study, Miami-Dade County FL: Project Manager - The objective of the Pedestrian Oriented Mixed-use Development Study was to determine internal capture rates for Pedestrian Oriented Mixed-Use Developments (PODs) applicable to Miami-Dade County for the purpose of providing a basis for the potential revision of the existing Miami-Dade Traffic Impact Fee ordinance to reflect the influence of the trip characteristics of the PODs. The study included research into the characteristics of POD's, development of a checklist for local use, the analysis of locally collected data to assess trip-making characteristics, and making recommendations based on the study results for incorporation into the local planning regulations for POD criteria applicable to Miami-Dade County. Client/Contact: Miami-Dade County Department of Transportation and Public Works, Traffic Engineering Division/Myra Patino P.E., Phone: (305) 375-1682. (2015 to 2016)

John Krane, P.E.
Transportation Engineering

Post Graduate Training (Continued)
Various Management and Communication Classes

Site Impact Training

Q/LOS Training

Highway Capacity Workshop - Northwestern University Center for Public Safety

Professional Affiliations
Member, Institute of Transportation Engineers

General Planning Consultant (GPC), FDOT District 4 Office of Planning and Environmental Management: Senior Project Manager - As the Director of the Transportation Planning Division, Mr. Krane provided a senior oversight role for this Keith & Schnars GPC contract with the District's Strategic Intermodal System section. This was a Task Work Order based contract to assist the unit in conducting special projects, and other work as requested. Work conducted included an Origin-Destination Survey at 40 interchanges along I-95 in Broward and Palm Beach Counties, and a rail feasibility assessment along the US-27 corridor. Client/Contact: FDOT District 4/ Tammy Campbell, Phone: (954) 777-4668. (5/08 to 4/13)

I-95 at Oslo Road IJR and PD&E Study, Indian River County, FL: Mr. Krane was Project Manager for the study to justify a new interchange I-95 between the existing interchanges of Indrio Road in St. Lucie County and SR-60 in south Indian River County. The Interchange Justification Report (IJR) was approved in September 2014. Previous efforts to justify the interchange fell short, however, Mr. Krane was able to demonstrate the need for the interchange based on improvements to regional connectivity and emergency response. Subsequent to acceptance of the IJR by FHWA, Mr. Krane managed the PD&E study for the interchange. Approval of the PD&E study (LDCA) was granted by FHWA in May of 2016. Client/Contact: FDOT District 4/Sabrina Aubery, P.E., Consultant Project Manager, Phone: (954) 777-4585. (9/11 to 5/16)

Matanzas Woods and I-95 IJR, Flagler County, FL: Mr. Krane was Project Manager for a new interchange proposal along I-95 between the existing interchanges of Palm Coast Parkway in Flagler County and US-1 in St. Johns County. The Interchange Justification Report (IJR) was approved in March 2011. The interchange will enable the reconstruction of the existing bridge crossing of Matanzas Woods Parkway into a full interchange with I-95. The interchange will serve the City of Palm Coast, Bunnell, and future DRI scale developments that have been approved in the area. Client/Contact: Flagler County/ Faith Alkhatib, P.E., Flagler County Engineer, Phone: (386) 313-4045. (8/08 to 3/11)

Davie Commons DRI, IMR and LUPA Studies, Davie, FL: As the Director of the Transportation Planning Division, Mr. Krane became the senior advisor to the study team preparing complex development related studies including a Development of Regional Impact (DRI) report, Interchange Modification Report (IMR) and a Land Use Plan Amendment (LUPA) for a development of 2,000,000 square feet. Mr. Krane's FDOT and policy experience to assist with the application progress through FDOT and FHWA procedures. Client/Contact: Bob Gorlow, Phone: (305) 556-4739. (2/07 to 6/11)

General Engineering Consultant (GEC), FDOT District 4 Traffic Operations Office: Senior Project Manager - As the Director of the Transportation Planning Division, Mr. Krane provided a senior oversight role for this Keith and Schnars GEC contract with the District's Access Management section. This was a Task Work Order based contract to assist the unit in conducting special projects, and other work as requested. Client/ Contact: FDOT District 4/Beth Coe, Phone: (954) 777-4373. (11/07 to 12/10)

Marisa Magrino, ISA, LIAF, FNGLA
Environmental/Natural Resources

Years of Experience: 16

Academic Background
M.S., Marine Biology, Nova Southeastern University, 2006

B.S., Biology, Arizona State University, 2001

Professional Certifications
ISA Certified Arborist, 2012

PADI Certified Advanced Open Water Rescue SCUBA Diver, 2003

CPR and Emergency First Response Certified

FDOT Maintenance of Traffic (MOT) Intermediate Course, Certificate #11314, 2015

Certified Stormwater Inspector, 2015

FNGLA Certified Landscape Technician (FCLT)

Professional Training
Supervisory/Leadership Training, 2014

Scientific Diving Training – American Association of Underwater Scientists (AAUS)

GIS Trainings, 2011 & 2012

Florida Boater Safety Course (DERM)

Mitigation Assessment Methodologies (UMAM, MWRAP, WATER)

Coastal & Wetland Identification

Ms. Magrino is a Senior Environmental Scientist and Permit Coordinator with Keith & Schnars. She recently served as a Natural Resources Specialist, requiring her to effectively manage projects, issue licenses and permits, conduct biological assessments and wetland determinations, create and review technical reports, map wetland and seagrass in GIS, and ensure compliance with regulations on all levels. Due to her extensive educational and professional experience, Ms. Magrino is proficient in coastal and wetland species identification, mitigation assessment methodologies (e.g. UMAM, MWRAP, and WATER) and various computer programs. Ms. Magrino has also received her certifications as an ISA Certified Arborist and a PADI Certified Advanced Open Water Rescue Diver.

Relevant Experience

Sanitary Sewer Main Repair, Rose Drive, Fort Lauderdale, FL: Keith & Schnars' engineering and environmental divisions were retained by the City of Fort Lauderdale to replace a gravity sewer main line. Ms. Magrino was the project manager and conducted a biological survey (mangroves) of the proposed work area to determine environmental impacts. She obtained environmental authorizations from Broward County, FDEP and ACOE for the City of Fort Lauderdale. Client/Contact: City of Fort Lauderdale/Katherine Griffith, Phone: (954) 828-6126, Email: kgriffith@fortlauderdale.gov. (6/15 to 10/15)

Wetland Mitigation at Everglades Restoration Area (ERA), Weston FL: Assists with construction compliance of a 42-acre wetland mitigation area, and assisted with setting transects and collection of field data for the time zero baseline report. Site included a mosaic of emergent wetlands, tree islands, open water habitat, and a perimeter berm. Client/Contact: Broward County Engineering Division/Brad Terrier, Phone: (954) 577-4557, Email: bterrier@broward.org. (2013 to Present)

Natural Resource Specialist, Broward County, Plantation, FL: As Natural Resource Specialist, Ms. Magrino was responsible for the management and issuance of Environmental Resource Licenses for the County and Environmental Resource Permits on behalf of FDEP and SFWMD. Additional duties included: conducting biological assessments and wetland determinations; creating technical reports; analyzing findings to evaluate potential environmental impacts to water quality, fish, wildlife and vegetation (seagrass, mangroves and wetland species) and making recommendations for avoidance, minimization and mitigation; monitoring and managing wetland preservation and mitigation areas; reviewing technical reports (biological surveys, hydrologic data), plats and engineering plans; GIS wetland and seagrass mapping, maintenance and analysis; conducting seagrass data sampling and monitoring surveys; preparing and issuing Warning Notices and Notices of Violations for unauthorized environmental impacts; developing internal guidance and policies; assuring compliance with Broward County Code, Manatee Protection Plan and State laws; and coordinating with other departments on internal, state, and federal levels when evaluating projects. (12/05 to 4/15)

Biologist, Miami-Dade County DERM, Miami, FL: Ms. Magrino managed, processed and issued Class I permits for coastal construction projects, while ensuring compliance with the Miami-Dade County Code and Manatee Protection Plan. Additional duties included: conducting biological assessments; creating technical reports; analyzing findings to evaluate potential environmental impacts to seagrass and mangroves; making recommendations for avoidance, minimization and mitigation; reviewing technical reports (biological surveys) and engineering plans. (5/04 to 12/05)

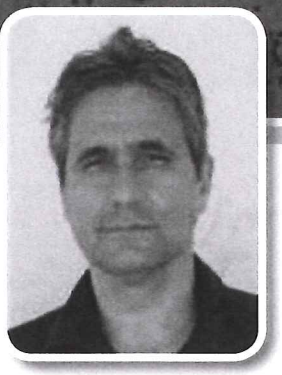
Professional Affiliations
Association of State Wetland Managers, Member

Kissimmee River Restoration, S-65EX1 Spillway, Protected Species Management, Okeechobee County, FL: The U.S. Army Corps of Engineers (USACE) constructed a new spillway on the Kissimmee River. For the contractor, Cajun Constructors, Ms. Magrino conducted biological monitoring for protected species. Client/Contact: GFA International under contract with Cajun Constructors/Tony Macaluso, Phone: (772) 924-3575. Email: tmacaluso@teamgfa.com. (2013 to 9/15)

I-95 and Oslo Road/CR-606 Interchange, Indian River County, FL: Keith & Schnars prepared a PD&E Study for FDOT District 4 to create an interchange at Oslo Road and I-95 in Indian River County. Ms. Magrino worked on supporting reports (Wetland Evaluation Report (WER) and Endangered Species Biological Assessment (ESBA) for this PD&E study. Client/Contact: FDOT District 4/Jeffrey Robbert, P.E., Phone: (954) 777-4648, Email: Jeffrey.Robbert@dot.state.fl.us. (9/14 to 4/16)

Wetland Enhancement Areas (WEAs) 4, 5 and 6, Big Cypress, Seminole Reservation, FL: Monitoring of the Seminole Tribe Wetland Enhancement Areas (WEAs) is required by the U.S. Army Corps of Engineers (USACE). Ms. Magrino was the project manager and conducted biological monitoring of these areas for wetland species identification, diversity and richness and prepared an environmental monitoring and status report for the Seminole Tribe of Florida. Client/Contact: Seminole Tribe of Florida/Whitney Sapienza, Phone: (954) 965-4380, Email: whitneysapienza@semtribe.com. (5/15 to 8/15)

Georgio Tachiev, Ph.D., P.E.
Water Resources



Academic Background
Ph.D., Water Resources and Environmental Engineering
Vanderbilt University, 1998

M.S., Chemical Engineering
Vanderbilt University, 1997

B.S., Civil Engineering
VIAS Sofia, Bulgaria, 1988

Professional Registrations
Registered Professional Engineer, FL #67520

Professional Certifications
Project Management
Princeton Groundwater Remediation Training

Professional Affiliation
Miami-Dade County Climate Change Task Force

Dr. Tachiev has 26 years of experience in Water Resources, Hydrology and Water Quality, Civil and Environmental Engineering. He has experience in management of Civil and Environmental Engineering Projects, including development of complex numerical models for H&H analysis, analysis of remediation strategies, environmental and water resources management, and risk analysis.

Dr. Tachiev has expert level knowledge of state of the practice numerical software for water resources (MIKE SHE/11/21/FLOOD/ECOLAB, MODFLOW, XPSWWM, INFOSYS), spatial analysis using GIS technologies, and statistical processing software (SAS, MATLAB), computer programming and scripting (FORTRAN, C, C++, MATLAB, SAS, PYTHON, UNIX SHELL, PERL, SQL) for automated processing, analysis and visualization of large hydrological and water quality datasets.

He is experienced in all phases of engineering design, project management, technical reviews, quality control, and reporting. His expertise includes projects as it relates to unique and challenging GIS problems, water resources engineering (surface, canal and subsurface flow in the Everglades National Park, development of TMDL modeling tools (mercury pollution within the Oak Ridge Reservation, TN) and development of variable density subsurface models.

Relevant Experience

Implementation of Stormwater Master Plan (SWMP), Key Biscayne, FL: Dr. Tachiev is currently working on the VKB SWMP. VKB's 850 acres lie in a coastal community, which is influenced by tidal waters. He is involved in the task to update the current SWMP by performing the hydraulic/hydrologic analyses and evaluation of VKB's storm watershed, implementation of Green Infrastructure, development of surface and groundwater level monitoring program. Dr. Tachiev provides QA/QC of Data Collection, revision and update of the current Info-SWMM model to the current version, and development of basin ranking methodology. The update to the VKB SWMP task includes proposing improvements and accounting for sea level rise and green infrastructure.

Integrated Civil Engineering and Environmental Services, Urban Planning Project in Pirituba, Sao Paulo, Brazil: Dr. Tachiev analyzed the background information and participated in the planning charrette. He developed conceptual plans for green infrastructure to accomplish zero-stormwater discharge from the site (520 ha), which included maximizing storage of water on site to ensure that pre-development hydrology is preserved and to provide aquifer recharge and pollutant reduction and containment on-site. The proposed Green infrastructure components will provide sufficient storage for rainfall for 25 years frequency. The plan included green infrastructure components including 3 lakes and several natural preserves which were calculated to retain the entire stormwater runoff on site. (2015)

Integrated Surface and Subsurface Flow Model of the Everglades National Park (ENP), South Florida (NPS): Dr. Tachiev was the lead model developer for an integrated surface and subsurface model integrated with the drainage water management operations of the Everglades National Park (ENP) using MIKE SHE and MIKE 11 simulation platforms and included operation schedule of control structures. He analyzed, observed, and computed time series of canal discharges stages within the canals and domain. Dr. Tachiev determined the impact of operation scenarios on subsurface and overland flow across ENP; developed MATLAB code and a toolbox to provide stochastic analysis, pre and post-processing, visualization, statistical analysis, and determine operating parameters. The model covers 1,250 sq. miles of the ENP. (2011 to 2014)

SR-826/Palmetto Expressway PD&E Study, Miami-Dade County, FL: The existing XPSWWM model for C-8 was modified to incorporate the proposed infrastructure which includes construction of two new ponds north of the airport to accommodate the increased impervious areas which will be introduced with the expansion of SR-826. The model was converted to a newer software version, additional nodes and links were developed, simulations were conducted and compared with simulations of the current infrastructure to determine the potential impacts on discharges and flood stages for a variety of storm events. (2013)

Groundwater Modeling for L-8 FEB, (SFWMD): Dr. Tachiev was the lead developer of a groundwater model using MODFLOW/GWVISTAS to assess the effect of L-8 FEB project operations on groundwater elevations adjacent to the project and to assist in selection of additional monitoring and station locations for both the short-term assessment and the long-term assessment time periods. Supported the analysis of available geotechnical information from borings and geophysical logs to analyze the existing aquifer and to determine the needs for additional drilling and monitoring. He developed transient calibration, verification and scenario models of the domain of 92 square miles to determine the impacts of reservoir operation on adjacent lands. (2014 to 2015)

Stormwater Treatment Area 1W (STA-1W) Expansion Project Watershed Hydraulic Study. (SFWMD): Dr. Tachiev was the lead developer of the 2D MIKE FLOOD model which couples to MIKE 11 with the 2D overland flow capabilities of MIKE 21. He integrated the MIKE 11 model with the 2D model and conducted detailed evaluations of the flow in 8 treatment cells which occupy 7,000 acres of land. The model simulations included calibration and verification periods. The model domain was additionally extended to the west by 6,000 acres and simulations of three alternatives were provided to determine the flow within the domain. He has developed a transport model which shows the flow of a conservative tracer through the system to provide analysis of potential short-circuiting and deviations from the plug flow regime of the STA. (2013 to 2014)

Hydrologic Modeling of West Miami Dade Reservoir for Phase II, Phase IIIA, Phase IIIB1 and Phase IIIB2, Miami, Florida: Dr. Tachiev developed a hydrologic model of a proposed reservoir proposed to be constructed using MIKE SHE and MIKE 11 hydrologic model. He developed the conceptual model and provided analysis of a series of simulations to understand the impacts of the reservoir on wetlands located to the west and south and the developed areas located east of the reservoir site for the dry and the wet seasons. All simulations were conducted using a vertical slurry wall surrounding the reservoir with 50 feet of depth. The changes and the impact of the pumping were determined by simulating drawdown of -25 ft and -50 feet and proposed withdrawal scenarios. The simulations were based on daily time steps for selected 10 years of model simulations. (2013 to 2015)

Dewatering Plans for Culvert Repair for Stormwater Treatment Area, Palm Beach County, FL (USACE): Dr. Tachiev developed dewatering plans for 43 culverts in Stormwater Treatment Area STA-1E. He completed the site assessment for lithology, hydraulic properties, and water elevations, operation schedules of gates and pumps, and historical meterological data. Dr. Tachiev developed an integrated surface and subsurface model to determine the expected seepage and provide design of the dewatering system. (2011 to 2016)

Design of Earthen and Sheetpile Cofferdams for Culvert Repair for Stormwater Treatment Area, Palm Beach County, FL (USACE): Provided engineering services for the repair of 43 Culverts of Stormwater Treatment Area STA-1E. Provided cofferdam stability analysis to ensure safe construction and decommissioning. Developed design documents for sheetpile and cofferdam construction. Developed numerical models to determine the seepage rates and analyze the hydrologic conditions of site. (2011 to 2016)

Clay M. Bryant, P.E.
Coastal Engineer (GBA Tampa, FL)

Credentials

- B.S. Civil Engineering – Georgia Institute of Technology (1981)
- Professional Engineer (Civil) – Florida 1991 (No. 43882), North Carolina 2005 (No. 31040)
- Member of American Society of Civil Engineers; Coasts, Oceans, Ports & Rivers Institute; and Florida Shore and Beach Preservation Association

Employment History

- 1987 – Present Gahagan & Bryant Associates, Inc.
- 1981 – 1986 Marathon Petroleum Company
- 1976 – 1981 Gahagan & Bryant Associates, Inc.

Highlights

Mr. Bryant has over 30 years of experience specializing in the design, engineering, and construction of navigation and beach restoration projects, as well as hydrographic and geotechnical surveys. Mr. Bryant has managed large-scale beach restoration projects and various inlet and deep draft channel projects across the country. His responsibilities include project management, topographic and hydrographic surveying of channels and beach profiles, permit procurement, channel design and layout, borings analysis and testing of borrow and fill materials, preparation of plans and specifications, construction inspection, tidal studies, and design of erosion control studies. Mr. Bryant has extensive experience in obtaining state and federal permits for beach restoration and navigation projects in the State of Florida, and is familiar with permitting requirements of the U.S Army Corps of Engineers (USACE), Florida Department of Environmental Protection (FDEP), and U.S. Fish and Wildlife Service (USFWS). He has also provided Federal Emergency Management Agency (FEMA) coordination for Flood Insurance Rate Map (FIRM) revisions and obtained numerous FEMA Category B and G reimbursements in Florida, North Carolina, and Massachusetts.

Representative Project Experience

St. Lucie Inlet Coastal Engineering Services, Stuart, FL (Martin County) – Program Manager – Since 1998, GBA has provided inlet-related engineering, surveying, and inspection services to Martin County. Projects have included several maintenance dredging and new work excavation of a sediment impoundment basin for improved dredging efficiency and jetty improvements. The basin excavation included 350,000 CY of limestone rock, which was disposed of 3 miles offshore, creating an artificial reef. Mr. Bryant performed a geotechnical investigation of rock substrate which resulted in modification of the USACE design and resultant project cost savings, and continues to provide Quality Control (QC) review of the USACE maintenance dredging plans and specifications. Continuing services include annual beach profile and inlet surveys to evaluate the littoral sediment budget and monitor shoaling rates. Mr. Bryant has assisted the County in federal project design and coordination with the USACE, served on the Inlet Technical Advisory Committee, obtained state permits and water quality certifications, obtained easements for pipeline corridors, and provided construction inspection and nearshore hardbottom monitoring services for beach disposal projects in the Hobe Sound National Wildlife Refuge.

Jupiter Island Beach Restoration Program, Town of Jupiter Island, FL (Town of Jupiter Island) – Program Manager – GBA has provided engineering, permitting, and consulting services for multiple beach nourishment projects and associated environmental monitoring for the Town during the past 40 years. GBA developed a comprehensive beach management program covering 6.5 miles of shoreline, and has designed, bid, and managed 12 beach nourishment projects placing 16.5 MCY of sand on the Town's critically eroded beaches. Mr. Bryant has been responsible for state and federal permit acquisition, project design, plans and specifications, and construction supervision. Sand searches associated with this project have resulted in a 12 MCY borrow site of compatible beach sediments. Other responsibilities have included annual borrow site and beach profile surveys, magnetometer surveys of borrow sites, sediment quality monitoring, and extensive reef and sea turtle monitoring. GBA has also performed post-storm documentation of hurricane damages resulting in over $15 Million of FEMA public assistance grants.

Mason Inlet Relocation Project and Long-Term Management Program, New Hanover County, NC (New Hanover County) – Program Manager – GBA provides inlet management including maintaining the inlet and channels within a designated corridor and nourishing the updrift beaches. Mr. Bryant oversees physical monitoring operations, including hydrographic, topographic, and aerial surveys. He has performed sediment transport evaluations of the inlet system and adjacent beaches, and he has provided planning analysis for long-term inlet management. Mr. Bryant is also responsible for environmental permitting, preparation of plans and specifications, cost estimation, and construction management for all maintenance dredging and beach nourishment. To date, seven maintenance dredging events have excavated sediment from the inlet system for nourishment of beaches on Figure '8' Island.

John F. Kennedy Space Center: Hydrographic Surveys, Dredged Material Maintenance Area Rehabilitation, and Maintenance Dredging, Cape Canaveral, FL (United Space Alliance) – Project Manager – This project involves annual condition surveys and multiple maintenance dredging events for the 17-mile Saturn Barge Canal, which provides access from Port Canaveral to the NASA marine facilities. Under Mr. Bryant's management, the GBA team provided design support, plans and specifications preparation, construction management and inspection, and performed the rehabilitation and expansion of three upland disposal areas. Mr. Bryant devised and negotiated a lease agreement with the Jacksonville District for use of a USACE disposal site, which resulted in a considerable reduction in maintenance dredging costs.

Great Lakes Dredge & Dock Co. Survey Services: Miami Harbor Construction Dredging of the 50-foot Project, Miami-Dade County, FL (USACE) – QA/QC – This project included the Phase 3 construction dredging for the 50-foot project of Cut 1, Cut 2, Cut 3, Fisher Island Turning Basin, Fisherman's Channel, Lummus Island Turning Basin, and local sponsor berthing areas. The project also included construction of artificial reef using limestone rock and dredge hole filling in the Julia Tuttle Mitigation Area for seagrass restoration. GBA was hired as a subcontractor to provide multibeam hydrographic surveys for the before-dredge, after-dredge, and interim construction conditions. Mr. Bryant was responsible for QA/QC of all GBA survey tasks and deliverables.

Great Lakes Dredge & Dock Co. Survey Services: Tampa Harbor Maintenance Dredging and Egmont Key Beach Nourishment, Hillborough County, FL (USACE) – QA/QC – GBA, a subcontractor of Great Lakes Dredge and Dock and its subsidiary Terra Contracting, LLC, was hired to perform the before-dredge, after-dredge, and interim construction hydrographic surveys using multibeam data collection technology. GBA also performed pre-construction topographic surveys and as-built and record surveys for two geotube installations on Egmont Key. Mr. Bryant was responsible for general oversight and overall QA/QC of GBA survey tasks and deliverables.

Ybor Turning Basin Expansion and Berth Construction, Tampa, FL (Tampa Port Authority) – Project Engineer – GBA provided engineering and inspection of the federal dredging project involving the construction of a turning basin for a new cruise ship terminal berth. Mr. Bryant performed a geotechnical investigation to delineate the extent of limestone rock within the dredging template to provide for accurate contract quantities. Mr. Bryant provided dredging construction supervision and inspection, and also provided analysis and assistance to the Port and USACE in the defense of contractor claims for differing site conditions.

Pier 400 and Main Channel Deepening, Los Angeles, CA (Port of Los Angeles) – Project Engineer – The primary purpose of the project was to improve deep-draft navigation (-53 feet MLLW) in the main channel, berths, and turning basins while maximizing the beneficial use of dredged material for both environmental and terminal construction purposes. GBA was the primary sub consultant in the preparation of the engineering criteria and designs for the dredging and placement portion for Stage I and Stage II of the Pier 400 Project as well as the Main Channel Deepening Project. As part of the GBA team, Mr. Bryant designed alternative dredging scenarios and estimated costs used in the creation of a 500-acre landfill for container terminal development. The project required extensive boring analyses and material take-offs to provide for optimal landfill performance with minimal post-fill subsidence. Mr. Bryant developed QC procedures and supervised daily topographic and hydrographic construction inspection surveys. He also calculated project volumes for rock containment, levee construction, and channel dredging.

Keith & Schnars Licenses & Certifications

FDOT
Florida Department of Transportation's
Construction Training Qualification Program

Certification of Qualification

Jose Gomez

Has completed the requirements for

QC Manager

Expiration Date: Does Not Expire*

CTQP
Construction Training Qualification Program
www.ctqpflorida.com

Melissa Wildermuth
Melissa Wildermuth
CTQP Program Administrator

*Continued Qualification is subject to FDOT procedure 700-000-01.

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presents the

Envision™ Sustainability Professional Credential

to

Jake Ozyman, P.E.

Presented on: November 26, 2013

William Bertera

William Bertera
Executive Director
Institute for Sustainable Infrastructure

FDOT

This Certifies that

Jose L. Gomez

Has Completed a Florida Department of Transportation Approved Maintenance of Traffic (MOT) Advanced Course.

Date Expires	03/14/2019	**Certificate #**	5653
Instructor	Ron Henley	**FDOT Provider #**	145

A Plus Training by Ron Henley, LLC
Phone: 352-339-4246
9001 SW 124 Street
Archer, FL
www.aplustrainingbyronhenley.com
rhenley8@cox.net

FDOT
Florida Department of Transportation's
Construction Training Qualification Program

Certification of Qualification

Jake Ozyman

Has completed the requirements for

Asphalt Paving Technician - Level 1

Expiration Date: August 1, 2019*

CTQP
Construction Training Qualification Program
www.ctqpflorida.com

Melissa Wildermuth
Melissa Wildermuth
CTQP Program Administrator

*Continued Qualification is subject to FDOT procedure 700-000-01

FDOT
Florida Department of Transportation's
Construction Training Qualification Program

Certification of Qualification

Jake Ozyman

Has completed the requirements for

QC Manager

Expiration Date: Does Not Expire*

CTQP
Construction Training Qualification Program
www.ctqpflorida.com

Melissa Wildermuth
Melissa Wildermuth
CTQP Program Administrator

*Continued Qualification is subject to FDOT procedure 700-000-01

FDOT
Florida Department of Transportation's
Construction Training Qualification Program

Certification of Qualification

Jake Ozyman

Has completed the requirements for

Asphalt Paving Technician - Level 2

Expiration Date: October 22, 2019*

CTQP
Construction Training Qualification Program
www.ctqpflorida.com

Melissa Wildermuth
Melissa Wildermuth
CTQP Program Administrator

*Continued Qualification is subject to FDOT procedure 700-000-01

A & SW Consultants, Inc.

This is to certify that

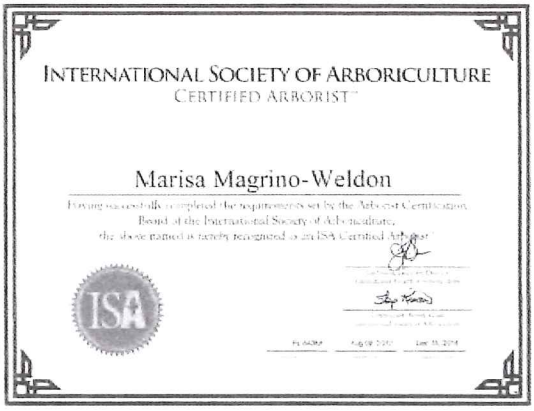
Jake Ozyman

has successfully completed the

MAINTENANCE OF TRAFFIC
ADVANCED LEVEL TRAINING COURSE

Provider: A&SW Consultants, Inc.
Provider ID #: 134
Date Completed: 07/03/2014
Refresher Date: 07/03/2018

Instructor (George Tedder)



INTERNATIONAL SOCIETY OF ARBORICULTURE
CERTIFIED ARBORIST

Marisa Magrino-Weldon

ISA

International Municipal Signal Association

Work Zone Safety Certification Program

ROBERTO M. RUBIO

Work Zone Safety Specialist

11 October 96

Certificate of Completion

Marisa J. Magrino

Has Completed a Florida Department of Transportation Approved Maintenance of Traffic (MOT) Intermediate Course.

QUALIFIED
STORMWATER MANAGEMENT
INSPECTOR

The undersigned hereby acknowledges that

Marisa Magrino

has successfully met all requirements necessary to be fully qualified through the Florida Department of Environmental Protection Stormwater Erosion and Sedimentation Control Inspector Training Program

October 28, 2015

Inspector Number 83982

This certifies that

Marisa Magrino

Landscape Inspectors Association of Florida, L.A.A.

Landscape Inspector

Section B. APPROACH TO PROJECT MANAGEMENT

1. Project Management

We do it your way. Our team members bring decades of experience delivering projects using our client's processes and standards. We will make sure it's done the way the City of Delray Beach (the City) expects, with no need for "hand-holding" on the City's part. We won't just sign a contract, we will proactively manage to protect the City's interests and provide the most value for the budget.

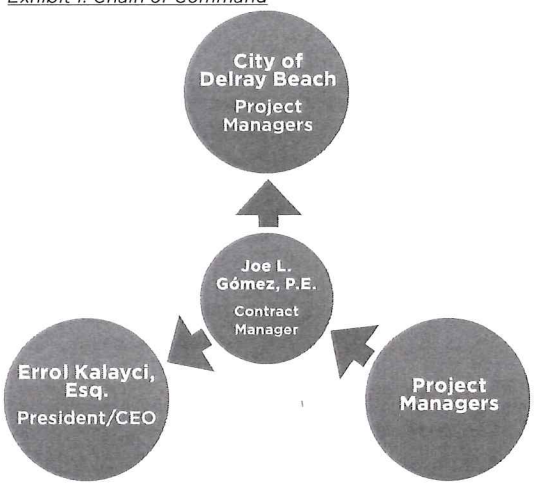
A full-service roster of local staff located to serve the City. Our staff is located in strategically located offices in Broward and Miami-Dade Counties. What you see is what you get: the staff shown in the organizational chart are the people who will deliver City's projects. And because we provide a full range of services in house, with many staff in each technical discipline, we can quickly scale up or down to meet City's needs.

We are committed to delivering the most value for the City budgets. With limited funds, the City needs consultants who can deliver exceptional value for the budget. Our culture is to innovate to save money and optimize value, based, in part, on our experience delivering design projects, where innovation has bottom-line implications.

A. Management and Organizational Structure

K&S management structure empowers project managers to take ownership of projects. By that, we mean our firm instills a high level of responsibility in project managers to plan and gain endorsement of their work, develop staffing plans to schedule staff availability, manage budgets and schedules to be cost effective, and continuously manage change to maintain high client satisfaction with no surprises. Our project managers are committed to establishing a solid understanding of what is needed, a sense of where the City is heading, and anticipating what City concerns will be for each task order. Our flat management structure encourages ownership with fewer layers of management. This provides quicker access to needed resources/staff for projects, quicker turnaround on scopes/amendments, and provides project managers with instant access to weekly tracking of project financials. It also provides the City with a single point of contact.

Exhibit 1: Chain of Command



As shown in Exhibit 1, K&S' chain of command at the project level looks like this: the contract manager has primary responsibility for client interaction and to deliver the project, typically relying on task leads for key disciplines or technical components. We are a team-based organization, with project managers and technical staff accustomed to delivering results for their contract managers.

K&S Team Organization

As shown on the Organizational Chart in Chapter 4 (page 69), K&S has assembled a full-service team that is available to meet the technical needs of the City. Joe Gómez, P.E. will serve as the Contract Manager. Joe will be the City's point of contact during the task order process. When a task order is issued by the City, Joe will work with our seasoned group of project managers to review the solicitation and assign the best suited project manager, one who understands each element of the work and how it fits with the schedule. Joe and selected project manager will assemble the right sized team of highly skilled engineers and technicians. While K&S can field an internal team to self-perform a majority of the work needed under this contract, we will always evaluate each discipline to optimize task efficiencies through staffing. In some instances, this may include assigning subtasks to our subconsultants, as outlined in the next section of our proposal. Once a task order is executed, our project manager will move forward with the project and become the point of contact for City's project manager while Joe will continue to serve as point of contact for the entire contract.

How Project Managers Will Be Selected for Specific Task Orders
K&S Project Managers will be selected for specific task order based on any of the following:

Project Needs: When a project is identified, we will begin by asking ourselves and the City what the critical issues for success are and what key characteristics are desired from a consultant team. A chartering session with City staff provides an opportunity for this type of collaborative input and also informs how a project team will operate. Chartering sessions are scaled based on the size of task and may simply be a line-item agenda topic at a project scoping meeting with the City staff, allowing for participation without a large time commitment. Based on this input, the K&S Contract Manager, Joe L. Gómez, may augment the team developed during the task order, including subconsultants, to support efficient delivery of the scope.

Expertise: In some cases, even when K&S can provide internal staff, a subconsultant with more expertise or an established relationship with a project stakeholder may be the right fit for the job. We will select the team members best capable of responding to and expediting task delivery-whether from our own firm or our subconsultants.

Availability: Readily available staff is key to successful project delivery. K&S managers look for team members who have the availability to maintain an active presence on a project, including additional work that could be added to a task order. In many cases, this means bringing in a subconsultant team member.

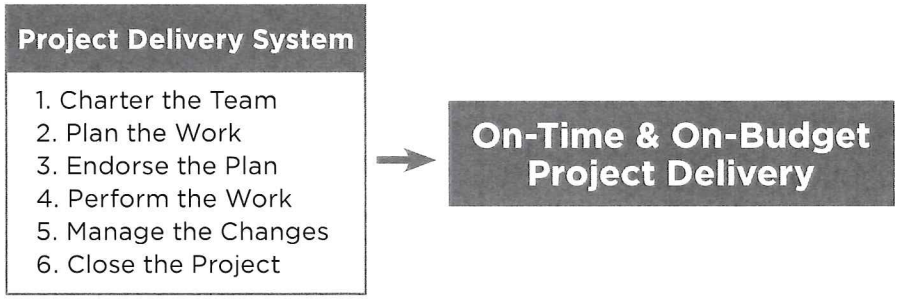
The subconsultant included on our team has a proven track record with K&S. For this contract, we will work with each of our subconsultant, GBA on scope development to help them provide the right technical focus and budget to complete tasks. While GBA have responsible charge of their piece of work, we serve as mentors to help them navigate processes and standards. In many cases, K&S has additional resources that can be called upon to support a subconsultant should one falter, ensuring that the project continues to run smoothly. One of the advantages of K&S' full-service capabilities is having the flexibility to self-perform most of the work or to bring in subconsultant to bolster the team.

B. Methods for Coordinating and Expediting All Elements to Meet Schedule without Sacrificing Quality

Regardless of the project scope, size, or complexity, there are common practices that move projects forward by coordinating and expediting elements while ensuring high quality. K&S has invested significant time and energy in training project managers to value, learn, and apply these practices.

That is the basis of K&S' Project Delivery System, which is what our project managers use to deliver successful, well-coordinated, and fast-paced projects (Exhibit 2).

Exhibit 2: Proven Method of On-Time Delivery



Charter the Team: At the project start, our project managers gather the team to review roles, duties, scope, desired outcomes, and schedule. This creates a high-performance team that is primed for successful coordination and high quality deliverables. Chartering establishes a working environment in which staff are fully engaged and have clearly defined objectives and processes. Communication protocols are defined to eliminate superfluous communications with the City staff for information or direction.

Develop the Workplan: Our project managers develop well-crafted workplans to help staff understand how their part of the work impacts and connects with their teammates' parts. Our workplans include a definition of the project,

details of the work breakdown structure, and description of the team roles and responsibilities. By establishing and implementing clear workplans, project managers set the expectation that each team member will actively participate, coordinate efforts, and work together as a team. Critical path tasks stand out during scoping, budgeting, and interdisciplinary consultation. We pay great attention to long-lead items such as archaeological concurrence, wetland delineation concurrence, and environmental consultation, and to early-start items such as geotechnical explorations and right-of-way acquisition. We know that we can jump-start critical path tasks by changing the order in which they are traditionally done. For example, environmental approvals increasingly are based on stormwater management and erosion and sediment control plans, so we plan to advance those design elements early. Also, it is beneficial to incorporate a constructability review to define the project site. Schedule glitches can arise when detours, staging, borrow pits, construction accesses, and in-water work methods are not accounted for. Because environmental considerations have the greatest potential to upset workplans, our project managers consult with our environmental team during this time to identify environmental requirements. On projects where environmental issues are identified, we prepare an Environmental Plan to capture environmental compliance requirements and to estimate scope and budget for environmental support.

Gain Endorsement: Our project managers work to gain endorsement of the charter and work plan by the entire team, including the City, which leads to a higher level of commitment and validation. It begins to build trust and respect in the team and project manager, allowing the project manager to get staff to endorse what is best for the project, including expedited schedules.

Implement the Workplan: All projects involve change. Scope, time, personnel changes have the potential to present challenges to project delivery goals. K&S project managers control and manage change to eliminate confusion or miscommunication and to optimize coordination. We do this through proactive monitoring. Project managers and task leads conduct regularly scheduled team meetings and unscheduled check-ins with individual members / subconsultants, especially near milestone submittals; and prepare workload forecasts to ensure staff availability. These staff touchpoints result in issue logs, action item checklists, and inputs to schedule updates and workload forecasts that ensure coordination amongst the team happens, design elements are aggressively advanced, and potential mistakes are anticipated and fixed before they become problems.

Close out the Project: Our project managers actively plan the project close- out, which eliminates "completion of design with addendums" mentality. All design elements are completed on time.

Approach to Making Adjustments to Schedule or Staffing to Meet Schedule
While any consultant can say, they'll be available at a moment's notice, we have a process for delivering on that promise.

Adjusting Schedule
Prepare Baseline Schedule: Using Microsoft Project, we prepare a detailed, realistic schedule that clearly shows key milestones and dependencies among tasks. Building a realistic project schedule from the start is fundamental to satisfying the schedule completion date and getting a project to the procurement. This means making sure that the schedule reflects sufficient durations for, preliminary/advanced/final plans preparation, design exception approvals, letters of public interest findings (if needed), county and state reviews, regulatory approvals, land use actions, utility notifications, and other critical path items. A realistic schedule includes flexibility afforded by ample timeframes and contingencies for accelerating project elements to address unforeseen changes such as tiering regulatory decisions, advancing (phasing) design development, and adjusting specifications to fit programmatic approvals.

Regularly Update Schedule: By updating the schedule regularly, we "cast forward" early in the process to see when a schedule milestone is at risk of slipping early. Without this, it is easy to think everything is okay, only to discover later that there is no way to meet the next milestone.

Steer Projects Based on an Updated Schedule: Corrective actions can vary from one project to another. Ideally, there are tradeoffs and decisions in which clients participate. Must the original schedule be met, period? Is there flexibility that would allow more efficient use of resources? These are questions we will work through with the City project managers, when necessary.

Meet Schedule: When a schedule changes or the scope of work changes but the schedule does not, there are consequences. Our staff is accustomed to juggling multiple assignments at once and thrives on working in a busy environment. Our staff is conditioned to recognize that peak production times may require longer work days. But we also recognize that working longer hours is not always the answer to efficient project delivery. Our workload management and forecasting tools—combined with our large staff pool and culture of flexibility and responsiveness—allow us to successfully respond to changing conditions to meet schedule while maintaining quality.

Adjusting Staffing
Project managers and our portfolio manager provide staff availability through regularly scheduled workload checks to evaluate staff needs among multiple projects and offices. We are thus able to quickly shift resources to accommodate the evolving needs of multiple projects and schedules. When we are awarded a new project, it is immediately added to the workload tool to keep staffing needs at the forefront. With our flexible culture and plentiful staff resources—both at K&S and our teaming partners—we have staff available to begin work on new projects immediately. Once a project is underway, the depth of our resources also allows us to add staff on short notice.

C. Quality Control Procedures and Policies

K&S is committed to quality. We have proactive quality control policies and detailed procedures to check each milestones conformance to established requirements. Every employee is empowered and responsible for the quality of their own work or the work they supervise. K&S' policy is to apply an effective, efficient, and auditable quality management system to all project work. For every project, all staff-internal and external-implements the policies, philosophies, and practices described in the project-specific Quality Management Plan (QMP). The QMP is given to each staff and defines scope of work, responsibilities of staff, the quality control (QC) procedures for each type of document, file naming conventions, and CADD standards and control.

A summary of K&S' QC procedures is as follows:

Plan the Work. The QMP is distributed to the design team. The design team is trained in the content of these documents, and documents are updated as needed throughout design.

Prepare Design Documents. The design team prepares design documents using the established design criteria for the project and appropriate interdisciplinary coordination (through weekly meetings, written communications, and telephone conversations).

Check and Review Documents. Design documents are checked in accordance with the design QC procedures, which are spelled out in the project-specific QMP. Interdisciplinary coordination reviews are performed as well as constructability reviews, depending on project complexity. All comments are provided in writing and summarized using a review comment summary and resolution form.

Make Revisions. Comments are evaluated and incorporated into the documents, as appropriate. Responses to comments and final disposition of comments are recorded on the review form. Final comment resolution reflects agreement between the designer and the reviewer.

Audit and Certify. Our project QC leads audit and certify that the procedures outlined in the QMP are followed for all deliverables and supporting technical documents used to make project decisions. There are iterations of each of these activities depending on the type of design document being produced. The best way to produce quality work for the least cost is to do the work right the first time, for this reason, K&S employs a number of best practices to help our staff accomplish this goal.

A significant potential source for quality control issues is in the management of CADD files. K&S recently started using ProjectWise for the control of CADD files. It is, in effect, a file librarian, allowing users to "check in" or "check out" CADD files to a local computer. In order to modify CADD files, the files must be checked out from the file

server. Part of the check-out procedure includes the automatic copying of the drawing file to the local workstation. ProjectWise has built-in protection to prevent more than one person at a time from accessing any file in "write" mode. Once a file is checked out, it cannot be changed by another user until it has been checked back in. This can even be used externally with subconsultants, as we are currently doing for FDOT's Wave Street Car light rail project, where we worked with more than a dozen of other consultants sharing and working on producing over 1,000,668 sheets of drawings.

D. Approach to Managing Insufficient Construction Budgets

The first signs that a project may have insufficient construction budget are generally apparent during the project scoping, which would involve K&S and the City. The review of the project prospectus reveals the assumptions that went into the initial estimated construction budget. These assumptions - breakouts of roadway, structures, signals, and illumination dollars, and the number of right-of-way acquisitions and easements - can be helpful indicators of a budget shortfall. For example, if a project prospectus includes right-of-way acquisition for roadway widening to only one side, but the scope includes developing alternative widening schemes that involve widening to both sides, a budget shortfall may develop with the right-of-way acquisition.

Part of K&S' scoping exercise at project startup is to validate the size of the project and do a quick cost-per-lane-mile estimate using an estimating calculator developed by our local transportation group and based on the most update historic bidding information. This tool goes beyond the typical bid items and includes many of the activities that have the potential to create budget pitfalls. It is these areas that can be easily missed by consultants and aren't always apparent in typical roadway projects. This includes the potential for environmental issues such as contaminated soils, nesting season restrictions for endangered animals that can limit construction windows, in-water work restrictions, land use permitting delays, and archaeology impacts.

Along with the estimating tool, it is important to conduct a scoping site visit that includes the right people to help the City identify potential budget-jeopardizing issues. This includes involving K&S' seasoned environmental team and the City representatives to identify and begin crafting solutions to minimize or eliminate impacts not previously identified or explored.

The next opportunity to determine the accuracy of a construction budget is during geotechnical and contaminated soil investigations. If no previous geotechnical reports or Level I Environmental Site Assessments have been done, the costs associated with uncovering issues related to these activities can stress a project budget. It is important to perform these tasks as early as possible, ideally before any milestone Engineer's Estimate is prepared so that it can capture these costs. Before distributing an updated Engineer's Estimate that would exceed the available construction budget, our project manager will first sit down with the City project manager to go over the numbers and the basis behind them. During a one-on-one meeting, the K&S project manager and the City project manager will lay out the process for addressing the issue prior to releasing the estimate. We will not blindside or surprise the City project manager by having them discover it on their own. Once project managers are informed and a collaborative process is prepared, the larger team is made aware of the budget challenges and asked to participate in workable solutions to mitigate.

2. Cost Effectiveness

A. Ensuring Cost-effective Tasks and Deliverables

With the City facing limited construction funds, but many project needs, K&S understands that all tasks and deliverables need to be completed in the most cost-effective manner possible. We will use the process outlined below to ensure cost-effective project delivery under this contract.

Preparing Clear and Thorough Budgets – To start with, our budgets are established by experienced project managers and discipline leads who have extensive experience delivering multi-disciplined projects. Budgeted hours are clearly linked to scope tasks and a deliverable outcome. Drawing on our experience with other projects, we establish realistic budgets that are not over-inflated to hide internal contingencies or under-inflated due to

inexperience in an area. Our project managers routinely work with municipalities' project managers to review the scope and budget for completeness and clarity of the tasks to be performed. At the end of our scoping/budgeting process, all parties have a clear understanding of the full scope of work and buy off on the level of effort required.

Utilizing Our Deep Staffing Bench – K&S team has competent staff at a variety of levels in all disciplines and a culture of task delegation. Senior staff set direction for junior staff to perform. We can leverage our senior staff to more efficiently use their time on tasks and have our junior staff perform the more transactional activities such as the day-to-day, onsite monitoring of geotechnical drilling exploration.

Knowing Decision Making Process – When an issue arises that moves beyond a simple technical solution, K&S has the expertise to create a fair and transparent decision-making process to quickly and efficiently reach a decision that leaves stakeholders, community members, and agencies satisfied with the outcome.

Communicating and Adding Oversight on Key Tasks – To be efficient, it is imperative to keep all disciplines and subconsultants from going down a wrong path. K&S project managers provide clear direction to the team on a regular basis through scheduled project meetings, over-the-shoulder reviews of work progress, timely distribution of client meeting minutes, and other check-ins with team members to eliminate confusion and costly misdirection.

Budget Tracking – Other ways that K&S project managers provide cost-effective delivery is to conduct regular monitoring of project financials using robust project accounting tools (Deltek Vision). All project time and expense charging is recorded and uploaded by Monday of the following week. This provides project managers with up-to-date project information on a weekly basis regarding who is charging to projects and the ratio of percentage complete to budget spent. Project managers are also required to prepare monthly "estimates to completion" for projects so that project/budget issues can be identified early.

B. Methods, Tools, and Processes for Developing Estimates for Services

Over our years of project delivery, K&S has developed and honed tools to aid project managers in appropriately staffing and pricing projects. These tools are used to check that the right level staff is used on projects and that estimates for services are accurate and fair. We also conduct this review on budgets provided by subconsultants. In addition, when work requires certain types of services such as geotechnical drilling, hazardous materials exploration, and lab testing, K&S seeks multiple bids to provide cost competitiveness. We also look at traditional industry standard percentage benchmarks for tasks and overall budgets, such as percentage of design fees used for project management. All of these actions serve as a check on reasonableness of the level of effort required for a project.

Once we have completed adjusting the mix of staff, hours, expenses, and subconsultants to match the scope, we enter the information into a budget spreadsheet. This spreadsheet, along with the scope of work, is submitted for review by senior level staff, including our Contract manager. By approving the scope of work and estimate developed by the project manager, our senior management ensures the contract is fair to both the City and K&S.

3. Project Team and Qualifications

A. Project Manager Experience with Interdisciplinary Teams

The K&S Team is organized around a single-point of contact for contract management – **Joe L. Gómez, P.E.** As Senior Vice President of K&S, Mr. Gómez has the responsibility of providing resource management for all our Engineering projects throughout the state of Florida. His outlook, insights, and understanding of appropriate design, were largely shaped by his tenure at FDOT District 6 as a District Construction Engineer and District Director of Operations, which provided him the opportunity to understand each component of the engineering and construction process. During his tenure at FDOT, he developed a reputation for getting the job done.

The K&S Team is staffed by a diverse and experienced group of Project Managers and a full contingent of resources to support task orders. The group of Project Managers includes:

C. Bryan Wilson, P.E., has 31 years of experience in the design and management of **Engineering** projects in Florida and South Carolina. Mr. Wilson joined the consultant industry in 1994 after 9 years with the FDOT. His project experience encompasses all aspects of highway design from pavement rehabilitation to limited access interchanges and managed lanes facilities delivered in both bid-build and design-build formats. One of the notable projects that Bryan is currently managing is The Wave Street Car Design-Build pursuit. The Wave streetcar, powered by overhead electric lines, will operate on embedded tracks in mixed traffic, sharing the traffic lane with other vehicles. Once the system has been constructed and has completed testing, Broward County Transit will be responsible for the operations and maintenance of the Wave.

Robert K. Krisak, P.L.S., has more than 38 years of experience in all phases of **Land and Engineering Surveying** including topographic, boundary, hydrographic, as-built, construction layout and location surveys for highways, residential developments commercial projects and expert witness testimony. He has gained this experience through a variety of surveying-related positions, including instrument person, drafter, party chief, and field crew coordination. Mr. Krisak is familiar with a wide range of state-of-the-art surveying equipment, and is experienced in project management, field survey supervision, office survey procedures, and staff power scheduling.

Kirk Hoosac, RLA, offers a wide range of experience in all phases of **Landscape Architecture** including citywide landscape master planning, plan development, concept generation, cost estimating, site inventory, site and master planning, landscape and irrigation design, project specifications, construction observation, landscape inspection and quality control. He has participated in a variety of project types including planning and design for transportation, commercial, residential and municipal projects. Mr. Hoosac is confident and skilled in performing his responsibilities, from dynamic presentations to disciplined project management, he brings a positive and proactive approach to his projects.

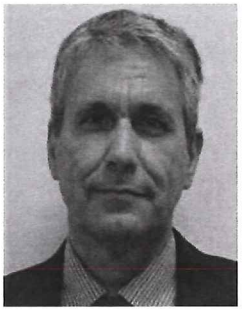
Jake Ozyman, P.E., ENV SP, a knowledgeable Project Manager who has 20 years of **Civil Engineering** and Construction experience. He has successfully managed numerous utility projects, understood key stakeholder/agency needs and requirements, meeting those needs without compromising on project goals or client budgetary and schedule requirements. Mr. Ozyman is bringing to completion of Sunny Isles Beach Utility Undergrounding and Conversion project, which is the biggest utility undergrounding project K&S has undertaken to this date. Project includes undergrounding of all overhead electric, and low voltage utilities within the 5 miles stretch of Collins Avenue (A1A), one of the busiest corridors in the Miami-Dade County. Project is set to be completed within few weeks, well ahead of schedule and under budget.

Roberto Rubio, P.E., a Project Manager with over 20 years of experience in the field of **Structural Engineering** and miscellaneous infrastructure engineering, including water resources and marine structures. He is thoroughly familiar with all facets of design, rehabilitation, and reconstruction projects. He has extensive experience in the design of simple and complex concrete and steel bridges, including composite post-tensioned concrete girder bridges and curved composite steel built-up girder bridges, as well as pile and drilled shaft foundations, seawalls, cofferdams, culverts, and roadway sign and signal structures.

John Krane, P.E. has 28 years of experience in planning, **Transportation Engineering**, preliminary engineering/PD&E, access management, traffic operations, safety, and senior management. His primary areas of expertise include site impact anályses, intersection and roadway operational and level of service analyses, development and application of transportation demand forecasting models, project traffic development, and project management. He currently serves as the Director of Transportation Planning activities statewide. In addition to acting as senior advisor on division work and project manager for complex projects, he is responsible for the oversight of workflow, staff development, and quality assurance of his division.

Marisa Magrino, ISA, LIAF, FNGLA is a Senior **Environmental Scientist** and Permit Coordinator with over 16 years of experience. She recently served as a Natural Resources Specialist, requiring her to effectively manage projects, issue licenses and permits, conduct biological assessments and wetland determinations, create and review technical reports, map wetland and seagrass in GIS, and ensure compliance with regulations on all levels. Due to her extensive educational and professional experience, Ms. Magrino is proficient in coastal and wetland species identification, mitigation assessment methodologies (e.g. UMAM, MWRAP, and WATER) and various computer programs. Ms. Magrino has also received her certifications as an ISA Certified Arborist and a PADI Certified Advanced Open Water Rescue Diver.

Penny L. Cutt, has 22 years of experience in the field of **Environmental Monitoring**, assessment, planning and regulatory permitting, at the local, state, and federal levels. She is able to quickly evaluate scientific and engineering information and communicate it to lay leaders for decision-making purposes. Ms. Cutt has a proven track record negotiating complex technical issues, particularly with regard to aquatic and coastal ecosystems, with a variety of interest groups. With her combined public and private sector experience, Ms. Cutt is able to effectively and equitably apply scientific, regulatory, and economic judgment when evaluating technical information and project challenges. She effectively manages workflow and product delivery, while accurately identifying key issues and project needs to achieve environmentally sustainable ecosystem solutions.



Georgio I. Tachiev, Ph.D., P.E., has 26 years of experience in **Water Resources**, Hydrology and Water Quality, Civil and Environmental Engineering. Experienced in management of Civil and Environmental Engineering Projects, including development of complex numerical models for H&H analysis, analysis of remediation strategies, environmental and water resources management, and risk analysis. Dr. Tachiev has expert level knowledge of state of the practice numerical software for water resources (MIKE SHE/11/21/FLOOD/ECOLAB, MODFLOW, XPSWWM, INFOSYS), spatial analysis using GIS technologies, and statistical processing software (SAS, MATLAB), computer programming and scripting (FORTRAN, C, C++, MATLAB, SAS, PYTHON, UNIX SHELL, PERL, SQL) for automated processing, analysis and visualization of large hydrological and water quality datasets. He is experienced in all phases of engineering design, project management, technical reviews, quality control, and reporting. His expertise includes projects relates to unique and challenging GIS problems, water resources engineering (surface, canal and subsurface flow in the Everglades National Park, development of TMDL modeling tools (mercury pollution within the Oak Ridge Reservation, TN) and development of variable density subsurface models.

Clay M. Bryant, P.E., a **Coastal Engineer** with over 30 years of experience specializing in the design, engineering, and construction of Coastal Engineering, navigation and beach restoration projects, as well as hydrographic and geotechnical surveys. Mr. Bryant has managed large-scale beach restoration projects and various inlet and deep draft channel projects across the country. His responsibilities include project management, topographic and hydrographic surveying of channels and beach profiles, permit procurement, channel design and layout, borings analysis and testing of borrow and fill materials, preparation of plans and specifications, construction inspection, tidal studies, and design of erosion control studies.

Section C. PROJECTS FOR SIMILAR SERVICES

K&S

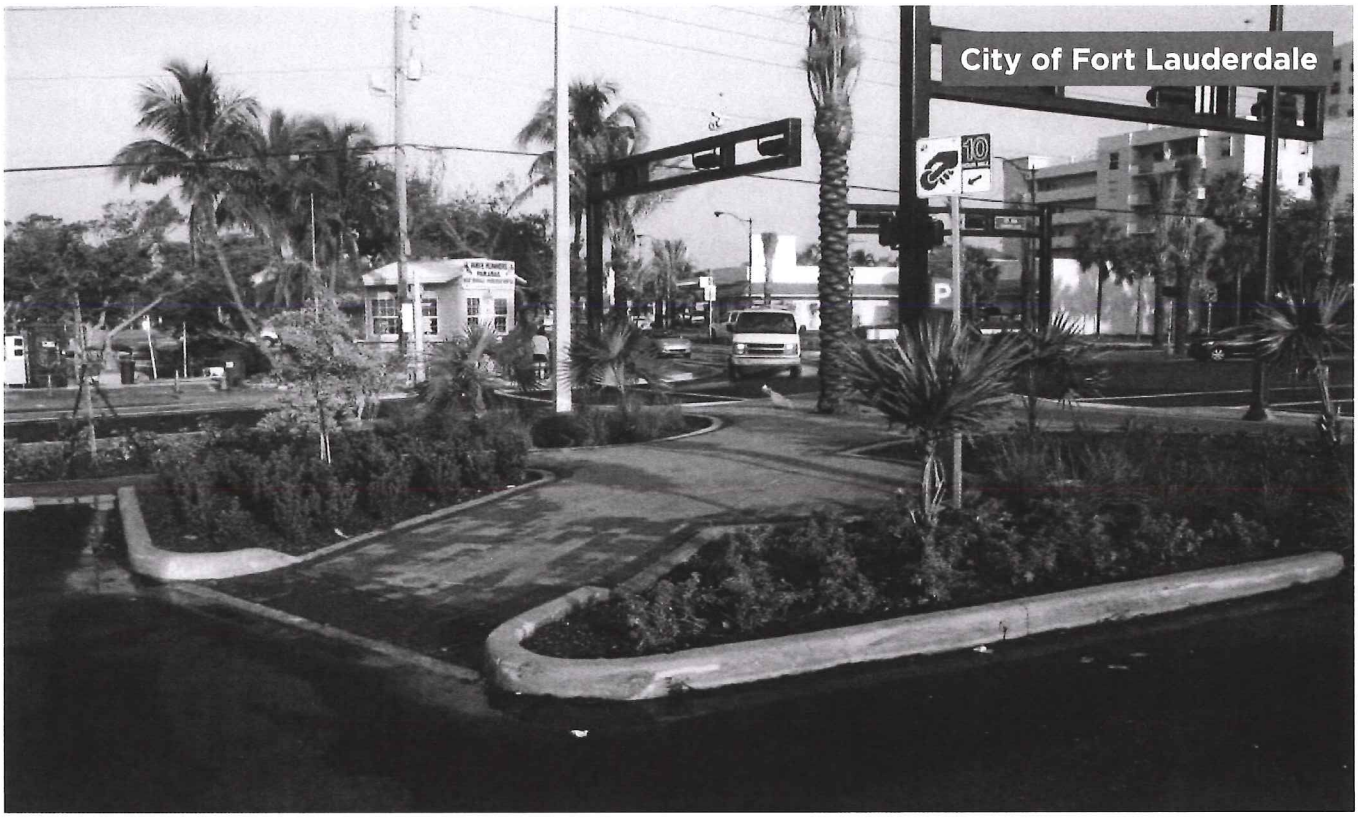
Organization/Owner Name:	City of Doral
Address:	8401 NW 53rd Terrace, 2nd Floor, Doral, FL 33166
Dates of Service:	2/2015 to Ongoing
Status of project:	Various, task order based
Scope:	Civil Engineering, Landscape Architecture, Surveying and Mapping, Transportation Engineering, Engineering
Organization/Owner Name:	City of Miami Beach
Address:	1700 Convention Center Drive, Miami Beach, FL 33139
Dates of Service:	6/2008 to Ongoing
Status of project:	Various, task order based
Scope:	Civil and Transportation Engineering, Engineering
Organization/Owner Name:	City of Fort Lauderdale
Address:	100 North Andrews Avenue, Fort Lauderdale, FL 33301
Dates of Service:	12/2008 to Ongoing
Status of project:	Various, task order based
Scope:	Civil and Utility Engineering
Organization/Owner Name:	City of Parkland
Address:	6600 University Drive, Parkland, FL 33067
Dates of Service:	2/2013 to Ongoing
Status of project:	Various, task order based
Scope:	Civil Engineering, Landscape Architecture, Surveying and Mapping, Transportation Engineering
Organization/Owner Name:	City of Boca Raton
Address:	Municipal Services Department 201 West Palmetto Park Road, Boca Raton, FL 33432-3795
Dates of Service:	6/2004 to 9/2012
Status of project:	Complete
Scope:	Civil Engineering, Landscape Architecture, Surveying and Mapping, Engineering, Structural Engineering
Organization /Owner Name:	City of Pompano Beach Community Development Agency
Address:	100 West Atlantic Boulevard, Room 276, Pompano Beach, FL 33060
Dates of Service:	7/2010 to 4/2013
Status of project:	Complete
Scope:	Landscape Architecture, Surveying and Mapping, Engineering
Organization/Owner Name:	City of Sunny Isles Beach
Address:	18070 Collins Avenue, Sunny Isles Beach, FL 33160
Dates of Service:	2/2013 to Ongoing
Status of project:	Various, task order based
Scope:	Civil and Utility Engineering, Surveying and Mapping
Organization/Owner Name:	University of Miami, Real Estate and Facilities
Address:	1535 Levante Avenue, Coral Gables, FL 33146
Dates of Service:	8/1996 to Ongoing
Status of project:	Various, task order based
Scope:	Civil and Transportation Engineering, Engineering

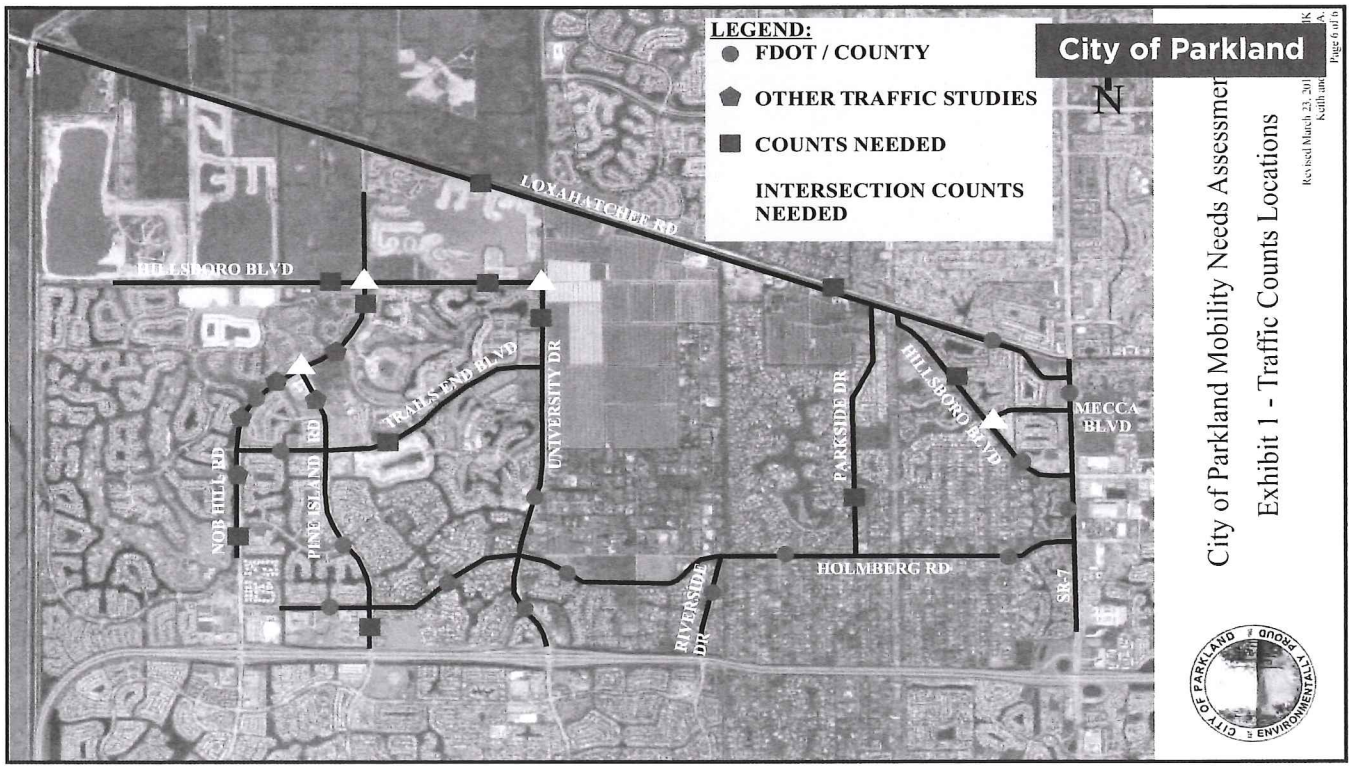
Organization/Owner Name:	Turtle Run Community Development District
Address:	5385 North Nob Hill Road, Sunrise FL 33351
Dates of Service:	1996 to Ongoing
Status of project:	Various, task order based
Scope:	Civil and Transportation Engineering, Surveying and Mapping, Landscape Architecture

GBA

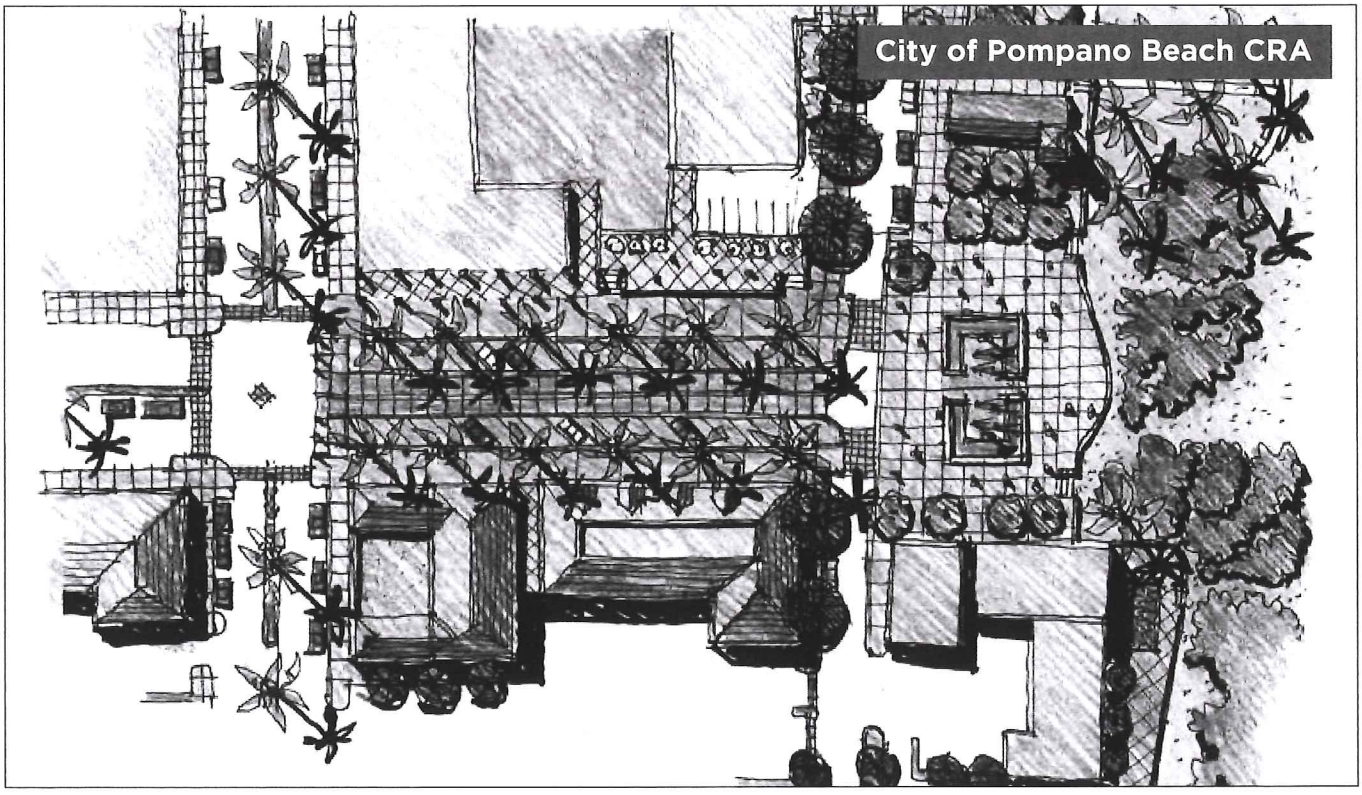
Organization Name:	Town of Jupiter
Address:	P.O. Box 7, Hobe Sound, FL 33475
Dates of Service:	1976 to Ongoing
Status of project:	Various, task order based
Scope:	Coastal Engineering, Engineering

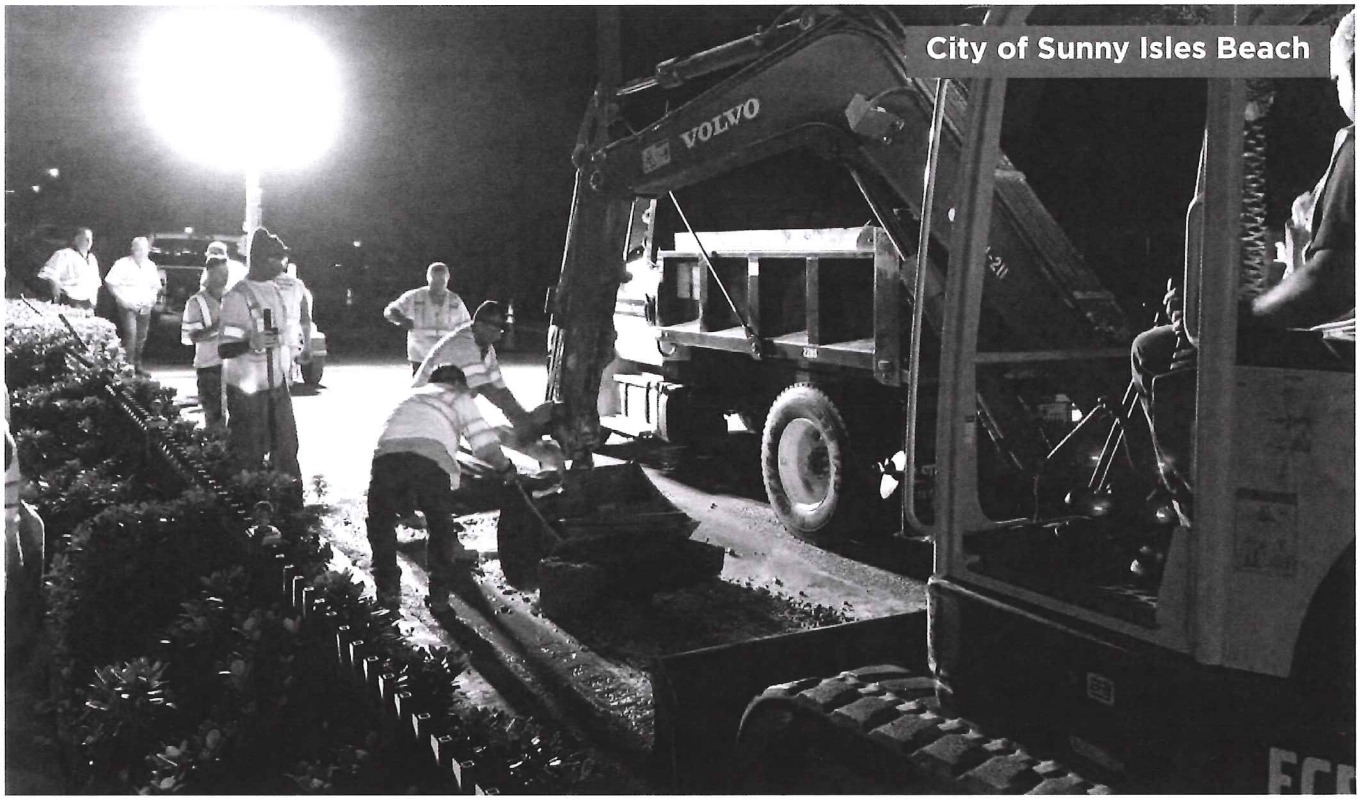
Representative Photographs and Exhibits Supporting the Above Projects

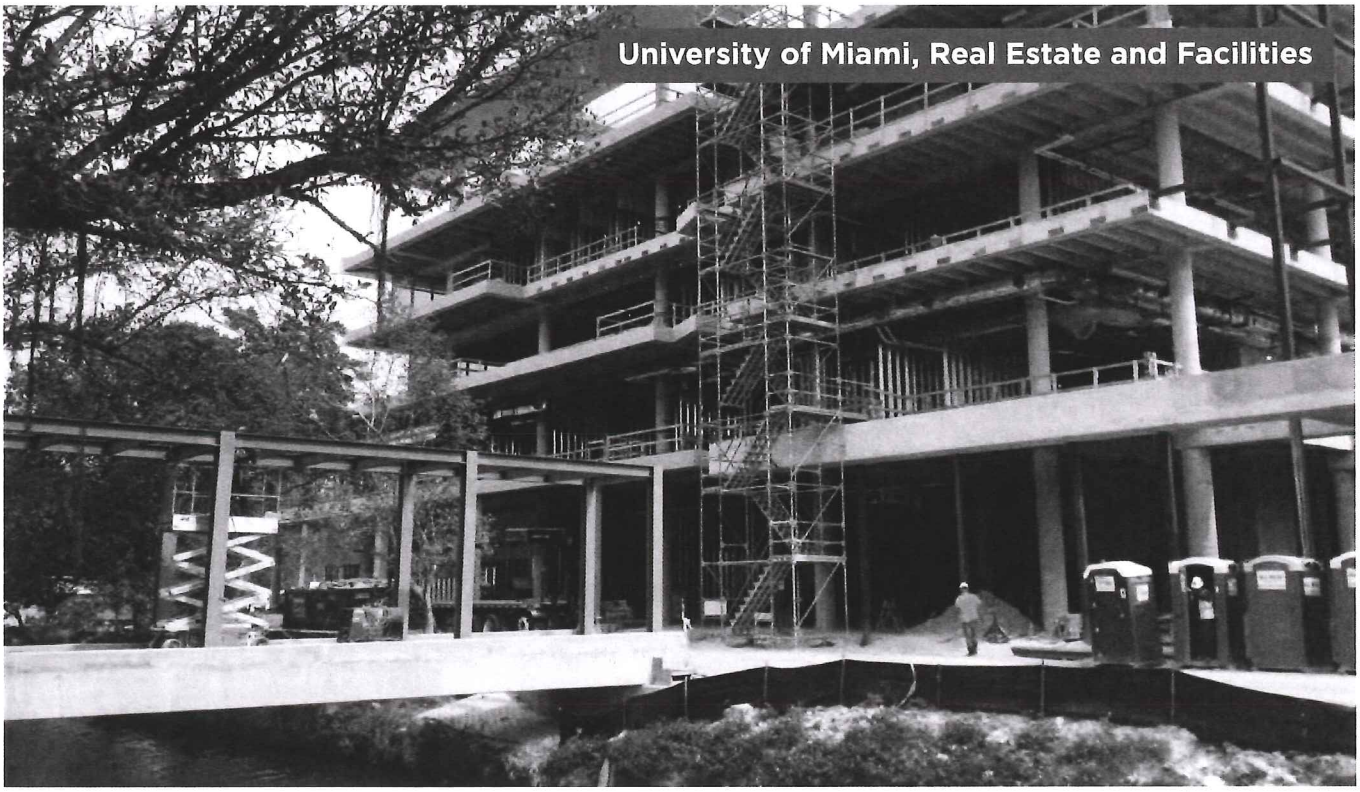

City of Fort Lauderdale


City of Parkland
LEGEND:
FDOT / COUNTY
OTHER TRAFFIC STUDIES
COUNTS NEEDED
INTERSECTION COUNTS NEEDED
N
LOXAHATCHEE RD
HILLSBORO BLVD
TRAILS END BLVD
UNIVERSITY DR
PARKSIDE DR
HILLSBORO BLVD
MECCA BLVD
NOB HILL RD
PINE ISLAND RD
HOLMBERG RD
SR-7
RIVERSIDE DR
City of Parkland Mobility Needs Assessmen
Exhibit 1 - Traffic Counts Locations
Revised March 23, 201
Keith and
Page 6 of 6
CITY OF PARKLAND PROUD TO BE ENVIRONMENTALLY


City of Boca Raton


City of Pompano Beach CRA


City of Sunny Isles Beach
VOLVO


University of Miami, Real Estate and Facilities

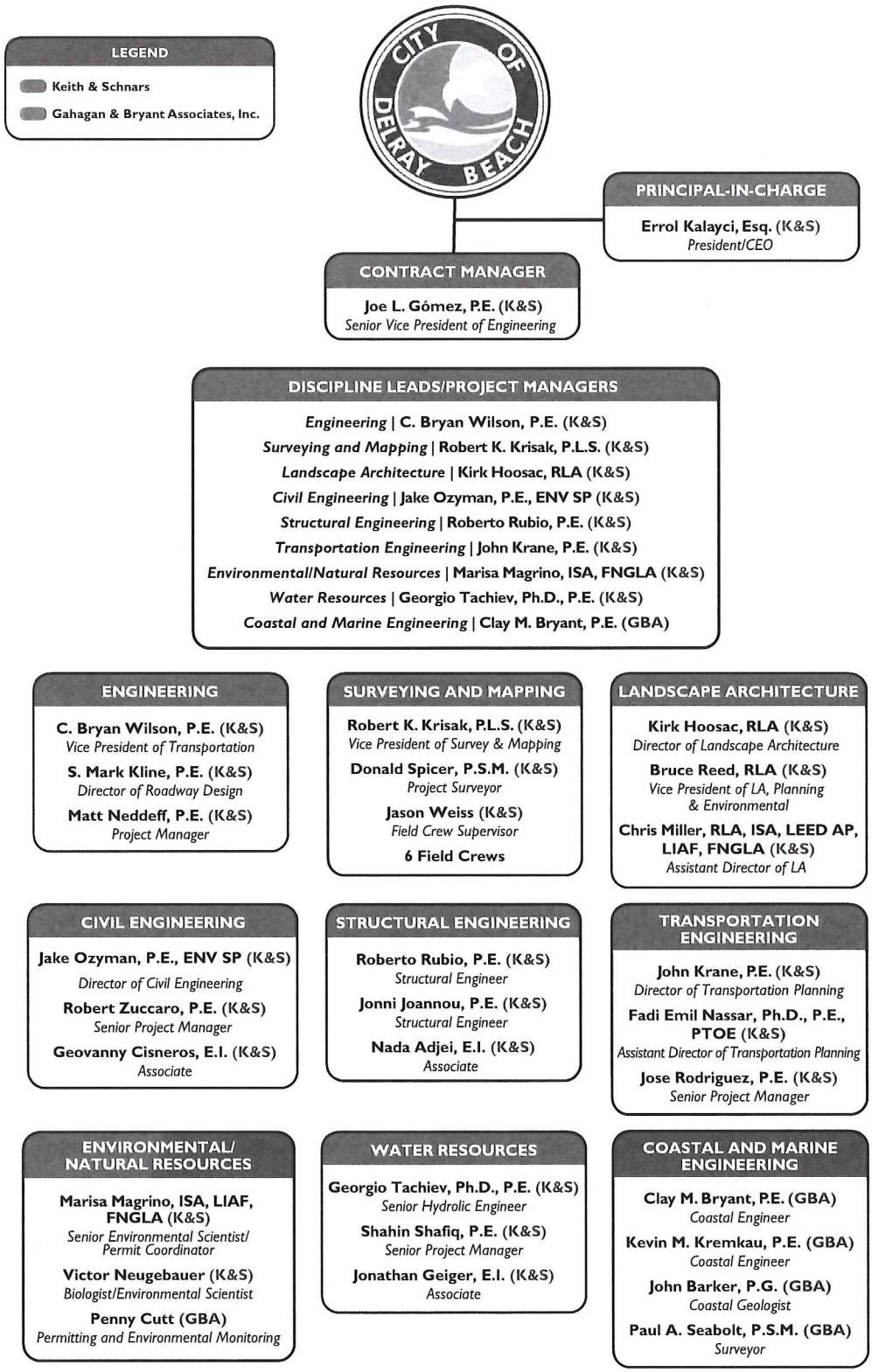

Turtle Run Community Development District


Town of Jupiter

Section D. ORGANIZATIONAL STRUCTURE
Staffing Resources

DEPARTMENT/DISCIPLINE	NUMBER OF EMPLOYEES
Administrative Office	13
CEI	27
Civil Engineering	5
Environmental Sciences	2
Executive Office	5
Highway Engineering	10
IT	2
Landscape Architecture	16
Marketing/Visual Communications	4
Planning/Public Outreach	4
Structural Engineering	1
Surveying and Mapping	22
Traffic Planning	3
PD&E	2
Gahagan & Bryant Associates, Inc.	5

Organizational Diagram



Responsibilities, Contractual Relationships and Roles

As we have mentioned in our Approach on (page 53) Project Managers will be selected for specific task order based on any of the following:

Project Needs: When a project is identified, we will begin by asking ourselves and the City what the critical issues for success are and what key characteristics are desired from a consultant team. A chartering session with City staff provides an opportunity for this type of collaborative input and also informs how a project team will operate. Chartering sessions are scaled based on the size of task and may simply be a line-item agenda topic at a project scoping meeting with the City staff, allowing for participation without a large time commitment. Based on this input, the K&S Contract Manager, Joe L. Gómez, P.E., may augment the team developed during the task order, including subconsultants, to support efficient delivery of the scope.

Expertise: In some cases, even when K&S can provide internal staff, a subconsultant with more expertise or an established relationship with a project stakeholder may be the right fit for the job. We will select the team members best capable of responding to and expediting task delivery-whether from our own firm or our subconsultants.

Availability: Readily available staff is key to successful project delivery. K&S managers look for team members who have the availability to maintain an active presence on a project, including additional work that could be added to a task order. In many cases, this means bringing in a subconsultant team member.

The subconsultant included on our team has a proven track record with K&S. For this contract, we will work with our subconsultant, GBA on scope development to help them provide the right technical focus and budget to complete tasks. While GBA have responsible charge of their piece of work, we serve as mentors to help them navigate processes and standards. In many cases, K&S has additional resources that can be called upon to support a subconsultant ensuring that the project continues to run smoothly. One of the advantages of K&S' full-service capabilities is having the flexibility to self-perform most of the work or to bring in subconsultant to bolster the team.

Workloads

K&S staff manages numerous ongoing projects on a regular basis. Since K&S is a multi-disciplinary firm, we have several projects that are managed by each Division's Director and Project Manager with overall support and guidance from our Vice Presidents and CEO. Project coordination and schedules are reviewed on a bi-weekly basis to ensure each project is on time and schedule. All our projects are on schedule and there have been no issues or challenges with managing these projects.

The overall current and projected workload of the K&S team is such that the key professionals assigned to perform and successfully complete this contract are available along with any other staff needed to address issues that might arise. We pride ourselves on being on schedule and within budget and are committed to the resources to accomplish this project.

The K&S team is structured to overlap in disciplines anticipated under this contract. Collectively, the K&S team brings together our area's industry leaders in specialty services. Our team offers the City a deep bench and wide breadth of technical experts, and production staff. With a team accustomed to working on projects anywhere at any time, if you need us to bring on additional expertise or staff resources at a moment's notice, they are ready and available to you.

If assumptions made during scope development do not materialize, at times it is necessary to adjust level-of-effort in order to maintain budget. This can be accomplished by working with the City's project managers to discuss modifications to current task approaches, and assigning tasks to staff with appropriate skills at various levels (ex: junior or mid-level staff with oversight provided by senior-level staff).

Below is a summary of our key project manager's current and projected availability. We try our best to estimate the project future workloads, however these numbers may change with new contracts that may get awarded.

We are committed, and ready to provide unmatched engineering services to the City of Delray Beach. We will be the City's partner to tackle any project, small or big, with upmost quality and timely fashion.

NAME	DISCIPLINE	CURRENT AV. (%)	1 YEAR PROJECTED AV. (%)
Errol Kalayci, Esq.	Principal-In-Charge	20	35
Joe L. Gómez, P.E.	Contract Manager	30	45
C. Bryan Wilson, P.E.	Engineering	35	50
Robert K. Krisak, P.L.S.	Surveying and Mapping	35	50
Kirk Hoosac, RLA	Landscape Architecture	40	55
Jake Ozyman, P.E., ENV SP	Civil Engineering	40	60
Roberto Rubio, P.E.	Structural Engineering	45	70
John Krane, P.E.	Transportation Engineering	45	70
Marisa Magrino, ISA, LIAF FNGLA	Environmental/Natural Resources	45	70
Georgio Tachiev, Ph.D., P.E.	Water Resources	40	65
Clay M. Bryant, P.E.	Coastal and Marine Engineering	35	60

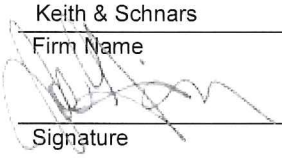
Form B - Public Entity Crimes

NOTIFICATION OF PUBLIC ENTITY CRIMES LAW

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

Acknowledged by:

Keith & Schnars
Firm Name



Signature

05/30/2017
Date

Joe L. Gómez, P.E., Senior Vice President of Engineering
Printed Name and Title

Form C - Drug-Free Workplace

In the event a tie exists at the conclusion of evaluations, preference will be given to the supplier(s) who certifies it has a drug-free workplace program in accordance with Section 287.087, Florida Statutes. The drug-free workplace preference is applied as follows:

TIE: Whenever two or more proposals are equal with respect to scoring for the evaluation criteria (e.g., price, experience, quality, service) are received for the procurement of commodities or contractual services, a proposal received from a supplier that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing a tie will be followed if none of the tied suppliers have submitted this Form C and/or have a drug-free workplace program.

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

1) This firm publishes 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) This firm informs 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) This firm gives 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), this firm notifies 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 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) This firm imposes a sanction on or requires 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) This firm will continue to make a good faith effort to maintain a drug-free workplace through implementation of this section.

Acknowledged by:

Keith & Schnars
Firm Name

Signature

05/30/2017
Date

Joe L. Gómez, P.E., Senior Vice President of Engineering
Printed Name and Title

Form D - Conflict of Interest Disclosure

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

Furthermore, all Proposers must disclose the name of any City employee or relative(s) of a City employee who owns, directly or indirectly, an interest in the Proposers firm or any of its branches.

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

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

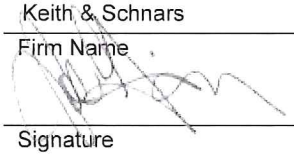
Please check one of the following statements and attach additional documentation if necessary:

☒ To the best of our knowledge, the undersigned firm has no potential conflict of interest as defined in Chapter 112, Florida Statutes and Section 2-443, Palm Beach County Code of Ordinances.

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

Acknowledged by:

Keith & Schnars
Firm Name



Signature

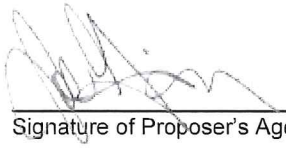
05/30/2017
Date

Joe L. Gómez, P.E., Senior Vice President of Engineering
Printed Name and Title

Form E - Acknowledgment of Addenda

The Proposer hereby acknowledges the receipt of the following addenda, which were issued by the City and incorporated into and made part of this RFQ. It is the sole responsibility of the Proposer to ensure that all addenda have been received and receipt of each has been acknowledged. Failure to submit acknowledgement of each addendum issued may result in the Proposer being deemed non-responsive.

ADDENDA NUMBER	ADDENDA DATE
1	04/24/2017
2	04/27/2017
3	05/04/2017
4	05/10/2017
5	05/10/2017
6	05/11/2017
7	05/19/2017



Signature of Proposer's Agent — Senior Vice President of Engineering (Title)

Joe L. Gómez, P.E. — 05/30/2017

Printed Name — Date

KEITAND-01 NCHANDUV

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 03/01/2017

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 have ADDITIONAL INSURED provisions or 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
Ames & Gough
8300 Greensboro Drive
Suite 980
McLean, VA 22102

CONTACT NAME
PHONE (A/C, No, Ext): (703) 827-2277 FAX (A/C, No): (703) 827-2279
E-MAIL ADDRESS: admin@amesgough.com

INSURER(S) AFFORDING COVERAGE — NAIC #
INSURER A: National Union Fire Insurance Company — 19445
INSURER B: St. Paul Fire and Marine Insurance Company — 24767
INSURER C: National Union Fire Insurance Company of Pittsburgh, PA — 19445
INSURER D: Continental Casualty Company (CNA) A, XV — 20443
INSURER E:
INSURER F:

INSURED
Keith and Schnars, P.A.
6500 North Andrews Avenue
Ft. Lauderdale, FL 33309-2132

COVERAGES CERTIFICATE NUMBER: 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 INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$ 1,000,000
	CLAIMS-MADE X OCCUR			5180214	03/01/2017	03/01/2018	DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 300,000
							MED EXP (Any one person)	$ 10,000
							PERSONAL & ADV INJURY	$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$ 2,000,000
	X POLICY X PRO-JECT X LOC						PRODUCTS - COMP/OP AGG	$ 2,000,000
	OTHER							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
	X ANY AUTO			2961640	03/01/2017	03/01/2018	BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
B	X UMBRELLA LIAB X OCCUR						EACH OCCURRENCE	$ 5,000,000
	EXCESS LIAB CLAIMS-MADE			EUP-15T76430-17-NF	03/01/2017	03/01/2018	AGGREGATE	$ 5,000,000
	DED X RETENTION $ 10,000							$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						X PER STATUTE / OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N N / N/A			012015939	03/01/2017	03/01/2018	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
D	Professional			AEH006091227	03/01/2017	03/01/2018	Per Claim	2,000,000
D	Liability			AEH006091227	03/01/2017	03/01/2018	Aggregate	4,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
RE: ALL PROJECTS WITH BROWARD COUNTY REGARDING ENGINEERING, LANDSCAPING & ENVIRONMENTAL CONSULTING WORK. CERTIFICATE HOLDER, AS CONTRACTOR IS AN ADDITIONAL INSURED AS RESPECTS GENERAL LIABILITY WHEN REQUIRED BY WRITTEN CONTRACT SUBJECT TO THE TERMS, CONDITIONS AND EXCLUSIONS OF THE POLICY. UMBRELLA FOLLOWS FORM TO THE UNDERLYING POLICIES AS RESPECTS TO ADDITIONAL INSUREDS SUBJECT TO THE TERMS, CONDITIONS AND EXCLUSTIONS TO THE POLICY.

CERTIFICATE HOLDER

BROWARD COUNTY
1 NORTH UNIVERSITY DRIVE
PLANTATION, FL 33324

CANCELLATION

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

KS KEITH & SCHNARS

ENGINEERS | PLANNERS | SURVEYORS

6500 North Andrews Avenue Fort Lauderdale, Florida 33309

Phone: (954) 776-1616 | Fax: (954) 771-7690 | Toll Free: (800) 488-1255 | www.ksfla.com

EXHIBIT "B"

Category: Civil, Transportation Engineering	**Hourly Raw Salary Rate**
Principal Engineer	$ 53.42
Project Manager	$ 33.06
Senior Engineer	$ 34.61
Engineer I	$ 20.00
Engineer II	$ 24.52
Senior Engineering Tech	$ 25.21
Senior CADD Designer	$ 21.75
CADD Designer	$ 20.00
Construction Manager	$ 30.00
Senior Inspector	$ 22.00
Office Support	$ 18.68

Category: Land Surveying and Mapping	**Hourly Raw Salary Rate**
Professional Land Surveyor	$ 36.00
CADD Drafting	$ 25.00
Survey Field Crew	$ 41.66
Office Support	$ 18.00

Category: Landscaping Architecture	**Hourly Raw Salary Rate**
Principal Landscaping Architecture	$ 51.44
Project Manager	$ 40.38
Landscape Architect	$ 36.67

CADD Designer	$ 24.56
Construction Manager	$ 30.45
Office Support	$ 21.22

PRICE ADJUSTMENTS BASED ON GOVERNMENTAL PRICE INDEX

Prior to the completion of the first year of the Contract term, and every 12-month anniversary thereafter, the City may consider an adjustment to prices based on the most recent 12 month change in the following pricing index: Bureau of Labor Statistics, Employment Cost Index, Private Industry Workers, Total Compensation, Management business and financial occupations, Not Seasonally Adjusted, CIU2010000110000A.

It is Consultant's responsibility to request any pricing adjustment under this provision. For any adjustment to be considered, the Consultant's request for adjustment should be submitted at least sixty (60) days prior to the anniversary date. The adjustment requested shall not be in excess of the relevant pricing index change. If a timely adjustment request is not received from the Consultant, the City may exercise its Option to Renew the Contract for another Term without any pricing adjustment.