



BEFORE THE CITY COMMISSION
CITY OF STUART, FLORIDA

RESOLUTION NUMBER 66-2016

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA APPROVES THE RENEWAL OF RFP NO. 2014-146 PROFESSIONAL CIVIL ENGINEERING SERVICES WITH THE FOLLOWING FIRMS: AECOM TECHNICAL SERVICES, INC., BOWMAN CONSULTING GROUP, LTD., CAPTEC ENGINEERING, INC., C. CALVERT MONTGOMERY & ASSOCIATES, INC., HOLTZ CONSULTING ENGINEERS, INC., CULPEPPER & TERPENING, INC., ENGINEERING DESIGN AND CONSTRUCTION, INC., AND KIMLEY-HORN AND ASSOCIATES, INC., FOR THE SECOND AND FINAL OF TWO RENEWAL PERIODS THROUGH JULY 27, 2017, PROVIDING AN EFFECTIVE DATE; AND FOR OTHER PURPOSES

* * * * *

NOW THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA that:

SECTION 1: The City Commission of the City of Stuart hereby approves the Renewal of Agreement REI # 2014-146: Professional Engineering Services for the 2nd and final renewal period of two (2) possible one-year renewal options, effective July 28, 2016 Through July 27, 2017.

SECTION 2: This resolution shall take effect upon adoption.

Resolution No. 66-2016

Approve Renewal of REI No. 2014-146: Professional Civil Engineering Services

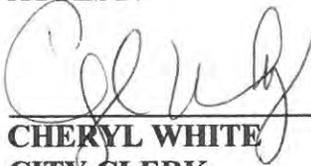
ADOPTED this 25th day of July 2016.

Commissioner CAMPENNI offered the foregoing resolution and moved its adoption. The motion was seconded by Commissioner GLASS LEIGHTON and upon being put to a roll call vote, the vote was as follows:

JEFFREY KRAUSKOPF, MAYOR
EULA R. CLARKE, VICE MAYOR
KELLI GLASS-LEIGHTON, COMMISSIONER
TROY MCDONALD, COMMISSIONER
TOM CAMPENNI, COMMISSIONER

YES	NO	ABSENT
X		
X		
X		
X		
X		

ATTEST:



CHERYL WHITE
CITY CLERK



JEFFREY KRAUSKOPF
MAYOR

APPROVED AS TO FORM
AND CORRECTNESS:



MICHAEL J. MORTELE
CITY ATTORNEY





City of Stuart

121 SW Flagler Avenue • Stuart • Florida 34994
Department of Financial Services
Procurement and Contracting Services Division

Alaina Knofla
Procurement Specialist
aknofla@ci.stuart.fl.us

Telephone (772) 288-5320
Fax: (772) 600-1202
www.cityofstuart.us

June 30, 2016

Via Email Transmission: Brian.Good@kimley-horn.com

Mr. Brian Good, P.E., Senior Vice President
Kimley-Horn and Associates, Inc.
445 24th Street, Suite 200
Vero Beach, Florida 32960

Subject: Renewal for REI #2014-146, Professional Civil Engineering Services

Dear Mr. Good,

This is official notification to your firm that the City of Stuart is satisfied with your firm's performance and wishes to extend your current contract for Professional Civil Engineering Services, for the period beginning July 28, 2016 and ending on July 27, 2017, which represents the second year of two (one year) renewal options. This extension is granted under the same terms, conditions, and pricing as the original contract. In addition, the City of Stuart requires a valid Certificate of Insurance on file at all times for Liability, Property Damage, and Automobile Liability, and Worker's Compensation as outlined in the agreement.

Please complete the bottom portion of this letter if your firm will agree to the requested renewal. Your response must be received **no later than 4:00 p.m., July 8, 2016**. You may fax your response to (772) 600-1202 or send by email to purchasing@ci.stuart.fl.us.

Thank you for your cooperation and attention to this matter. Please contact me at (772) 288-5320, should you have any questions.

Best Regards,

Alaina Knofla
Procurement Specialist

cc: REI #2014-146 File

I hereby agree to the contract renewal as specified of the subject Agreement

I am unable to agree to the contract renewal as specified of the subject Agreement

(Signature)

Date

Printed Name

Title

Brian Good

Senior Vice President

7/1/16



BEFORE THE CITY COMMISSION
CITY OF STUART, FLORIDA

RESOLUTION NUMBER 63-2015

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA APPROVES THE RENEWAL OF REI NO. 2014-146: PROFESSIONAL CIVIL ENGINEERING SERVICES WITH THE FOLLOWING FIRMS: AECOM TECHNICAL SERVICES, INC., BOWMAN CONSULTING GROUP, LTD., CAPTEC ENGINEERING, INC., C. CALVERT MONTGOMERY & ASSOCIATES, INC., AND HOLTZ CONSULTING ENGINEERS, INC., ALL OF STUART, FLORIDA; CULPEPPER & TERPENING, INC., AND ENGINEERING DESIGN AND CONSTRUCTION, INC., BOTH OF FORT PIERCE, FLORIDA; AND KIMLEY-HORN AND ASSOCIATES, INC., OF VERO BEACH, FLORIDA, FOR THE FIRST OF TWO RENEWAL PERIODS THROUGH JULY 27, 2016, PROVIDING AN EFFECTIVE DATE; AND FOR OTHER PURPOSES

* * * * *

NOW THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA that:

SECTION 1: The City Commission of the City of Stuart hereby approves the first of two renewal periods of REI No. 2014-146, Professional Civil Engineering Services to AECOM Technical Services, Bowman Consulting Group, LTD, Captec Engineering, Inc., C. Calvert Montgomery & Associates, Inc., Culpepper & Terpening, Inc., Engineering Design and Construction, Inc., Holtz Consulting Engineers, Inc., and Kimley-Horn And Associates, Inc.; for the period July 28, 2015 through July 27, 2016.

SECTION 2: This resolution shall take effect upon adoption.

Resolution No. 63-2015

Approve Renewal of REI #2014-146, Professional Civil Engineering Services

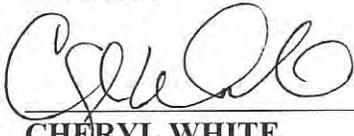
Commissioner CAMPENNI offered the foregoing resolution and moved its adoption. The motion was seconded by Commissioner MCDONALD and upon being put to a roll call vote, the vote was as follows:

ADOPTED this 13th day of July 2015.

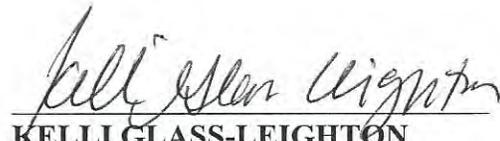
KELLI GLASS-LEIGHTON, MAYOR
JEFFREY KRAUSKOPF, VICE MAYOR
TOM CAMPENNI, COMMISSIONER
TROY MCDONALD, COMMISSIONER
EULA R. CLARKE, COMMISSIONER

YES	NO	ABSENT
X		
X		
X		
X		
X		

ATTEST:

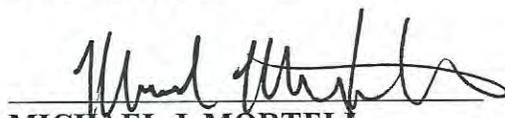


CHERYL WHITE
CITY CLERK



KELLI GLASS-LEIGHTON
MAYOR

APPROVED AS TO FORM
AND CORRECTNESS:



MICHAEL J. MORTELL
CITY ATTORNEY





City of Stuart

300 SW St. Lucie Avenue • Stuart • Florida 34994
Department of Financial Services
Procurement and Contracting Services Division

Lenora Darden, CPPB
Procurement Manager
ldarden@ci.stuart.fl.us

Telephone (772) 288-5308
Fax: (772) 600-0134
www.cityofstuart.us

June 1, 2015

Via Email Transmission: Brian.Good@kimley-horn.com

Brian Good, P.E., Senior Vice President
Kimley-Horn and Associates, Inc.
445 24th Street, Suite 200
Vero Beach, Florida 32960

Subject: Renewal for REI #2014-146, Professional Civil Engineering Services

Dear Mr. Good,

This is official notification to your firm that the City of Stuart is satisfied with your firm's performance and wishes to extend your current contract for Professional Civil Engineering Services, for the period beginning July 28, 2015 and ending on July 27, 2016, which represents the first year of two (one year) renewal options. This extension is granted under the same terms, conditions, and pricing as the original contract. In addition, the City of Stuart requires a valid Certificate of Insurance on file at all times for Liability, Property Damage, and Automobile Liability, and Worker's Compensation as outlined in the agreement.

Please complete the bottom portion of this letter if your firm will agree to the requested renewal. Your response must be received **no later than 4:00 p.m., June 12, 2015**. You may fax your response to (772) 600-0134 or send by email to purchasing@ci.stuart.fl.us.

Thank you for your cooperation and attention to this matter. Please contact me at (772) 288-5308, should you have any questions.

Best Regards,

Lenora Darden, CPPB
Procurement Manager

cc: 2014-146 File

I hereby agree to the contract renewal as specified of the subject Agreement

I am unable to agree to the contract renewal as specified of the subject Agreement

(Signature)

Date

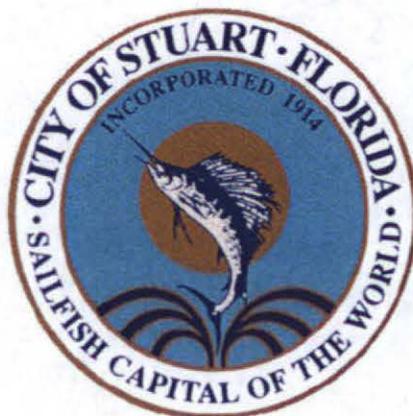
Printed Name

Title

Date

2

1



BEFORE THE CITY COMMISSION
CITY OF STUART, FLORIDA

RESOLUTION NUMBER 65-2014

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA AWARDED REI #2014-146 FOR PROFESSIONAL ENGINEERING SERVICES TO ENGINEERING DESIGN & CONSTRUCTION, FT. PIERCE, FL; **KIMLEY HORN, VERO BEACH, FL**; C. CALVERT MONTGOMERY & ASSOCIATES, STUART, FL; CULPEPPER & TERPENING, STUART, FL; AECOM, STUART, FL; CAPTEC ENGINEERING, STUART, FL; HOLTZ CONSULTING ENGINEERS, STUART, FL; AND BOWMAN CONSULTING, STUART, FL; AND AUTHORIZING AND DIRECTING THE MAYOR AND CITY CLERK TO EXECUTE THE CONTRACTS SUBSEQUENT TO REVIEW AND APPROVAL BY THE CITY ATTORNEY; PROVIDING AN EFFECTIVE DATE; AND FOR OTHER PURPOSES.

BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA that:

SECTION 1: The City Commission of the City of Stuart hereby awards RFP #2014-146, Term Agreement for Professional Engineering Services to the following firms:

Res. 65-2014
Engineering Services Continuing Contracts

1. Engineering Design & Construction, Ft. Pierce, FL;
2. **Kimley Horn, Vero Beach, FL;**
3. C. Calvert Montgomery & Associates, Stuart, FL;
4. Culpepper & Terpening, Stuart, FL;
5. AECOM, Stuart, FL;
6. CAPTEC Engineering, Stuart, FL;
7. Holtz Consulting Engineers, Stuart, FL; and
8. Bowman Consulting, Stuart, FL;

And, authorizing and directing the Mayor and City Clerk to execute the contract subsequent to review and approval by the City Attorney. Copies of the contracts are on file in the Office of the City Clerk.

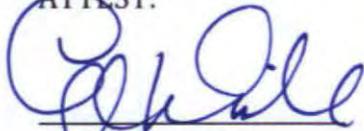
SECTION 2: This resolution shall take effect upon adoption.

Commissioner KRAUKSOPF offered the foregoing resolution and moved its adoption. The motion was seconded by Commissioner CHRISTIE and upon being put to a roll call vote, the vote was as follows:

	YES	NO	ABSENT	ABSTAIN
TROY A. Mc DONALD, MAYOR	X			
KELLI GLASS LEIGHTON, VICE-MAYOR	X			
EULA CLARKE, COMMISSIONER	X			
JEFFREY A. KRAUSKOPF, COMMISSIONER	X			
JAMES A. CHRISTIE, Jr, COMMISSIONER	X			

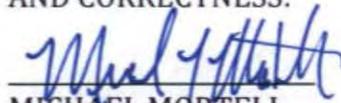
ADOPTED this 28rd day of JULY, 2014.

ATTEST:


CHERYL WHITE
CITY CLERK


TROY A. Mc DONALD
MAYOR

APPROVED AS TO FORM
AND CORRECTNESS:


MICHAEL MORTELL
CITY ATTORNEY





**AGREEMENT FOR CIVIL ENGINEERING SERVICES
BETWEEN
CITY OF STUART AND PROFESSIONAL**

PROJECT: Term Contract for Professional Engineering Services

CONSULTANT: Kimley-Horn and Associates, Inc.
445 24th Street, Suite 200
Vero Beach, Florida 32960

AGREEMENT FOR PROFESSIONAL SERVICES

THIS AGREEMENT, hereinafter "Agreement," made and entered into the 5th day of September, 2014 by and between Kimley-Horn and Associates, Inc., 445 24th Street, Suite 200, Vero Beach, Florida 32960, hereinafter referred to as "Professional" and the City of Stuart, Florida, a municipal corporation, 121 S.W. Flagler Avenue, Stuart, Florida 34994, hereinafter referred to as "City", for and in consideration of the following terms, conditions and covenants.

I. PURPOSE OF AGREEMENT

City intends to enter into a contract with Professional for provision of Civil Engineering services by the Professional and the payment for those services by City as set forth below.

II. SCOPE OF SERVICES

The Professional shall provide professional Civil Engineering services in all phases of any project for which a WORK AUTHORIZATION has been issued by the City pursuant to this Agreement as hereinafter provided. These services will include serving as City's professional consulting representative for the Project, providing professional consulting consultation and advice and furnishing customary Civil Engineering services and customary services incidental thereto as described in the Work Authorization. The detailed scope of services to be performed and schedule of fees for those services shall be detailed in each Work Authorization.

Section 1. Scope of Service

Professional shall work with the City Public Works Director, City Attorney, City Manager, or other City staff in advising the City and the City Commission regarding Civil Engineering services. The services will be those customarily attendant to Civil Engineering services including, but not limited to the following:

- A. Preparation of roadway location or alignment studies
- B. Preparation of roadway design
- C. Preparation of land acquisition documents

- D. Preparation of a hydrologic & hydraulic studies
- E. Preparation of storm drainage system design
- F. Preparation of new or retrofit storm water management design
- G. Preparation of floodplain studies
- H. Preparation and procurement of requisite environmental permits
- I. Performance of traffic counts
- J. Preparation of traffic studies and analysis
- K. Preparation of maintenance of traffic design
- L. Preparation of structural studies and design for bridges, culverts and retaining walls
- M. Preparation of construction documents
- N. Preparation of cost estimates
- O. Preparation of Construction Plans for Waterfront and Marine Facilities (docks, seawalls, river walks, upland support facilities)
- P. Presentation to the Commission, staff, and the public of reports, plans, and exhibits
- Q. Preparation of as-built plans
- R. Review of plans, specifications and estimates developed by others
- S. Other customary Professional Civil Engineering Services

III. AGREEMENT PROVISIONS

Section 1. Period of Service

1.1 Term of Agreement

Upon award of this Agreement, the effective date of this Agreement shall be the date of execution of this Agreement by both City and Professional. Term of this agreement shall be for an initial period of one (1) year with the option of two (2) additional one-year renewal periods, upon the mutual agreement of the parties. At the option of the City, and upon the agreement of the Professional, this Contract may be converted to or replaced at any time with a "Continuing Services Contract" as that term is used in Section 287.055, et seq, Florida Statutes (CCNA).

1.2 Work Authorization

Each "Work Authorization" shall specify the Period of Service agreed to by the City and the Professional for services to be rendered under said "Work Authorization".

Section 2. Compensation and Method of Payment

2.1 Fee Schedule

CITY will compensate Professional for services under each Work Authorization. The fee due to the Professional shall be set forth in each Work Authorization and shall be in accordance with Professional's personnel hourly rate schedule formalized in "Exhibit C" to this Agreement. Professional's personnel hourly rate schedule may be updated annually prior to each optional renewal period.

2.2 Invoices

Professional shall submit monthly invoices to the City no later than the last day of the month for work accomplished under this Contract. Each invoice shall be detailed and include, but not be limited to, hours worked by each person assigned to the Project, date worked and all ancillary expenses incurred and by whom.

2.3 Payment

Payment for services rendered is due within thirty days of receipt and approval of invoice by City. Payment is delinquent 30 days following receipt and approval of invoice by City.

Section 3. Reimbursable Expenses

Professional shall be reimbursed only for approved out pocket expenses directly chargeable to the Project, at actual cost incurred. Reimbursable expenses will include travel, lodging and meals when traveling at the City's request and on the City's behalf. These expenses shall conform to rates and allowances set forth in Florida State Statute, Sec 112.061, regarding per diem and traveling expenses. Identifiable communication expenses, reproduction costs, and special accounting expenses not applicable to general overhead shall be reimbursed at actual cost.

Section 4. Additional Services

4.1 Requests for Additional Services

The undertaking by the Professional to perform professional services defined within this Contract extends only to those services specifically described herein. If upon the request of the City, the Professional agrees to perform additional services hereunder, the City shall pay the Professional for the performance of such additional services an amount (in addition to all other amounts payable under this Agreement) based on an hourly fee in accordance with Professional's current personnel fee schedule, plus reimbursable expenses so incurred by the Professional; unless a lump sum addendum to this Contract is executed by the parties to this Contract which addresses the additional services.

4.2 Changes in Scope/Conditions

Additional Services shall include revisions to work previously performed that are required because of a change in the data or criteria furnished to the Professional, or a change in the scope of concept of the Project initiated by the City, or services that are required by changes in the requirements of public agencies, after work under this Contract has commenced.

Section 5. Use of Documents

5.1 Ownership of Original Documents

All deliverable analyses, reference data, survey data, plans and reports or any other form of written instrument or document that may result from the Professional's services or have been created

during the course of the Professional's performance under this Contract shall become the property of and shall be delivered to the City after final payment is made to the Professional.

Section 6. Termination

6.1 Termination for Convenience

Either party upon a seven (7) day written notice to the other party may terminate this Contract. In the event of any termination, Professional shall be paid for all services rendered to the date of termination including all reimbursable expenses.

Section 7. CITY's Obligations

7.1 Data to be furnished

The CITY shall provide Professional with all data, studies, surveys, plats and all other pertinent information concerning the Project in the possession of the CITY upon request.

7.2 Designated Representative

The Designated Representative of the City to act with authority on the City's behalf with respect to all aspects of the Project shall be identified in each Project Authorization.

Section 8. Persons Bound by Agreement

8.1 Parties to the Agreement

The persons bound by this Contract are the Professional and the City and their respective partners, successors, heirs, executors, administrators, assigns and other legal representative.

8.2 Assignment of Interest in Agreement

This Contract and any interest associated with this Contract may not be assigned, sublet or transferred by either party without the prior written consent of the other party. Nothing contained herein shall be construed to prevent Professional from employing such independent Professionals, associates and subcontractors as Professional may deem appropriate to assist in the performance of the services hereunder.

8.3 Rights and Benefits

Nothing herein shall be construed to give any rights or benefits arising from this Contract to anyone other than Professional and the City.

Section 9. Indemnification of City

Professional shall to the fullest extent allowed by law, defend, indemnify and hold harmless the CITY, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the Professional and other persons employed or utilized by the Professional in the performance of the contract. Specific consideration for this indemnity is \$10.00, the receipt and sufficiency of which are hereby acknowledged by Professional.

Professional shall obtain, maintain and pay for general liability insurance coverage to insure the provisions of this paragraph.

Section 10. Insurance.

10.1. Workers' Compensation

The Professional shall procure and maintain, during the life of this Contract, Worker's Compensation insurance as required by Florida Statutes, Chapter 440 for all of employees of the Professional engaged in work on the Project under this Contract.

10.2 Insurance Policy Limits

Professional shall procure and maintain insurance policies with at least the following coverage and amounts, during the life of this contract:

10.2.1 General Liability Insurance. In a combined single limit of \$1,000,000.00 per occurrence, \$2,000,000.00 aggregate.

10.2.2 Automobile Liability Insurance. In a combined single limit of \$250,000.00 each occurrence.

10.2.3 Professional Liability or Errors and Omissions Insurance. In a combined single limit of \$1,000,000.00 aggregate.

10.3 Insurance Cancellation

The Professional shall furnish to the City Certificates of Insurance allowing the same notification period as granted to the insured for any change, cancellation, or non-renewal. If the insurance policies expire during the terms of the Contract, a renewal certificate or binder shall be filed with the City fifteen (15) days prior to the renewal date.

10.4 City to be Named Additional Insured

The plans and specifications and other contract documents to be prepared by Professional pursuant to this Contract shall require the insurance of liability of the person, firm or corporation which would, as contractor, perform the work described in such plans and specifications. The amounts of insurance shall be

determined by the City. The City shall be named as "additional insured" with regard to the coverage of such policies of insurance.

10.5 Status of Claim.

The Professional shall be responsible for keeping the City currently advised as to the status of any claims made for damages against the Professional resulting from services performed under this Contract. The Professional shall send notice of claims related to work under this Contract to the City. Copies of the notices shall be sent by fax, hand delivery or regular mail to:

City Manager, City of Stuart
121 S.W. Flagler Avenue
Stuart, Florida 34994
FAX: (772) 288-5316

Section 11. Professional Standards

11.1 Other Agreements

THIS SECTION NOT USED.

11.2 Approvals Not Guaranteed

All work performed by Professional will be in accordance with the professional standard of care ordinarily exercised, under the circumstances, by reputable members of its profession in the same locality at the time the services are provided and in accordance with all applicable governmental regulations in effect as of the date of this agreement. However, Professional does not warrant or represent that any governmental approval will be obtained, only that the Professional will exercise its best efforts to obtain all such approvals contemplated under this Contract.

11.3 Governmental Regulations

Professional shall assure that work performed under each Project Authorization shall be in accordance with all applicable governmental regulations in effect as of the date of this agreement.

Section 12. Opinions of Cost

Since the Professional has no control over the cost of labor, materials, equipment or services furnished by others, or over methods of determining prices, or over competitive bidding, or market conditions, any and all opinions as to costs rendered hereunder shall be made on the basis of its experience and qualifications and represent its best judgment as an experienced and qualified Professional, familiar with the current market. The Professional cannot and does not guarantee that proposals, bids or actual costs will not vary from opinions of probable cost. If at any time the City wishes greater assurance as to the amount of any cost, the City shall employ an independent cost estimator to make such determination. Consulting services required to bring cost within any limitation established by the City will be paid for as additional services hereunder by the City.

Section 13. General Conditions

13.1 Venue in Martin County

Venue for any lawsuit to enforce the terms and obligations of this Contract shall lie exclusively in the County Court or the Circuit Court in and for Martin County, Florida.

13.2 Laws of Florida

The validity, interpretation, construction, and effect of this Contract shall be in accordance with and governed by the laws of the State of Florida.

13.3 Attorney's Fees and Costs

In the event the Professional defaults in the performance of any of the terms, covenants and conditions of this Contract, the Professional agrees to pay all damages and costs incurred by the CITY in the enforcement of this Contract, including reasonable attorney's fees, court costs and all expenses, even if not taxable as court costs, including, without limitation, all such fees, costs and expenses incident to appeals incurred in such action or proceeding.

13.4 Mediation as Condition Precedent to Litigation

Prior to the initiation of any litigation by the parties concerning this Contract, and as a condition precedent to initiating any litigation, the parties agree to first seek resolution of the dispute through non-binding mediation. Mediation shall be initiated by any party by serving a written request for same on the other party. The party shall, by mutual agreement, select a mediator within 15 days of the date of the request for mediation. If the parties cannot agree on the selection of a mediator then the CITY shall select the mediator who, if selected solely by the CITY, shall be a mediator certified by the Supreme Court of Florida. The mediator's fee shall be paid in equal shares by each party to the mediation.

13.5 Contract Amendment

No modification, amendment or alteration in the terms or conditions contained in this Contract shall be effective unless contained in a written documents executed with the same formality and of equal dignity herewith. No verbal agreement by the CITY or the CITY's representative identified herein shall be binding or enforceable against the CITY.

Section 14. Exhibits

The following Exhibits are attached to and made a part of this Contract:

“**Exhibit A**” - "Proposal as Submitted by Professional and Accepted by City"

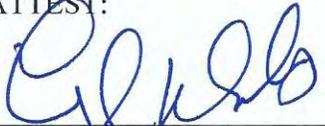
“**Exhibit B**” - “Original Request for Proposal as Issued by City, including all Addenda”

“Exhibit C” - "Professional's Personnel Hourly Rate Schedule"

“Exhibit D” - "Insurance and Indemnification"

IN WITNESS WHEREOF, the CITY and the Professional have made and executed this Contract the day and year first above written.

ATTEST:



Cheryl White
City Clerk

CITY



Troy A. McDonald
Mayor

APPROVED AS TO FORM
AND CORRECTNESS

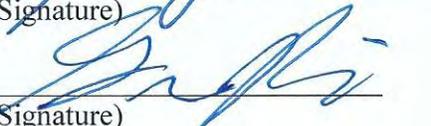


Michael J. Mortel
City Attorney



WITNESSES:



(Signature)


(Signature)

PROFESSIONAL



(Signature)
Brian Goad, Senior Vice President

(Printed Name & Title)

EXHIBIT A

**“PROPOSAL AS SUBMITTED BY PROFESSIONAL AND ACCEPTED BY THE CITY OF
STUART”**

Professional Civil Engineering Services

REI # 2014-146

Prepared For



Prepared By

Kimley»Horn



TR320057-14

June 17, 2014



Terry Iverson, Procurement Manager
Stuart City Hall
Purchasing Division
121 S.W. Flagler Avenue
Stuart, FL 34994

Re: REI #2014-146 Professional Civil Engineering Services

Dear Mr. Iverson and Members of the Selection Committee:

We at **Kimley-Horn** are very pleased to submit our qualifications to provide Continuing Professional Civil Engineering Services to the City of Stuart. We have assembled a team of talented individuals characterized by technical excellence, expertise in the broad range of services that may be required by the City, and extensive experience with similar projects. This project team has been working together and had the opportunity to serve Martin County for more than a decade. Our team has the local staff and knowledge necessary to provide immediate assistance to the City in the disciplines and areas of service that you have outlined in your Request for Expressions of Interest document.

Experienced Project Manager and Talented Local Team. I have more than 18 years of experience managing a broad range of both municipal and private engineering projects. As your project manager, I will be accessible and accountable to you and will ensure that the City receives the resources necessary to conduct an effective and well-coordinated plan of action for any assignment. I will be supported by a committed team of highly qualified professionals who have worked on many projects similar to those identified in the City's scope of services. I am confident in our staff's ability to exceed the City's objectives and recognize the necessity of close coordination of all project team members.

Understanding of Scope of Work. Our team understands that the City of Stuart requires a variety of civil engineering services which include, but are not limited to, roadway, land development, hydrologic and hydraulic engineering, drainage, stormwater management, floodplain studies, environmental services, traffic services, structural studies, preparation of construction documents, preparation of cost estimates, preparation of construction plans for waterfront and marine facilities, presentations to the commission, staff, and the public, preparation of as-built plans, review of plans, specifications, and estimates developed by others, and additional professional civil engineering services.

Extensive Knowledge of Critical Funding. Our team is experienced with the various regional, state, and federal funding requirements, ranging from the Florida Department of Environmental Protection's total maximum daily loading (TMDL) stormwater criteria to the Florida Department of Transportation Local Agency Program (LAP) funded projects. We are knowledgeable of current criteria requirements and stay aware of opportunities to provide you with the highest level of service that you deserve.

Advanced Technical Capabilities and Thoughtful Application. We are experienced in the use of sophisticated analysis and simulation software that meets your requirements. While simulation is an effective technical tool, it is even more effective when presenting technical issues and alternatives to nontechnical audiences, such as city commissions or the general public. Each presentation that we prepare and deliver is purposely designed for the intended audience—whether technical or general—and we are available to make such presentations for the City as well.

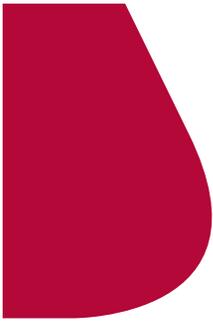
Highly-Qualified Partners. Kimley-Horn's emphasis on dynamic teamwork and quality performance serves as the foundation from which we select our subconsultants. To supplement our extensive in-house expertise, we have teamed with exceptional subconsultants GCY, Inc. and Dunkelberger Engineering and Testing, Inc., A Terracon company (Dunkelberger/Terracon), to enhance our project team.

Summary. We appreciate the opportunity to demonstrate our team's qualifications to the City of Stuart. I sincerely look forward to serving you and leading the talented group of experts that I have handpicked for your Professional Civil Engineering Services contract. As your project manager, you have my personal commitment to provide quality technical services in a prompt and professional manner within the City's budgetary requirements. Our staff experience, team expertise, in-house capabilities, and depth of resources position the Kimley-Horn team as the best candidate for the City's contract.

Very truly yours,
KIMLEY-HORN AND ASSOCIATES, INC.

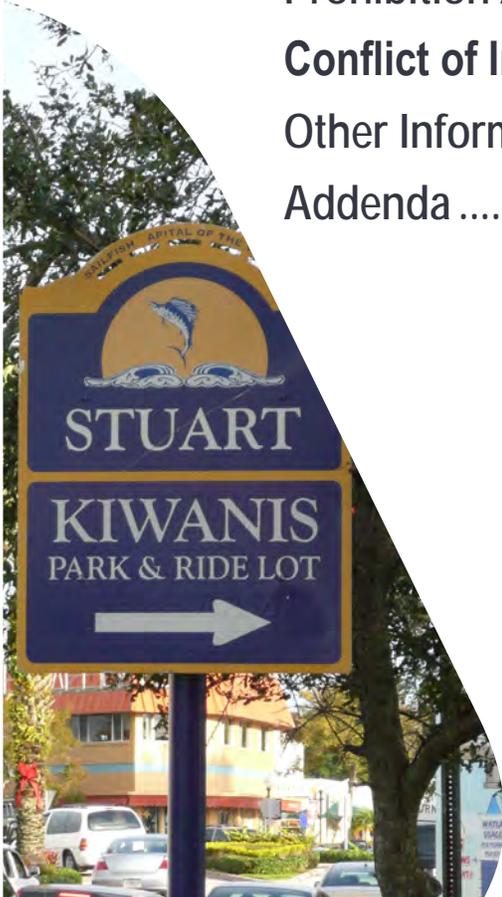
A handwritten signature in blue ink, appearing to read "B. Good", written over a white background.

Brian Good, P.E.
Senior Vice President



Professional
Civil Engineering
 Services
 REI # 2014-146

Section	Tab
Task Approach.....	1
Past Performance in Similar Activities in Florida.....	2
Familiarity.....	3
Qualification Data	4
Insurance.....	5
Prohibition Against Contingent Fees/Non-Collusion/ Conflict of Interest Disclosure Statements	6
Other Information.....	7
Addenda.....	8



I. Task Approach

Project Understanding and Approach

Because we are a multidisciplinary firm, we have the expertise and personnel to tackle any assignment within the disciplines and areas of service that the City of Stuart has outlined in the City's Professional Civil Engineering Services REI. Civil engineering forms the backbone of our experience and qualifications to serve as your continuing professional engineering services consultant. In Florida, more than 150 of our more than 400-person staff are professionally registered as civil engineers. We have the in-house capabilities to provide you with any civil engineering need you may have. Our depth of resources means that you will benefit from experienced professionals who practice civil engineering for municipalities every day. We, along with GCY, Inc. and Dunkelberger Engineering and Testing, Inc., a Terracon Company (Dunkelberger/Terracon), are prepared to immediately begin working on your specific project assignments included in your Capital Improvements Program. Below we detail our capabilities in the disciplines you have requested and further expand upon ways that this expertise can benefit the City of Stuart.

Kimley-Horn have formed successful and long-lasting relationships with our clients because we believe in exceptional client service combined with technical excellence. In addition to project work, each individual plays a role in maintaining the policies and practices which have helped us build an unusually experienced and stable professional staff, a strong project management system, and a close rapport with our clients. Today, we are a fully integrated consulting firm offering a variety of in-house services, including exactly those that you require:

- Civil Engineering
- Roadway design
- Traffic signal design
- Intelligent Transportation System (ITS) design
- Maintenance of traffic plans
- Stormwater/drainage design
- Hydrologic and hydraulic studies
- Floodplain studies
- Permitting
- Structural Design
- Public involvement
- Agency coordination and liaison
- Pedestrian and bicycle facilities design
- Environmental services
- Water and reclaimed water systems
- Waterfront and marine facilities
- Construction engineering inspection services
- Environmental, permitting, assessment, and remediation
- Utility development
- Construction administration, coordination, and observation
- Quality control/quality assurance
- Site civil engineering
- Transit operations
- Grant funding, loan, and other intergovernmental funding assistance

Civil Engineering

Civil engineering forms the backbone of our experience and qualifications to serve as your project engineer. With a single point of contact, we have the capability to serve the City in a variety of disciplines. A water distribution infrastructure project could easily involve other disciplines such as transportation planning or roadway design. At Kimley-Horn, we have experienced professionals in utility engineering, transportation planning, roadway design, site planning, coastal design, master planning, traffic operations, surface water management, and hydraulic/hydrologic modeling, among others. We have the in-house capabilities to provide you with any civil engineering need that may emerge. Our multidisciplinary depth of resources means that you will receive unmatched service.



Hydrology/Stormwater Management

Kimley-Horn's stormwater management expertise includes hydrological and hydraulic analyses, surveying, planning, permitting, and the design of all water control structures ranging from pipes and culverts to major control and pump structures. We can address both stormwater quantity and quality issues. Our staff is familiar with all of the accepted state-of-the-art computer programs used in stormwater management engineering and also have key relationships with the relevant permitting agencies. We have worked closely with the U.S. Army Corps of Engineers Regulatory Branch in the permitting and design of stormwater facilities and with the Federal Emergency Flood Management Agency (FEMA) when coordinating floodplain revisions to FEMA's Flood Insurance Rate Maps.

We have served the Northwest, Southwest, and South Florida Water Management Districts. We also have served as the engineering consultant for 14 drainage subdistricts (including 11 in the Everglades Agricultural Area) spanning Palm Beach, Hendry, and Glades counties. Our services have encompassed drainage consultation and permit application preparation, including applications to regional water management districts and the Florida Department of Environmental Regulation. Representative projects include the design of canals, culvert crossings, water control structures, roads, levees, bridges, stormwater management facilities, stormwater treatment facilities, and pump structures. These project areas range in size from 400 to over 130,000 acres.

Site Civil Engineering

Our staff has experience investigating and solving complex design issues. Conducting field investigations, collecting and analyzing background data, and establishing meaningful goals and objectives are all prerequisite steps in the engineering process. We are aware of environmental and financial constraints normally associated with the development process and are committed to developing plans that work for the City. Maximizing the use of existing facilities is also an important consideration when developing cost-effective plans.

Agency Coordination and Liaison

The firm's engineers and planners maintain regular contact with virtually all key regulatory agencies and their decision makers. This rich network of interpersonal relationships enables the firm to provide expeditious services relative to agency reviews and approvals. Our staff not only understands agency procedures but also their expectations, enabling us to minimize delays and rework of our clients' submittals.

Roadway Design

Roadway design and planning is one of the mainstays of our firm's professional practice. Collectively, our engineers have been responsible for the design of more than 2,000 miles of roadway, much of it here in Florida. We have provided these services for urban, rural, primary, secondary, and interstate roadways for clients ranging from small municipalities to state departments of transportation. We are well equipped to address all related aspects of roadway design projects such as intersection geometrics, utility relocations, traffic control, signalization, structural/bridge design, and other features. Paving and drainage services are often an integral part of our roadway design projects, and our substantial experience in dealing with regulatory and other agencies enables us to secure the necessary permits and approvals for building and upgrading roadway facilities. In addition, Kimley-Horn has provided construction administration services on hundreds of miles of urban and rural roadways for projects ranging from limited-access arterials, to collector facilities for counties, cities, and state departments of transportation. Construction phase services include cost estimating, pre-bid services, and construction administration and observation.



Traffic Operations and Transportation Planning

Our firm offers complete traffic operations and transportation planning services in-house. Kimley-Horn has completed thousands of traffic engineering projects, ranging from major areawide systems involving hundreds of intersections to single intersection designs. Our traffic engineering staff includes experts in the areas of signal system design; intersection design;

Professional Civil Engineering Services



REI # 2014-146



signing and marking studies and plans; speed studies, safety and operations studies and plans; accident analysis and testimony; pedestrian safety programs; access, parking, and circulation studies; and general traffic engineering consultation. Clients for which we have provided traffic engineering services on an ongoing basis include the cities of West Palm Beach, Altamonte Springs, Miami Springs, Orlando, Greenacres, Coral Springs, Tampa, Tamarac, Cooper City, Titusville, and Melbourne, the towns of Jupiter and Palm Beach, Districts One, Two, Three, Four, Five, and Six of the Department of Transportation, and Indian River, St. Lucie, and Martin counties.

Utility Engineering

Kimley-Horn's water resources engineers are internationally recognized experts in reverse osmosis, membrane softening, ion exchange, and distillation. Our capabilities encompass utility studies, planning, design, permitting, and construction observation services. Staff professions have award-winning experience in the design of lime softening and reverse osmosis water treatment systems, including the design of wells, master pumping stations; water storage facilities; and water treatment, distribution, and transmission facilities.



We also have extensive experience in planning, environmental assessment preparation, funding application preparation, rate studies, design, and construction of wastewater collection and treatment projects. Our services in this area include wastewater treatment plant design and expansion, collection and transmission system design, inflow/infiltration studies, pump station design, and force main design.

Structural Engineering

Our firm offers you expertise in design, construction inspection, and evaluation of bridges, roadway structures, buildings, parking facilities, and water control structures. In addition, we provide hurricane preparedness and damage assessment services. Our structural experience includes the design of more than 700 bridges and inspection of nearly 3,000 bridges for programs in several states. We have also designed and modified water control structures for numerous agencies throughout the state, including the South Florida Water Management District, the Lake Worth Drainage District, the South Florida Conservancy District, and the Everglades Agricultural Area.



Landscape Architectural Services

Our landscape architects and urban planners have varied public-sector experience ranging from corridor plans and downtown streetscape programs to parks and recreation planning. Our planners and landscape architects emphasize the development of a pleasing visual environment, meaningful theme, distinctive image, and strong sense of place. Our full-service consulting includes feasibility studies, master planning, design, permitting, public participation and consensus building, and construction administration. Our Kimley-Horn team, are experts in conducting public involvement programs, including community workshops, to promote consensus.

Environmental Permitting, Assessment, and Remediation

Kimley-Horn maintains an experienced team of senior environmental scientists, geologists, hydrogeologists, planners, and field technicians with expertise in a wide range of environmental planning and problem solving services such as permitting, corridor location studies, environmental assessment reports, and environmental analyses.

Services we have provided include underground storage tank assessment, asbestos management, spill cleanup, and hazardous waste disposal. In addition, our firm is a leader in biological environmental issues, such as wetland delineation and critical habitat identification. Our professional environmental services include:



- Land use and development feasibility studies
- Environmental impact statements
- Contamination assessment/remediation for soils, ground water, and surface water
- Comprehensive environmental compliance evaluations
- Environmental audits (all phases)
- Environmental permitting (RCRA, clean air, NPDES, 404, incidental taking, coastal construction, U.S. Army Corps of Engineers, Water Management District, U.S. Coast Guard)
- Waste minimization/process optimization
- Wildlife/habitat studies and mitigation planning
- Aerial photo interpretation, mapping, and habitat evaluation using GIS systems and remote sensing imagery
- Wetland jurisdictional evaluations, mitigation plans, and monitoring

Ability to Work with the City of Stuart

On-call contracts require a different approach from typical project-specific contracts. Each task assigned under an on-call contract will need an individualized approach that includes the various disciplines necessary to complete the assignment. At Kimley-Horn, the overall approach for a task begins with an initial scoping meeting, development of the fee proposal, and a clear understanding of what the task expectations and deliverables. Upon notice to proceed, the appropriate staff is assigned to accomplish the task within the agreed upon timeframe.

One of the advantages that Kimley-Horn offers is our ability to assign the right staff to each task. Because we have up to 55 people in our local offices, we can draw from a multitude of disciplines and resources to complete each assignment — whether the task is relatively minor, requiring only a few people in a single discipline; or a complicated task requiring numerous people and multiple disciplines.

A second advantage of Kimley-Horn is our focus on project management, from the inception phase through the construction phase of each project. Our project managers receive bimonthly effort reports on manpower and expenses — helping them establish a clear picture of project cost, cost control effectiveness, and schedule — all tools they need to keep projects moving ahead.

We also ensure each task order has sufficient, available staff. Our project managers use the cast-ahead system, which enables us to forecast our workload six months ahead and compare the projected workload to our resources. With this system, we can efficiently allocate our resources to each project and meet deadlines. In addition, we recognize that each project has its own expectations that need to be understood, and then exceeded. Kimley-Horn's quality assurance/quality control (QA/QC) measures are built in to our project management processes. The measures include:

- Internal project quality controls
- Project peer reviews
- Continuous quality improvement (CQI) initiatives
- Internal QC Measures

Our internal QA/QC program includes a kickoff meeting with key team members to clearly define the scope, outline subtask responsibilities, establish schedules, and identify project milestones and goals. Our production manager will maintain a strict review of all plans, calculations, reports, etc. These QC reviews are not limited to senior staff. Engineering analysts and technicians are continually challenged to produce quality results and deliverables before they get to the project manager. At the project manager level, the quality review is continuous so that deliverables meet your needs. A QA/QC review will be conducted internally (within the project team) or through a peer review process to ensure the project deliverable is not only technically correct, but also consistent with your objectives at the end of each phase.

Peer Reviews

Project processes, work plans, documents, and deliverables often are reviewed by senior staff not necessarily involved with the project on a day-to-day basis. Kimley-Horn's formal QA/QC program is based upon assigning experienced, senior professionals who are otherwise qualified to manage a similar project to serve in this independent quality control role. Any changes or modifications required to respond to the comments and recommendations of the peer review team will be incorporated prior to submitting deliverables.

CQI Initiatives

Our people have been firmly committed to top quality since the firm began 47 years ago. Quality standards are a major subject of each employee's orientation, annual review, and ongoing training program. We implemented a program years ago called Continuous Quality Improvement (CQI). Each person in the company identifies a formal CQI task each year; each person's task is to involve clients and identify improvements that will increase client benefit. We have solicited feedback from many types of clients in this fashion, including federal/regional/state/local government agencies, private developers, other consultants, suppliers, vendors, etc.

The feedback we receive helps us improve the firm's overall service, bring our clients greater value and satisfaction, and achieve a higher level of success. Most importantly, we learn about our clients and their preferences, industry standards, and about which methods are successful and which are not. Our project managers establish a quality control plan as each project commences, keeping the focus where it should be throughout the project — on producing the quality results for the client.

Moreover, our high standards for quality extend beyond project management and design. At Kimley-Horn, we recognize that the success of each project can only be evaluated upon completion of construction. Construction phase services — from advising the City and contractors about particular issues to preparing alternative designs based on unanticipated field conditions — all have a tremendous impact on the success of a project. Kimley-Horn is repeatedly selected and re-awarded on-call contracts because of our commitment to exceptional client service throughout the design and construction processes.

The responsibilities of your engineering consultant also should include the preparation of bid documents, accurate cost estimates, bid support, construction inspections and monitoring, and availability as a resource during construction. Kimley-Horn accepts this responsibility and will work closely with City staff throughout the entire project to provide the City with as much or as little support as needed for each individual project.

City staff also will receive regular progress reports that communicate the status of each assignment and prevent any surprises relating to project schedules. Meeting regularly with City staff to discuss each assignment helps avoid miscommunication and gives a clear picture of your goals and objectives for each assignment.

Lastly, because we have experience serving you as an on-call consultant for civil engineering services, you can rest assured that our approach will offer innovative ideas and a fresh perspective within the framework of a thorough understanding of the City's needs.

Ability to Meet Schedule and Budget Requirements

Kimley-Horn recognizes that meeting our clients' deadlines and staying within budget are critical to the success of a project—our depth of staff and ability to activate resources from other Florida offices will ensure that we complete the City's projects on time and within budget.

Our first step in schedule and budget control is to understand your vision for a project and then develop a realistic schedule to make that vision a reality. This step requires immediate and clear communication and is a critical step in partnering for a successful project. We will define the project requirements, understand potential obstacles to success, identify potential opportunities to achieve more within the same project, and create a project work plan that allows us to accomplish your goals efficiently.

Prior to beginning work on any project, we will prepare a detailed project schedule and monitor it against actual project milestone completion dates. Project schedules are evaluated at different frequencies depending on the magnitude of the project. We use several different software packages, including Microsoft Project and the Primavera scheduling programs to schedule our work. Schedule updates can also be sent in simple PDF formats to the project team throughout the life of a project. We can tailor our updates to the frequency you require. Paramount to the success of any project is a continued partnering throughout the project to adapt as necessary to unforeseen circumstances. We will include critical decision-making points in our work plans so the project team and the City can agree upon the best course of action to keep projects on track. We know there will always be unexpected challenges unique to any given project, so it is critical to develop and follow an approach that controls what can be controlled while building in mechanisms for dealing with the unexpected.

When required, our team can accelerate work to meet a change in project schedule. This process is used frequently when workloads require extra personnel. It allows our team to be flexible and be able to react to all types of scheduling changes.

In a continuing services contract, the schedule for each work order assignment is often predicated on the City's specific needs related to other controlling factors. For example, a comprehensive plan amendment may need to be completed to comply with the City's schedule for its twice-a-year amendment limitation or to meet a schedule identified by the DCA. Kimley-Horn has responded to the needs of cities and counties on a variety of efforts and circumstances through our previous continuing services contracts. Our team has the depth and breadth of personnel to help the City of Stuart address both routine and specialized assignments within any time constraints. If the circumstances require a quick response, Kimley-Horn can apply additional resources in order to complete any assignment on an accelerated schedule.

Kimley-Horn is confident in its ability to monitor project schedules in order to meet the City's expectations and we have an exemplary record of performance. We are prepared to commit the necessary resources to ensure that your projects stay on schedule and within budget.

We are committed to providing the City of Stuart with the highest quality staff and service to meet your projects' schedule and budget requirements. The Kimley-Horn team has an excellent track record of completing projects on time and within established budgets.

Quality Assurance/Quality Control (QA/QC) Procedures

Our team understands your expectations—our measure of quality is the degree to which we exceed those expectations.

A key component of quality control is quality people. We offer you a team of experienced and technically proficient professionals who know how to implement the types of projects anticipated under the City of Stuart's Professional Civil Engineering Services contract. The Kimley-Horn team provides the ideal combination of relevant experience, expert engineering, and proven cost control management techniques.

We achieve quality through rigorous planning, coordination, supervision, technical direction, and the use of appropriately skilled professionals. The following steps summarize our formal in-house program for complete quality management:

- **Develop Detailed Work Plan.** The work plan establishes the major tasks, identifies staff members who will complete the tasks, determines how much time the tasks will take, designates the quality control review staff, and details the schedule for accomplishment.
- **Assign QA/QC Responsibility.** We have identified **Jim Sumislaski, P.E.** as our QA/QC officer. He has extensive experience with this contract's anticipated projects but will not be involved in the day-to-day development—**this enables him to bring in a fresh perspective and critical eye.** Jim has more than 31 years of professional civil engineering experience and serves as project manager on a wide range of roadway planning and design projects. His responsibilities include civil engineering, roadway design, computer applications, preparation of preliminary specifications, cost analyses, plan preparation, noise and air quality analyses, and construction services
- **Conduct Peer Reviews.** We design peer reviews to check, review, and provide oversight of work activities.

Individuals who are not directly responsible for performing the task conduct peer reviews, offering an unbiased technical evaluation at every step of the project.

- **Perform Meticulous Project Documentation.** Appropriate data and work papers that detail the choices that were evaluated and the basis for recommendations will support all documents.
- **Final Project Manager Endorsement.** **Brian Good, P.E.**, our project manager, will evaluate each project for clarity, accuracy, completeness, and scope compliance.

Summary

Kimley-Horn makes a habit of establishing a quality control plan as each project commences, keeping the focus where it should be throughout the project—on producing quality results for you.

Schedule and Budget Control

Kimley-Horn recognizes that schedule and budget control are critical to the success of a project. We are well suited to manage and administer the City's projects to ensure the success of your efforts. At Kimley-Horn, meeting your schedule for deliverables is not just a goal to us—it is a mandate. Schedule control is inherently tied to people. Their experiences, vision, management styles, and philosophies all affect significant components of a project approach and its execution. The team's previous experiences and lessons learned from earlier projects and assignments will be invaluable to Kimley-Horn in serving the City. Our approach will include identifying realistic goals, developing a focused action plan that addresses only those items necessary to accomplish the goals, anticipating the implications of decisions made in early phases to future phases, and preparing a mechanism for addressing unexpected challenges. This approach builds the framework for completing successful projects both on schedule and within budget.

Our first step in schedule control is to understand the City's vision and develop a realistic schedule to make that vision a reality; this requires clear communication and is a critical step in the partnering required for a successful project. Kimley-Horn will define the project requirements, understand potential obstacles to success, identify potential opportunities to achieve more within the same project, and create a project work plan that allows us to accomplish the City's goals efficiently.

Prior to beginning work on any project, we will prepare a detailed project schedule and monitor it against actual project milestone completion dates. Project schedules are evaluated at different frequencies depending on the magnitude of the project. For the City's projects, we anticipate monitoring the project schedules on a weekly basis and will take corrective action the instant we become aware of a potential problem. We use several different software packages, including Microsoft Project and the Primavera scheduling programs to schedule our work. We will submit updated schedules on a monthly basis, along with our invoices as deemed necessary by the City.

Paramount to the success of any project is a continued partnering throughout the project to adapt as necessary to unforeseen circumstances. We will include critical decision-making points in our work plans so the project team and the City can agree upon the best course of action to keep projects on track. We know there will always be unexpected challenges unique to any given project, so it is critical to develop and follow an approach that controls what can be controlled while building in mechanisms for dealing with the unexpected.

When required, our team can accelerate work to meet a change in project schedule. This process is used frequently when workloads require extra personnel. It allows our team to be flexible and be able to react to all types of scheduling changes.

Kimley-Horn is confident in its ability to monitor project schedules to meet our client's expectations and we have an exemplary record of performance. We are prepared to commit the necessary resources to ensure that your projects stay on schedule and within budget.

Project Management

Kimley-Horn recognizes that a strong project management approach is necessary to successfully complete this City of Stuart's Professional Civil Engineering Services project on schedule and within budget. Our standard management practices are outlined in a formal manual published by the firm entitled, Project Manager. Our standard management practices are outlined in a formal manual published by project manager prepare a detailed work plan and management plan for each major project. This includes a plan for controlling and directing all elements of the project.

Our entire approach to project management is characterized by the following philosophies and policies, which are ingrained in the Kimley-Horn culture:

- We will not only control and manage the project schedule, we will anticipate problems, creatively develop solutions, and implement a set of actions before problems arise.
- We will follow up on action items to ensure that planned actions are executed by a single responsible person. There will be no misunderstanding as to who was or is responsible.
- Our project management plan will promote efficiency, clarify communication protocols, provide direction, avoid misunderstandings, and govern routine action.
- Our project management plan will clearly identify, budget, and plan for effective quality control and independent reviews, and we will produce a result that exceeds contractual expectations.
- We will execute random inquiries into schedule adherence, work performance, quality performance, and resource allocations to determine compliance with planned project performance. We will identify anomalies and take instant corrective actions as needed.
- Our project manager, **Brian Good, P.E.**, will be in command and control of the project at all times. He will have the authority to allocate resources and correct problems without senior management approval.
- We will view the project from your perspective, examine issues in a strategic context, and provide you with tactical solutions.

Given the realities of complex technology, challenges of creative design, impacts of environmental permitting, and the critical importance of cost management, effective project management is essential to the production of quality work and successful projects completed on schedule and within budget. To serve as an effective project manager, it is necessary to understand the project requirements and develop the best project team to maximize personnel expertise and experience. When the proper team is assembled for any given project, it is easier to anticipate major or minor problems before they occur.

Kimley-Horn has a long history of achieving successful project completion through a combination of effective project management and technical expertise.

Detailed Work Plan

Kimley-Horn project managers develop very detailed work plans that include specific task items for the duration of all projects with associated team members develop very detailed corresponding time. The work plan defines who, what, when, where, and how for all project tasks. This level of detail requires the project manager and the team members to think the project through and develop a plan that they are then responsible for implementing. This work plan process also helps to ensure the correct team members are selected for the work and minimizes problems through early detection, experience, and expertise.

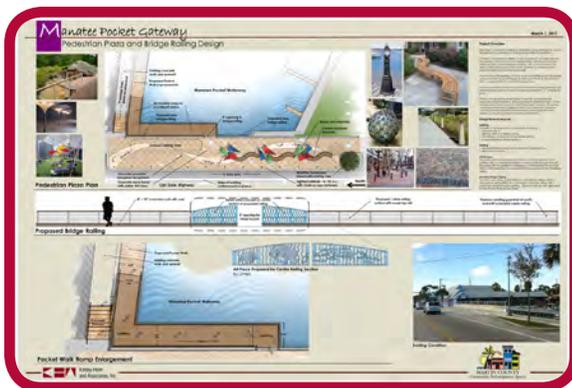
2. Past Performance in Similar Activities in Florida

Our past experience demonstrates how we have resolved issues that will likely arise on your projects. Every project will encounter a challenge—our experience enables us to rise above the challenge and offer you practical and workable solutions to get through those obstacles. From isolated signals, intersection design, intelligent transportation systems, and roadway design to community redevelopment, our experienced staff continues to improve the flow of traffic across the country and helps shape the future of transportation among Florida communities. Kimley-Horn will look at conditions from your perspective and do what it takes to make sure you achieve your goals quickly and cost-effectively. The following summaries of recent projects and ongoing services illustrate our experience providing of a variety of engineering services.

Manatee Pocket Gateway, Martin County, FL

Kimley-Horn was retained by the Martin County CRA to develop conceptual and construction plans to convert underutilized public space within the Old Dixie Highway right-of-way over Manatee Pocket in Port Salerno to a pedestrian plaza that would be more complimentary and improve pedestrian connectivity to the commercial uses in the vicinity.

Kimley-Horn designed a beautiful new pedestrian plaza space that incorporated the existing bridge sidewalk and adjacent parallel parking spaces. Working with a local artist, the project included sculptural fish inlaid into the sidewalk; a set of artist fabricated “gates” flanking the entrance to the pocket walk; new cable railing; enhanced access into an existing restaurant; benches; and shade sails. A space for outdoor restaurant seating was also created to activate the space and liven up the street.



Kimley-Horn also designed a pedestrian walkway from the existing bridge over Manatee Pocket to the existing boardwalk along the river to improve access to the existing restaurants and commercial uses. The project has resulted in a significant community benefit by creating a quality outdoor amenity and improved pedestrian connectivity the businesses in the area.

Client:	Kevin Freeman Community Development Director Martin County, Florida 2401 SE Monterey Road Stuart, FL 34996 (772) 288-5497
Year Completed:	2010
Nature of Work Involved:	Roadway Design, Structural Design, Landscape Architecture, Public Outreach, and Construction Phase Services
Total Value of the Project:	\$225,000 (Construction)

Railroad Avenue Corridor Improvement Project

Kimley-Horn was selected by the Martin County CRA to develop construction plans to improve vehicular and pedestrian access along Railroad Avenue between Indian Street and Garden Street. Railroad Avenue was an unimproved County right-of-way that abutted railroad right-of-way along the western edge and has light industrial uses along its eastern edge. The corridor suffered from a lack of defined vehicular access, non-existent drainage facilities, contaminated soils and overall blight.

Kimley-Horn was tasked with developing improvements that would improve access to the existing numerous commercial land uses along the corridor, address water quality discharges, safely address the handling and disposal of the existing contaminated soils from within the corridor, improve potable water service and design a xeriscape landscape plan that will improve the aesthetics of the corridor all within a defined project budget from inception.

Client:	Kevin Freeman Community Development Director Martin County, Florida 2401 SE Monterey Road Stuart, FL 34996 (772) 288-5497
Year Completed:	2013
Nature of Work Involved:	Roadway Design, Landscape Architecture, Utility Design, Permitting, Public Outreach, and Construction Phase Services
Total Value of the Project:	\$1,300,000 (Construction)

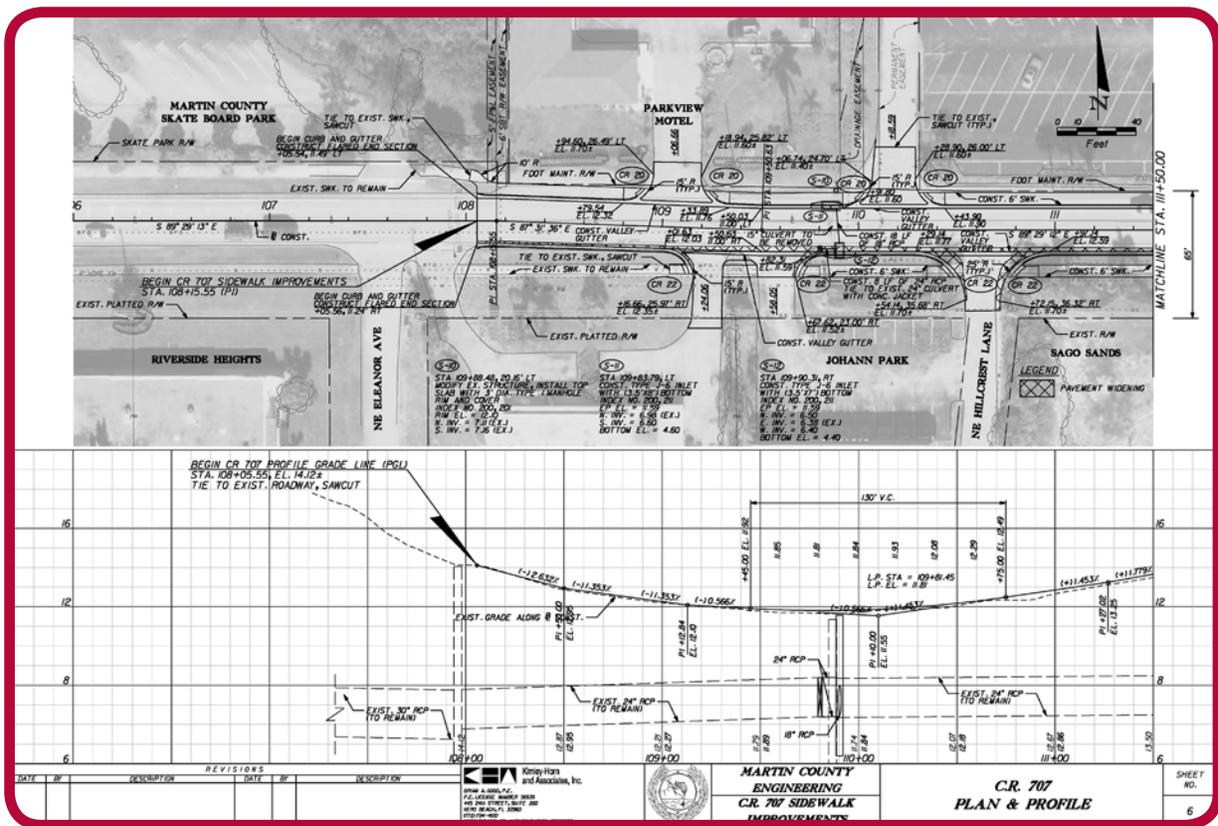




CR 707 Sidewalk Project – Phase I and Phase II

Kimley-Horn was selected by the Martin County Engineering Department to develop construction documents which provided pedestrian improvements along CR 707 between NE Eleanor Avenue and NE Palmer Street. The design consisted of transitioning CR 707 within the existing right-of-way to provide space to construct the proposed sidewalk improvements, introduction of raised landscape islands to improve access management and drainage improvements address stormwater runoff from the corridor. Kimley-Horn was successful in meeting the County's challenging project schedule of having the project design documents completed within 30 days of notice to proceed.

Client:	Ken Vreeland Martin County Engineering Department 2401 SE Monterey Road Stuart, FL 34996 (772) 288-5430
Year Completed:	2012
Nature of Work Involved:	Roadway Design
Total Value of the Project:	\$255,000 (Construction)



SE Salerno Road Corridor Concept Plan

Kimley-Horn was selected by the Martin County CRA to assist in developing conceptual corridor plans for Salerno Road between SE Ebbtide Avenue and Old Dixie Highway such that the community could evaluate alternative improvements within this community. In addition to the conceptual corridor plans, Kimley-Horn provided opinions of probable construction costs and presented the developed concepts to the community.

Client:	Kevin Freeman Community Development Director Martin County Community Development Department 2401 SE Monterey Road Stuart, FL 34996 (772) 288-5497
Year Completed:	2013
Nature of Work Involved:	Roadway Planning, Public Outreach
Total Value of the Project:	\$35,000



Existing



Proposed

Willoughby Boulevard/Runke Street Traffic Signalization

Kimley-Horn was selected to design a mast-arm traffic signal and pedestrian improvements at the subject intersection. The design also included the expansion of SE Willoughby Boulevard’s northbound approach to SE Runke Street to include a dedicated right turn auxiliary lane. This project was completed to support the opening of the Sailfish Splash Waterpark and required coordination with the SE Runke Street Sidewalk Project.

Client:	Bobby Byrd Martin County Engineering Department 2401 SE Monterey Road Stuart, FL 34996 (772) 221-2300
Year Completed:	2009
Nature of Work Involved:	Roadway Design, Permitting, Signalization Design
Total Value of the Project:	\$600,000 (Construction)

Indian River Drive Parking and Sidewalk Project

Kimley-Horn was retained to develop construction plans to construct sidewalk improvements along Indian River Drive between approximately NE Dixie Highway and Riverside Park. In addition to the pedestrian improvements Kimley-Horn designed onstreet parking and drainage improvements to improve access to an existing marina land use located along the corridor. In addition to the pedestrian improvements, Kimley-Horn designed traffic calming elements along Indian River Drive to aid in improving mid-block pedestrian crossings of Indian River Drive. Kimley-Horn also provided LAP permitting coordination with the Florida Department of Transportation associated with this project, as this was a source of project funding.



Client:	Ken Vreeland Martin County Engineering Department 2401 SE Monterey Road Stuart, FL 34996 (772) 288-5430
Year Completed:	2009
Nature of Work Involved:	Roadway Design
Total Value of the Project:	\$125,000 (Construction)

CR 707/Dixie Highway

Kimley-Horn was selected by Martin County to evaluate existing design documents and provide alternative design improvements. Elements of work considered in the redesign were the roadway typical section, vehicular roundabout, landscape design, hardscape design and drainage design. In addition, Kimley-Horn worked with the County to identify right-of-way constraints that would preclude the project from moving forward and provided alternative design improvements. Kimley-Horn assisted the Community Redevelopment Agency in working with the residence/ business owners in addressing right-of-way and access management issues along the corridor. Also, Kimley-Horn designed and permitted the relocation of a 16" potable water main with the Florida Department of Environmental Protection to facilitate the proposed corridor improvements.

Kimley-Horn also prepared construction documents to support the development of the Rio Town Center Streetscape. The existing two-lane rural roadway was visualized to be reconstructed into a two-lane, divided urban corridor with on-street parking, a community featured roundabout to accommodate a future art installation, 10-foot-wide sidewalks along either side, landscaping/hardscape improvements, and street lighting. The corridor will serve as the backbone of the Rio Town Center master development plan. Consulting services included construction document development, agency permitting, public involvement workshops, coordination with franchise utility operators to support undergrounding of overhead utilities, and post-design construction phase services. Roadway construction was completed in June 2012, and we are currently working on the design for the sidewalk improvements.



Client:	Bobby Byrd Martin County Engineering Department 2401 SE Monterey Road Stuart, FL 34996 (772) 221-2300
Year Completed:	2009
Nature of Work Involved:	Roadway Design, Landscape Architecture, Utility Design, Permitting, Public Outreach, and Construction Phase Services
Total Value of the Project:	\$2,500,000 (Construction)





Moore's Creek Multiple Bridge Replacement Project

Kimley-Horn was selected as part of a design build team with Burkhardt Construction, Inc. to provide the design of four (4) bridge replacements over Moore's Creek that had been determined to be structurally deficient by the Florida Department of Transportation. Kimley-Horn worked with the City to design the replacement structures that would be integrated into the Moore's Creek Linear Park Project by integrating hardscape elements that would complement the Linear Park Project, add traffic calming features to the roadway corridors, reduce long term maintenance costs, addressed long term erosion and scour events and be hydraulically superior to the existing vehicular structures. The bridge replacements required permitting through South Florida Water Management District, Army Corps of Engineers and the City of Ft. Pierce. The scope of services included design survey, roadway design, hardscape design, drainage design, erosion control plans and permitting.



Client:	Jack Andrews, P.E. City of Fort Pierce Engineering Department 100 North US 1 Fort Pierce, FL 34954 (772) 467-3773
Year Completed:	2009
Nature of Work Involved:	Roadway Design, Landscape Architecture, Structural Design, and Construction Phase Services
Total Value of the Project:	\$2,200,000 (Construction)

Bridge Road Corridor Plan and Design

Kimley-Horn was retained to evaluate corridor improvements along Bridge Road between US 1 and Dixie Highway in Hobe Sound. The corridor improvements included urban streetscape design elements, parking alternative configuration evaluations, evaluations relative to undergrounding the existing franchise utility services, development of illustrative concept plans, construction cost estimating, and public workshop presentations. The Bridge Road corridor is a commercial corridor in the Hobe Sound CRA. Based on the community's positive response to the conceptual corridor plans, this project moved into construction document development in 2012. Kimley-Horn is currently coordinating with the County and property owners located along the corridor to secure the roadway right-of-way necessary to construct the proposed improvements.

Client:	Pinal Gandhi-Savdas Martin County Community Development Department 2401 S.E. Monterey Road Stuart, FL 34996 (772) 463-3288
Year Completed:	Started 2011; On-going
Nature of Work Involved:	Roadway Design, Landscape Architecture, Utility Design, Permitting, and Public Outreach
Total Value of the Project:	\$1,500,000 (projected construction)



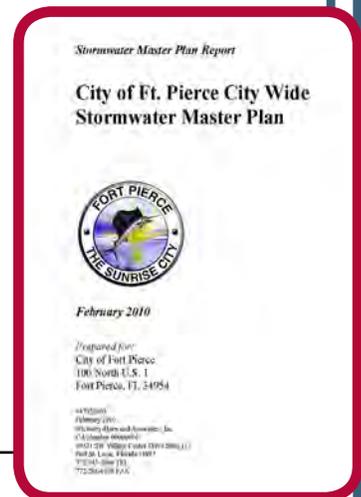
SR 714 (Martin Downs Boulevard)/Matheson Road Intersection Improvement

Kimley-Horn served as one of the County's general consultants on this project. The scope of services included topographic survey, the design of a right turn lane along Matheson Road and the extension of a left turn lane along SR 714, landscape modifications, signing and pavement marking plans, signal modifications, and permitting with the Florida Department of Transportation.

Client:	Bobby Byrd Martin County Engineering Department 2401 S.E. Monterey Road Stuart, FL 34996 (772) 221-2300
Year Completed:	2009
Nature of Work Involved:	Roadway Design, Landscape Architecture and Permitting
Total Value of the Project:	\$250,000 (Construction)

City of Fort Pierce Stormwater Master Plan

Kimley-Horn developed a stormwater management master plan for the entire City to address their existing problems and provided options for future growth. Initially, areas of flooding and level of service deficiencies were identified. Next, the system was modeled based on the city's future land use plan to determine potential areas of flooding when the city is fully developed. The hydrologic and hydraulic modeling effort gave us the data necessary to formulate a realistic stormwater management master plan document that provided Fort Pierce with a concrete strategy to prevent flood damage, direct future growth, and maintain the natural systems within the city. Other tasks that were undertaken by Kimley-Horn included public workshops to educate citizens about the findings in the stormwater master plan and detailed opinions of probable cost for recommended improvements.



Client:	Jack Andrews, P.E. City of Fort Pierce Engineering Department 100 North US 1 Fort Pierce, FL 34954 (772) 467-3773
Year Completed:	2010
Nature of Work Involved:	Stormwater planning and design
Total Value of the Project:	\$500,000



Martin MPO General Planning Consultant (GPC) Contract, Martin County, FL

Serving as project manager. Kimley-Horn was selected in 2012 to provide on-call transportation planning services for the Martin MPO. Kimley-Horn's first task order was to assist the Martin MPO with their federal certification review. The project scope has included assistance with the preparation of responses to Federal Highway Administration (FHWA) certification review questions, organizing the certification review public meeting, and attendance at meetings to provide guidance regarding the Long Range Transportation Plan (LRTP) development, regional coordination, and environmental documentation. Additional task orders managed under this contract include the Congestion Management Process (CMP) Tier II and the Household Travel Survey (HTS).

Client:	Paul Bangs, P.E. Martin County 2401 SE Monterey Road Stuart, FL 34996 (772) 288-5481
Year Completed:	Ongoing
Nature of Work Involved:	Transportation planning services, certification review services, public outreach, and environmental documentation
Total Value of the Project:	\$15,770 (Total Contract Value)

3. Familiarity

Kimley-Horn prides itself on being a successful consultant for local government. In fact, one of our largest practices is in the municipal arena. We have had the opportunity to serve Martin County for over a decade as their general services transportation engineering consultant. In addition, Kimley-Horn also has the opportunity to serve as the Martin Metropolitan Planning Organization general consultant. These contracts have afforded us the opportunity to work in and around the City of Stuart for many years, most recently on the East Ocean Boulevard Corridor Study. Most recently Kimley-Horn presented our findings and recommendations associated with this very important corridor within the City this past April to the City Commission.



We consider ourselves to be an extension of a city's staff and are committed to the success of a city's projects as if they are our own projects. We are accessible for staff meetings and work sessions on short notice, and we can offer knowledge of local conditions because we are a local team. In addition, many of our staff members are former municipal engineers and planners. Our team's combined municipal experience in design, administration, and construction phase services gives us the specific understanding of how to work with Public Works, Redevelopment Agencies, and other regulatory agencies, elected officials, various stakeholders and the local community to negotiate support and buy-in, and effectively achieve your objectives.

Our experience with the City of Stuart includes providing the City's Utility Master Plan. For this project, Kimley-Horn developed a four-phase utility master plan that addresses the utility's needs though build-out conditions. The project included development of a needs assessment and facilities and resources review. The master planning program progressed into water and sewer system mapping and performing a hydraulic analysis of its water and sewer systems.



4. Qualification Data

Company History

Kimley-Horn and Associates, Inc. was founded in 1967 in Raleigh, North Carolina by Bob Kimley and Bill Horn—two senior engineering professors at North Carolina State University. The expertise of the firm was initially focused on traffic planning and public transportation projects. In the ensuing 47 years, the firm has expanded both geographically and in the variety of planning, engineering, and environmental services that it provides.

Kimley-Horn has provided a wide variety of services for state, municipal, and county projects since our founding in 1967. Over the years, we have grown from a small group of traffic engineers to a recognized leader in a variety of engineering disciplines. Today, Kimley-Horn is a full-service, multidisciplinary consulting firm with more than 2,000 employees in 59 offices in 19 states offering a full range of consulting services to local, regional, national, and international clients. In Florida alone, there are more than 400 employees in 14 offices.

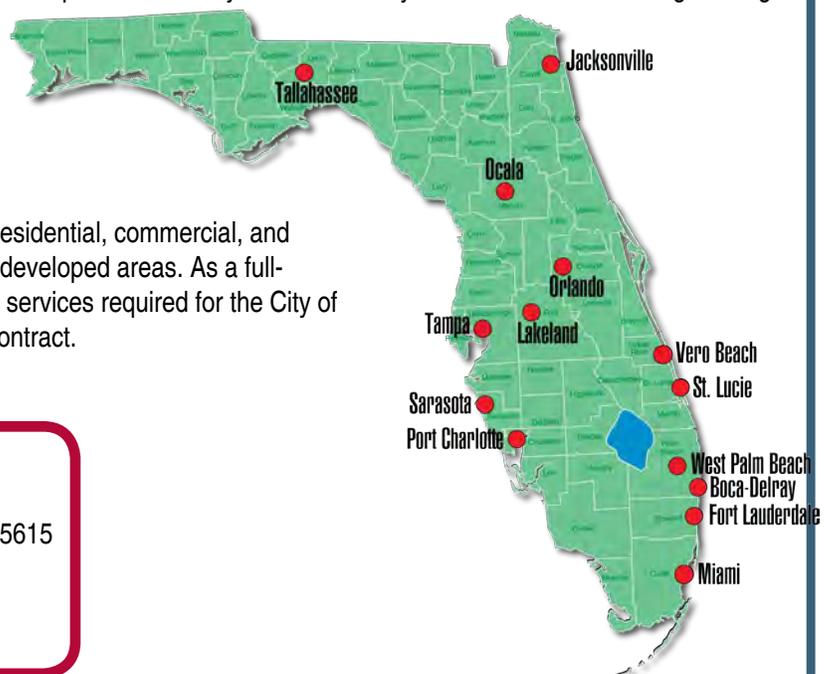
In 2013, *Engineering News-Record* ranked Kimley-Horn 39th on the list of the top 500 US design firms in the nation. We were also ranked 20th out of 100 pure design firms. And we were ranked 69th out of 100 green firms.

But through this growth, we have come to appreciate the value and importance of remaining true to our roots as a small firm: focusing our attention on our local clients and providing them with the personalized and responsive service they expect. We pride ourselves in our ability to tailor comprehensive engineering services to our clients' needs. Kimley-Horn's approach gives our clients the best of both worlds—the resources of a large, nationally-ranked firm and the personal attention and response of a small dedicated professional team. With a comprehensive array of engineering and planning services in-house and in Florida, you get the responsiveness, expertise, and experience you need.

With the Kimley-Horn team, you get a consultant that listens to your needs and delivers solutions to meet those needs. Our team of experts can help you meet any civil engineering challenge you face in the City of Stuart.

Our 55 employees in our Vero Beach office and supporting staff from around the firm have adopted this philosophy and are committed to working together with the City of Stuart to provide a variety of services for your Professional Civil Engineering Services contract.

We are proud of our previous work with the City of Stuart. And our award-winning experts have provided exceptional client service and technical expertise to numerous utility clients throughout Florida. This expertise has been applied in rural, residential, commercial, and industrial areas; in both undeveloped and heavily developed areas. As a full-service consulting firm, we are able to provide the services required for the City of Stuart's Professional Civil Engineering Services contract.



Date of Incorporation: February 10, 1967
(Incorporated in the state of North Carolina)
Federal Identification Number (FEIN): 56-0885615
Corporate charter number: 126896
Professional license number: 00000696
Florida corporate charter number: 821359

Multidisciplinary Services

We provide a broad range of engineering, planning, and environmental services to both public and private sector clients, including:

- Civil Engineering
- Roadway Design
- Traffic Signal Design
- Intelligent Transportation System (ITS) design
- Maintenance of traffic plans
- Stormwater/drainage design
- Hydrologic and hydraulic studies
- Floodplain studies
- Permitting
- Structural Design
- Public Involvement
- Agency coordination and liaison
- Site civil engineering
- Transit operations
- Pedestrian and bicycle facilities design
- Environmental services
- Water and reclaimed water systems
- Waterfront and marine facilities
- Construction engineering inspection services
- Environmental, permitting, assessment, and remediation
- Utility development
- Grant funding, loan, and other intergovernmental funding assistance
- Construction administration, coordination, and observation
- Quality control/quality assurance

Kimley-Horn has the necessary expertise to provide the City of Stuart with the required services for the City's Professional Civil Engineering Services contract.

Location of Firm Headquarters and Offices

Firm Headquarters

Kimley-Horn and Associates, Inc.
3001 Weston Parkway
Cary, North Carolina 27513

Main Office Location for this Contract:

Brian Good, P.E.
Kimley-Horn Vero Beach Office
445 24th Street Suite 200
Vero Beach, FL 32960
Phone: (772) 794-4100
Fax: (561) 863-8175
Email: Brian.Good@kimley-horn.com
Website: www.kimley-horn.com

Other Kimley-Horn Offices Involved in this Project

Kimley-Horn Delray Beach Office
1690 South Congress Avenue, Suite 100
Delray Beach, FL 33445
(561) 330-2345

Kimley-Horn West Palm Beach Office
1920 Wekiva Way, Suite 200
West Palm Beach, FL 33411
(561) 845-0665

Kimley-Horn Fort Lauderdale Office
600 North Pine Island Road, Suite 450
Plantation, FL 33324
(954) 535-5100

Corporate Structure and Ownership

Kimley-Horn and Associates, Inc. (Kimley-Horn) is wholly owned by Associates Group Services, Inc. which is wholly owned by APHC, Inc.

Associates Group Services, Inc. and APHC, Inc. Office Locations

3001 Weston Parkway, Cary, NC 27513

APHC, Inc. is owned by individuals that are Kimley-Horn employees. There are more than 300 APHC, Inc. shareholders.

Principal Officers:

Mark S. Wilson, CFO / Chairman

John C. Atz, CEO / President

Richard N. Cook, Senior Vice President / Secretary / Treasurer

David L. McEntee, Vice President, Treasurer, Assistant Secretary

Directors:

John C. Atz, CEO / President

Barry L. Barber, Senior Vice President

Gregory B. Burns, Senior Vice President

Derrick B. Cave, Senior Vice President

Terence T. Murphy, Senior Vice President

Brooks H. Peed, Executive Vice President

H. Dean Penny, Senior Vice President

Michael G. Schiller, Executive Vice President

Christopher A. Squires, Senior Vice President

G. Bradbury Tribble

Deborah L. Wilson, Senior Vice President

Mark S. Wilson, CFO / Chairman

Qualified Subconsultants.

We have teamed with two highly qualified subconsultants to augment our in-house services and address additional key engineering services needed by the City. Our team includes **GCY, Inc.** for surveying and mapping services and **Dunkelberger Engineering & Testing, Inc., A Terracon Company (Dunkelberger/Terracon)** for geotechnical services. In our experience, communication with subconsultants is simplified when there is an existing professional relationship with the subconsultant. We have worked with each of these firms in the past and are confident in the high quality of their work and professionalism. We are confident that our collaboration with these firms will continue to be successful for any project services required by the City.

Subconsultant Office Locations



GCY, Inc.

1505 SW Martin Hwy

Palm City, FL 34990

(772) 286-8083



Dunkelberger, Engineering & Testing, A Terracon Company (Dunkelberger/Terracon)

8260 Vico Court, Unit B

Sarasota, FL 32420

607 NW Commodity Cove

Port St. Lucie, FL 34986

(914) 915-4114



Professional Civil Engineering Services



REI # 2014-146



Team Organization

We have assembled a team of talented individuals characterized by technical excellence, a commitment to exceed your expectations, and expertise in the broad range of civil engineering services that may be required by the City. Our team of professionals and their specific roles are outlined in the **organizational chart on the following page**. In addition, **resumes for all team members are provided for your review later in section 4**.

Professional Civil Engineering Services



REI # 2014-146



Project Manager

Brian Good, P.E.

Quality Assurance/Quality Control

Jim Sumislaski, P.E.

Utility Design

Mark Miller, P.E.
Brian Good, P.E.
Toral Shah, E.I.

Structural Design

Tom Farnan, P.E.
Jamea Long, P.E.

Roadway Design

Brian Good, P.E.
Eric Kleier, P.E.
Ryan Catarelli, E.I.

Drainage Design/ Studies

Brian Good, P.E.
Michael Forman, E.I.

Landscape Architecture

David Woodward, RLA
Matt Franko

Traffic Studies/Analysis

Stewart Robertson, P.E.
Brian Good, P.E.

Environmental Permitting

Brian Good, P.E.
Lynn Kiefer

Surveying and Mapping

Chris Demeter, PSM
GCY, Inc.

Geotechnical

**Dunkelberger Engineering &
Testing, Inc.**
A Terracon Company

Brian Good, P.E.

Project Manager / Utility Design / Roadway Design / Drainage Design/Studies / Traffic Studies/Analysis / Environmental Permitting



Kimley-Horn Vero Beach Office
445 24th Street, Suite 200, Vero Beach, FL 32960
(772) 794-4083 • brian.good@kimley-horn.com

Martin County Continuing Transportation Engineering Services 2011, Martin County, FL — Serving as project manager. In 2011, Kimley-Horn was selected by the Martin County Board of County Commissioners for a continuing service contract for engineering services related to transportation design and studies. Our services include roadway design, signal design, bridge design, traffic studies, and streetscaping. Specific work orders under this contract include:

Bridge Road Corridor Improvements, Hobe Sound, FL. Kimley-Horn evaluated corridor improvements along the Bridge Road between US 1 and SR A1A. The Bridge Road corridor is a commercial corridor in the Hobe Sound CRA. The corridor improvements included urban streetscape design elements, parking alternative configuration evaluations, evaluations relative to undergrounding the existing franchise utility services, development of illustrative concept plans, construction cost estimating, and public workshop presentations. Based on the community's positive response to the conceptual corridor plans, this project is scheduled to move into construction document development in 2012.

Bridge Road Design, Hobe Sound, FL. With the evaluation of the Bridge Road corridor complete, Kimley-Horn is now working on the roadway and drainage design and permitting elements of this project.

CR 707/Dixie Highway Roadway Improvements and Streetscape Design, Stuart, FL Serving as project manager. Kimley-Horn prepared construction documents to support the development of the Rio Town Center Streetscape. The existing two-lane rural roadway was visualized to be reconstructed into a two-lane, divided urban corridor with on-street parking, a community featured roundabout to accommodate a future art installation, 10-foot-wide sidewalks along either side, landscaping/hardscape improvements, and street lighting. The corridor will serve as the backbone of the Rio Town Center master development plan. Consulting services included construction document development, agency permitting, public involvement workshops, coordination with franchise utility operators to support undergrounding of overhead utilities, and post-design construction phase services. Roadway construction was completed in June 2012, and we are currently working on the design for the sidewalk improvements.

Monterey Road Design, Martin County, FL — Project engineer on the Kimley-Horn team contracted by Martin County to expedite the design of approximately 1.5 miles of Monterey Road (SR 714). The improvement entailed designing a four-lane roadway that would be consistent with the approved PD&E study conducted by FDOT that was accepted by the Martin County Metropolitan Planning Organization. The nature of the work included roadway design, storm sewer design retention calculations, offsite drainage, coordination with the Martin County Airport Authority, landscaping design, and lighting design. The project is currently under design and nearing completion. Anticipated construction date is 2006 as programmed by the Martin County MPO.

Special Qualifications

- Has 18 years of experience related to transportation design projects, including roadway geometric design, hydrologic and hydraulic analyses, plans preparation, and bridge hydraulics.
- Has performed drainage designs and provided solutions for transportation, aviation, residential, and retail projects.
- Stormwater management experience includes hydrological and hydraulic analysis on drainage basins and floodplains from 10 to 50,000 acres, floodway analysis on Federal Emergency Management Agency (FEMA) regulated floodways, and bridge hydraulic backwater analysis for numerous Florida Department of Transportation (FDOT) structures.

Professional Credentials

- Bachelor of Science, Environmental Engineering, University of Central Florida
- Professional Engineer in Florida
- Federal Highway Administration Training Seminar: Bridge Scour and Stream Stability
- Florida Department of Transportation Training Seminar: Modeling of Bridges and Floodplains using Federal Highway Administration Water Surface Profile Computer Model

Professional Organizations

- American Society of Civil Engineers (ASCE), Member
- California Water Environment Association, Member
- Toastmasters International

Kimley»Horn

Continuing Engineering Services, Fort Pierce, FL — Serving as project manager. Kimley-Horn was selected in 2012 to provide engineering services for various projects for the City of Fort Pierce. Specific projects include:

21st Street Sidewalk Project. Tasks for this project include preparation of construction documents and signing/marketing plans.

Heathcote Gardens. This project entails preparation of a specification package. Other tasks include site visit, plan revisions, and plans for a pedestrian bridge.

Kings Highway Corridor Study, St. Lucie County, FL — Served as project engineer on the Kimley-Horn team that evaluated short- and long-term traffic conditions on the Kings Highway corridor from Indrio Road to SR 70 in St. Lucie County. Based on projected growth in the north and central areas of the county (including the proposed Research and Education Park), mitigation options for future traffic demand on Kings Highway and other potential arterial corridors in the area were evaluated. Our results were compiled and presented to the County in a graphical Corridor Study workbook.

Kings Highway Design and Construction, Vero Beach, FL — Served as project engineer for the design of a 2.5-mile widening of an existing two-lane, rural roadway to a four-lane, urban divided roadway. Responsibilities included stormwater drainage design, roadway design, and permitting. The project required coordination with the St. Johns River Water Management District, the Indian River Farms Water Control District, and the Indian River County Public Works Department.

Oslo Roadway Phase I Widening (includes Phase I and II ROW Mapping), Vero Beach, FL — Project manager involved with the design of a new, five-lane, 1.65-mile stretch of Oslo Road between 27th Avenue and Old Dixie Highway in South Indian River County. Services included alternative alignment evaluations to evaluate impacts to residential and commercial uses along the corridor, enclosure of approximately 1,800 linear feet of IRFWCD canals, signalization design, utility design, roadway design, stormwater management design, surveying, right of way mapping, signing and marking, intersection design, signalization design, landscape and drainage design, and permitting. This project also required extensive coordination with Indian River County Public Works Department, SJRWMD, IRFWCD, ACOE, and property owners along the corridor.

Miscellaneous SR A1A and CR 510 Roadway Improvements, Indian River County, FL — Served as project manager involved in the design of seven separate auxiliary turn lane improvements to SR A1A and three auxiliary turn lane improvements to SR 510. The improvements were developed with the County based upon their capacity related benefits. The scope of services included survey, roadway design, wetland impact mitigation, and permitting. Due to the varied locations associated with the projects, multiple permit applications were made to SJRWMD and FDOT. This project required extensive coordination with Indian River County Public Works Department, SJRWMD, Indian River Mosquito Control, and FDOT.

Schumann Drive, Sebastian, FL — Served as project engineer for the design of 0.6 of a mile of reconstruction for an existing two-lane residential divided roadway. Responsibilities included stormwater drainage design and roadway design. The design focused on improving the existing inadequate stormwater conveyance and minimizing construction impacts to the local residences. The project was fast-tracked through design and completed within 30 days.

Old Boynton Road/Congress Avenue Intersection Improvements, Boynton Beach, FL — Served as project engineer for roadway improvements at the intersection of Old Boynton Road and Congress Avenue. Responsible for drainage design, roadway design, and permitting.

Boggs Field Improvement Project, Hollywood, FL — Served as project engineer for the design of roadway and drainage improvements for the Boggs Field Park improvement master plan. Improvements consisted of designing inlets and 850 feet of exfiltration trench to collect and treat stormwater runoff for an existing ballfield parking area and improved roadway.

Jim Sumislaski, P.E.

Quality Assurance/Quality Control



Kimley-Horn Delray Beach Office
1690 South Congress Avenue, Suite 100, Delray Beach, FL 33445
(561) 404-7249 • jim.sumislaski@kimley-horn.com

SR 76/Kanner Highway from West of I-95 to Monterey Road, FDOT District Four, Martin County, FL — Serving as project manager. This project involves improvements to the I-95 interchange to increase the capacity of SR 76/Kanner Highway by widening the existing four-lane section (from west of I-95/Locks Road to Monterey Road) to a six-lane, urban roadway. As a subconsultant to another firm, Kimley-Horn is providing signalization, lighting, and landscape architecture services for this project. Improvements to the corridor will include construction of a 6-foot sidewalk along the north side and a 12-foot shared-use path along the south side of SR 76, bike lanes in each direction, and three bridge widenings (two along SR 76 and one on I-95). Other project elements include roadway design, public involvement, drainage, utilities coordination, permitting, and signing/pavement markings.

16th and 17th Street Improvements, Indian River County, FDOT District Four — Project manager for the improvements consisting of widening and resurfacing 16th and 17th Street, from US 1 (SR 5) in Vero Beach to west of 14th Avenue. This project consisted of many off-site flows and unique conditions that were considered in the stormwater system design.

Palmetto Park Road Beautification, Boca Raton, FL — Senior project engineer for this three-mile improvement project completed ahead of schedule in just seven months. The project consisted of full corridor master planning, consensus building, landscape architectural design, and complete construction engineering and inspection services for this traditional retail district through the downtown area of the City of Boca Raton. It included new storm drainage; undergrounding of 0.5 miles of FPL overhead lines; new curb, gutter, and sidewalks; milling and resurfacing of the roadway; new water and sanitary mains; reuse water lines; and irrigation system and streetscape elements. Maintaining access to businesses during construction was a key concern. (Note: contractor received \$40,000 bonus for completing project ahead of schedule.)

Pembroke Road, Pembroke Pines, FL — Project manager for this three-mile, \$11.8-million improvement project for the neighboring cities of Pembroke Pines and Miramar. The lighting design is of special significance because existing FPL fixtures were being supplemented with additional light fixtures to bring light level to current standards. Use of AG132 software was needed to model light level and optimize the design. This project included extensive public involvement and coordination with other proposed projects in the area.

SR 615, FDOT District Four — Project manager for this FDOT project that included the construction of a 2.5-mile urban highway in St. Lucie County. This project included two bridges, three acres of impacted wetlands, box culverts, wet and dry retention ponds, right-of-way takings, sensitive access management issues, traffic control plans, and signalization and lighting plans.

SR 80 Bridges, FDOT District Four — Provided complex engineering design and permitting services for the widening or replacing of several bridges over adjacent canals. This includes replacing the C-51 canal bridges over Military Trail and Kirk Road, which were replaced with three-span, cast-in-place, post-tension concrete box girders with spans consisting of 130 feet, 200 feet, and 130 feet, respectively. The bridges will be constructed

Special Qualifications

- Has 31 years of experience in design and preparation of construction plans, including roadway geometrics, specifications, signalization plans, lighting plans, signing and pavement marking plans, permitting, and traffic control plans
- Serves as senior project manager and Engineer of Record on a variety of roadway projects
- Versed in Microstation, Geopak, and AGI 32 lighting analysis computer design program
- Attended design specifications package seminar training under special invitation from FDOT staff

Professional Credentials

- Bachelor of Science, Civil Engineering, Merrimack College
- Professional Engineer in Florida

Professional Organizations

- Florida Engineering Society
- Florida Institute of Consulting Engineers

on temporary falsework. This will be the first type of bridge consisting of cast-in-place box girders in Palm Beach County. The eastern portion of the project will involve replacing the bridges on SR 80 over I-95 and the CSX Railroad. The new bridges will be two-span, structural steel plate girders to minimize raising the elevations along SR 80 and will be approximately two times wider than the existing bridges. Our scope of services includes the design of all roadways, structures, traffic operations, right-of-way surveys, and permitting. Permits (environmental resource permit and right-of-way occupancy) were required from South Florida Water Management District (SFWMD) and U.S. Army Corps of Engineers. Extensive coordination with SFWMD has occurred due to the project location in the C-51 basin.

Kings Highway (SR 713) from Okeechobee Road (SR 70) to US 1 (SR 5) PD&E Study, FDOT District Four — Served as project engineer. Kimley-Horn performed a PD&E study to widen an existing two-lane roadway to a four- or six-lane divided roadway. This 10-mile project included all environmental and engineering reports necessary to evaluate alternative corridors and alternative alignments within the selected corridor. The project also included public information meetings and public workshops with local residents and elected officials. Additional services included the preparation of a detailed concept plan, right-of-way maps, and a pond siting report to determine additional right-of-way needs.

Palmetto Park Road Improvements and Downtown Boca Raton Pedestrian Promenade, Boca Raton, FL — Project manager. For this retail district through the downtown area, Kimley-Horn provided full roadway and streetscape design and landscape architectural design to create a pedestrian friendly downtown with emphasis on a promenade connecting Plaza Real with Mizner Park. Intersections were redesigned to reduce pavement crossing width, minimize turn lanes, emphasize pedestrian crossings and modify signal timing to improve the pedestrian and downtown environment. Special emphasis was placed on providing an inviting pedestrian experience along retail businesses and providing on-street parking. Improvements include brick paved intersections, introduction of curbless streets along NE 1st Avenue, reconstruction of Boca Raton Road with an inverted crown roadway with wider sidewalks and on-street parking. Curbless streets were introduced to enable their use for special events when streets can be closed for fair events. Landscape and hardscape improvements include planter islands and wide brick paver sidewalks on both sides of the roadways. Improvements along Palmetto Park Road include construction of wider brick paver sidewalks, raised brick paver intersections, lighted bollards, and new decorative street lighting. Planned pergola structures, which we anticipate will be added in 2012, will accent the streets providing shade and a seating area for pedestrians.

SR 5/US 1 Improvements, St. Lucie County, FDOT District Four — Project manager for the widening of four miles of SR 5 (US 1) in St. Lucie County from Euclid Street to Kings Highway.

Hypoluxo and Lyons Roads, Palm Beach County, FL — Project manager for the Kimley-Horn team that provided roadway design services for two sections of this new highway in Palm Beach County. The first section was Hypoluxo Road from SR 7 (US 441) to Lyons Road and Lyons Road from Hypoluxo Road to Sherbrook Development. The second section was Lyons Road from LWDD L-19 Canal to Hypoluxo Road and Hypoluxo Road from Lyons Road to west of Florida's Turnpike. Services included design, drainage, and signing and pavement marking for 1.5 miles. The firm also provided the design and plans production which included horizontal and vertical alignment, cross-sections, and intersection plateau. The project included the design of one side of an ultimate typical section and designing ultimate stormwater facilities.

Hypoluxo Road from Military Trail to Congress Avenue, Palm Beach County, FL — Project manager of the Kimley-Horn team responsible for plans productions, horizontal and vertical alignment, side street profiles, and signing and pavement markings. The project included the addition and lengthening of turn lanes, determination of median openings, pavement widening, milling and resurfacing, and the design of stormwater facilities.

Lake Worth Service Plaza, FHP Troop K Dispatch Center, Florida's Turnpike Enterprise, Lake Worth, FL — Project manager for design and construction of the Troop K Dispatch Center, a 3,000-square-foot communications center that was constructed as an FCO Level 4 contract under stringent task schedules and budget controls. Responsibilities also included managing the production and quality of the work for the architectural, mechanical, and electrical subconsultants. The project was completed under budget and on schedule.

Mark Miller, P.E.

Utility Design



Kimley-Horn West Palm Beach Office
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Fort Pierce Utilities Authority (FPUA) South Hutchinson Island Storage and Repump Facility, Fort Pierce, FL — Served as project manager. To meet increasing demands and improve operating efficiency of the South Hutchinson Island Repump and Storage Facility, Kimley-Horn upgraded variable frequency drives and cabinets, replaced older electrical gear, upgraded of the remote communication to a more robust Ethernet radio system, replaced older technology altitude valve with a true control valve, added a new standby auxiliary powered generator with automatic transfer switch, and upgraded the liquid chlorine and ammonia feed systems. These improvements also included the installation of an interlocked dual-feed main disconnect with a generator receptacle, and programmable logic controller with radio communication. The existing electrical room was enclosed and included an HVAC system to maintain climate control in the enclosed electrical room. The design also included a phasing plan that allowed the station to run continuously while these improvements were implemented.

Glades Utility Authority Lake Region Water Treatment Plant Upgrades, Belle Glade, FL Serves as project manager for an evaluation of recent degradation in raw water quality at the plant. Our team is evaluating the existing wellfield operations and the impacts to the Glades Utility Authority's 10 MGD Lake Region water treatment plant. The degradation in water quality significantly reduced the treatment plant's capacity, and we were called upon to help implement corrective actions to recovery plant capacity. Currently providing miscellaneous design, coordination, and implementation services for several task orders at the plant, including wellfield modifications and operations; independent peer review of current operating conditions and equipment; definition of operating protocols; implementation of inter-stage boost and energy recovery devices (ERD's); and review of operating logic and SCADA system interface.

Martin County Utilities (MCU) Miles Grant Sewer System Conversion, Martin County, FL — Served as project manager of the team who studied, planned, designed, and permitted MCU's purchase of the Miles Grant Water and Sewer (MGWS) Company Utility Systems from Utilities, Inc. Kimley-Horn assessed the existing sewer system and implement a program to decommission the facilities and integrate the sewer system into Martin County's consolidated sewer system. Our team investigated alternative options to a master pump station at the wastewater treatment plant (WWTP), conducted hydraulic modeling of an integrated and consolidated sewer system, designed a master pump station and conversion of existing lift stations to MCU standards, provided survey and design for a 2,000-foot horizontal directional drill of a new force main, provided electrical design, and provided permitting and bidding assistance for the diversion of Miles Grant wastewater to the MCU consolidated wastewater system. The project required the WWTP be decommissioned in one year.

Indian River Plantation 12-inch Force Main Construction, Martin County, FL Serving as project manager. Kimley-Horn is being retained to construct a new subaqueous 12-inch force main across the Indian River Intracoastal Waterway between Hutchinson Island and Sewall's Point connection at Ocean Boulevard and Sewall's Point road in Martin County. The scope of services for this project consists of reviewing the existing sewer

Special Qualifications

- Has 27 years of experience with the design, permitting, construction, and operations of water and wastewater systems, including pump stations, treatment plants, and distribution systems
- Responsible for the design, construction management, and start-up coordination for numerous membrane water treatment plants.
- Conducted pilot studies for various water treatment alternatives and developed preliminary design studies
- Strong process design experience for all types of water treatment facilities
- Responsible for the design and construction phase services of several specialty water systems, including ion exchange treatment, filter systems, membrane pilot studies, SCADA system integration, and operational testing of numerous municipal treatment systems

Professional Credentials

- Master of Engineering, Civil Engineering, University of Florida, 1988
- Bachelor of Science, Ocean Engineering, Florida Institute of Technology, 1986
- Professional Engineer in Florida

Professional Organizations

- American Water Works Association (AWWA)
- National Association of Corrosion Engineers
- Southeast Desalting Association

system data, preparing topographic survey, design, preparation of drawings and specifications, decommissioning the wastewater treatment plant (WWTP), and regulatory agency permitting and bidding assistance for the diversion of wastewater from the existing Indian River Plantation WWTP to the Martin County Utilities consolidated sewer system.

Nanofiltration Water Treatment Facility (WTF), Jupiter, FL — Serving as project engineer. Kimley-Horn provided engineering services during the construction of a new 18.5-MGD nanofiltration WTF. The membrane configuration being used on this project is unique because it employs center feed membrane vessels which will significantly reduce operating costs. Other unique features include the requirement that this project be constructed on an existing water treatment plant site which is very densely developed. Space is limited and the existing water treatment plant (WTP) must remain in operation at all times during construction of the nanofiltration WTF. Kimley-Horn is also providing all programming and integration of the new plant control system, as well as updating the existing 12.5-MGD reverse osmosis (RO) WTP control system. Upon completion of this project, both nanofiltration and RO plants (along with an exchange treatment facility, lime softening facility, lime sludge recovery system, two hydrogen sulfide stripping systems, and a concentrate treatment facility) will be integrated into a single-control system operated at a single-control station.

Wastewater Treatment Facility (WWTF) Rehabilitation/Expansion, Lake Wales, FL — Served as project engineer. Kimley-Horn was responsible for all design, construction document preparations, permitting, SRF funding assistance, bid administration, and construction administration for the rehabilitation and expansion of an existing 1.9-MGD WWTF. Rehabilitation items included new headworks fine screening system, new oxidation ditch rotors with smart biological nutrient reduction system, replacement of clarifier mechanisms, conversion of existing traveling bridge sand filter to disk filter system, rehabilitation of existing aerobic digester, addition of a new aerobic digester, rehabilitation of existing electrical system, and rehabilitation/ enhancement of the SCADA system. Work included a permitting treatment capacity expansion to 2.19 MGD. The project construction was completed on time and under budget.

DeSoto County Utilities (DCU) (DeSoto County Correctional Institute) Reverse Osmosis (RO) Water Treatment Plant (WTP) Expansion, DeSoto County, FL — Served as project manager. DeSoto County operated a nanofiltration WTP that was limited in raw water quantity, and also limited to 60% recovery due to elevated levels of silica. Our team was called upon to develop an alternative water supply using the Floridan aquifer, and design a system expansion from 0.5 MGD to 0.75 MGD that could operate at a higher recovery. Our team provided the design, permitting, construction oversight, and SCADA system implementation to DCU's membrane plant. We designed a dual membrane system array that could be operated as a single stage and double stage system, which could vary in recovery from 60% to 80%, depending on the type of water quality that entered the plant. A post-treatment system using forced draft degasification also designed and constructed for the facility. The facility was recently constructed and is operational.

Florida Atlantic University (FAU) Harbor Branch Oceanographic Institute (HBOI) Water and Sewer System Improvements, Fort Pierce, FL — Served as project engineer. Kimley-Horn performed civil engineering services for the campus master plan for FAU's HBOI campus. The project included an evaluation of the condition of the onsite wastewater transmission system that includes 16 lift stations and two wastewater treatment plants (WWTPs). A feasibility study was prepared to decommission the two WWTPs and upgrade the wastewater transmission system to connect to St. Lucie County. Kimley-Horn provided design and permitting services for the Phase 1 sanitary sewer infrastructure improvements. The project included the construction of approximately 1,000 feet of 6-inch force main to connect to a St. Lucie County Utilities force main located along the east side of US 1; the refurbishment of two lift stations, including new pumps, new electric panel, and odor control; and decommissioning of the Main Campus WWTP.

Miscellaneous Water/Wastewater Improvements, Beverly Beach, FL — Serving as project engineer on miscellaneous water and wastewater improvement projects in the Town of Beverly Beach. One project included the design of a remote storage and repump facility with disinfection that provided fire storage capacity and improved system pressures during peak demands. The facility provides remote filling of a storage tank during low system demands, and converts to a pumping mode to improve system pressures when system demands increase. The project was funded in part by USDA funds and provides a critical service to the residents in Beverly Beach.

Toral Shah, E.I.

Utility Design



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Martin County Utilities North Jensen Beach Floridan and Surficial Wells, Martin County, FL — JLA Geosciences, Inc., along with Kimley-Horn, developed Martin County's first Florida wellfield for their North Jensen Beach water treatment plant (WTP). Project services consisted of master planning, raw water main corridor study and design, water supply permitting, wellfield siting and development, and oversight of the construction of four deep Floridan wells. The project team provided design, permitting, and construction phase services for the Floridan supply wells which serve their brackish water, low pressure reverse osmosis (RO) WTP. The first two wells, RO-1 and RO-2, were drilled on the plant site and were designed to provide 1.7 MGD of capacity. Through improved well design and innovative drilling procedures which were specified, additional well capacity was achieved from the additional wells 3 and 4. In doing so, the cost of additional wells was significantly reduced. JLA, along with the Kimley-Horn team, also developed improvements to their 3.5-MGD shallow surficial wellfield which served their lime softening plant, of which treated water is blended with the RO plant product water. Our project team provided water use permitting, wetland monitoring, rehabilitation and abandonment of old wells, and planning for the shallow water wellfield.

North and South Plant Floridan Well Evolution and Rehabilitation, Indian River County, FL — Indian River County Utilities owns and operates 15 Floridan supply wells which are the raw water supply and source water for their regional reverse osmosis (RO) water treatment facilities (WTFs). The North Hobart WTF operates nine in-service Floridan production supply wells and the South Oslo Road WTF operates six production wells. These wells are the lifeblood of the treatment facilities and maintaining efficient operation of these wellfields is critical to the sustainability of the water system. JLA Geosciences, Inc., along with the Kimley-Horn team, is currently evaluating the performance of the wellfield and conducting field testing of their Floridan aquifer production wells in both the Hobart wellfield and Oslo wellfield, including field water quality and capacity testing. The project team is developing recommendations to improve efficiency of wells, define a comprehensive maintenance program, determine a rehabilitation program for wells not currently meeting performance, and developing improvements to the wellfield which will enhance future reliability and sustainability of their raw water supply.

Special Qualifications

- Computer software experience includes AutoCAD and Revit

Professional Credentials

- Bachelor of Science, Civil Engineering, Florida Atlantic University

Professional Organizations

- American Society of Civil Engineers (ASCE)
- Institute of Transportation Engineers (ITE)

Tom Farnan, P.E.

Structural Design



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4th Street Bridge Replacement Design and Permitting, Indian River County, FL

Project engineer. Indian River County selected Kimley-Horn to perform design survey, develop construction documents, and obtain permits to address the replacement of a two-lane vehicular bridge and a separate pedestrian bridge over Cooch Ditch. A box culvert was designed to replace both the existing structures, as well as accommodate the existing water main crossing in the vicinity. Extensive hydraulic alternative analyses were conducted to demonstrate flow capacity to IRFWCD. Due to the existing geometric conditions, significant improvements were necessary within the IRFWCD right-of-way to facilitate the proposed improvements.

SR 80 PD&E Study and Final Design, FDOT District Four — Bridge designer and lead structural engineer for team that provided design services for SR 80 from west of Haverhill Rd to east of I-95. Project included widening this section from 4 to 8 lanes and designing grade-separated interchanges at Military Trail and Haverhill Rd, widening one bridge, and replacing 4 bridges—all in a distance of only 4 miles. Bridges on the project consisted of five continuous steel plate girder bridges, two RC T-Beam bridges, and the widening of a PC/PS flat slab bridge. The project also included numerous permanent retaining wall systems and steel sheet pile bulkhead walls along the realignment of the C-51 Canal.

Oslo Road, Vero Beach, FL — Quality assurance/quality control engineer for one bridge located on the main sublateral canal. The bridge is a precast prestressed concrete flat slab.

Kings Highway Design and Construction, Vero Beach, FL — Quality assurance/quality control engineer on the Kimley-Horn team providing engineering design services for a new 4-lane, 4.5-mile stretch of Kings Highway. The project included the design of replacements for seven bridges along the corridor—located on the main relief canal and the main relief sublateral canal. All bridges were either two-span or three-span precast, prestressed concrete flat slabs.

Skypass Bridge, Port of Palm Beach, Riviera Beach, FL — Senior bridge design engineer responsible for the design and contract plans of the 102-foot by 1,900-foot, 13-span bridge. The project elevated US 1 over the Port of Palm Beach property to improve port operations. The bridge was constructed in two sections to maintain existing traffic. Design and contract plans were produced in less than nine months.

Dixie Highway Flyover Design-Build, Deerfield Beach, FL — Structural team leader for the design of a new roadway and bridge to connect Dixie Highway from north of Hillsboro Road along west side of FEC RR, over the FEC RR and Hillsboro Canal, and connecting into existing Dixie Highway north of Hillsboro Canal east of the FEC RR tracks. Lead bridge designer for all retaining walls, a 3-span vehicular bridge, a single-span, 218-ft long, steel box girder pedestrian bridge (both over the Hillsboro Canal), and all substructure designs for the main bridge consisting of eight spans of curved steel box girders. Project is a design-build with only seven months to completely design project and release to construction.

Special Qualifications

- Has 33 years of bridge design, construction, scour analysis, and inspection experience
- Particular experience with design of large, cast-in-place post-tensioned concrete box girder bridges, and steel-welded plate and box girders, along with precast prestressed bridges, precast prestressed and cast-in-place flat slab bridges, retaining walls, box culverts, and highway sign and signal structures
- Specializes in structural design, construction and maintenance, bridge scour analyses, and highway geometrics and design

Professional Credentials

- Bachelor of Science, Civil Engineering, Arizona State University
- Professional Engineer in Florida, California, Arizona, Colorado, and Texas
- TxDOT Pre-Certification
Categories: 3.4.1, 3.5.1, 3.6.1, 5.1.1, 5.2.1, 5.3.1, 5.4.1, 6.2.1

Moore Avenue Bridge, DeSoto County, FL — Project manager and design engineer for a 46-foot-long by 24-foot-wide cast-in-place “T-beam” bridge. Project contract plans were completed six weeks after notice to proceed.

Juanita Avenue Bridge, Programmatic Categorical Exclusion, St. Lucie County, FL — Structures project engineer. Kimley-Horn was responsible for completing the Programmatic Categorical Exclusion checklist and documentation for this Local Agency Program (LAP) funded project. The project included replacement of the Juanita Avenue Bridge of Taylor Creek and proposed sidewalk and drainage improvements along Juanita Avenue. The project involved delineation of wetlands, listed species surveys, coordination regarding Essential Fish Habitat and Manatees, and contamination evaluation in this urban corridor. Other services included completion of the documentation to demonstrate that the project impacts were minor and could meet the requirements to categorically exclude the project from the National Environmental Policy Act (NEPA). Documentation was submitted to the Florida Department of Transportation (FDOT) on behalf of the County for review.

Indian River County Administration Complex Bridge, Indian River County, FL — Served as structural engineer. Kimley-Horn served as a subconsultant for the design of new County access road and bridge over the main relief canal. The design of the bridge and the roadway as well as the connection was coordinated both with the Indian River County Staff and the City of Vero Beach. In addition, the project included close coordination and permitting through Indian River Farms Control District. The three span cast in place flat slab bridge was designed for ease of future expansion as well as easy modification for the expected widening of Aviation Blvd.

SR 80 Bridges, FDOT District Four — Lead bridge designer for seven steel girder bridges, two having main spans more than 240 feet. As part of our final design services for SR 80 (Southern Boulevard) in West Palm Beach, Kimley-Horn also provided complex engineering design and permitting services for the widening or replacing of several bridges over adjacent canals. Our scope of services included the design of all roadways, structures, traffic operations, right-of-way surveys, and permitting. Permits were required from SFWMD (environmental resource permit and right-of-way occupancy) and USACE.

Vero Beach Bridge Repairs, Vero Beach, FL — Served as project engineer on the Kimley-Horn team that performed inspections for and prepared contract documents for the repair of five City-owned concrete bridges. Elements included the repair of spalled and/or damaged concrete girders and piles, crack repair of bridge decks and substructure elements, and traffic railing upgrades/retrofits.

Gordy Road Bridge, St. Lucie County, FL — Structures project engineer for the rehabilitation of a multi-span single-lane timber bridge over Ten Mile Creek. Services included inspection of the existing bridge, developing retrofit and safety improvements to the decking, traffic railings, sidewalks and pedestrian railings along with slope protection at the approaches to the bridge.

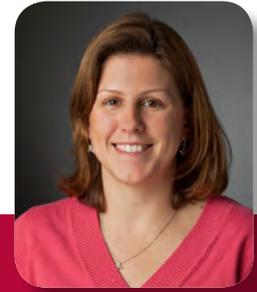
City of Sarasota, Wood Street Bridge Enhancements, Sarasota, FL — Project engineer for the Kimley-Horn team that provided design and construction phase services for renovations to the existing bridge to improve pedestrian crossing, meet ADA requirements, improve access, enhance safety, and improve aesthetics. The project included preparing conceptual designs and presentation to the City staff and neighborhood association. Upon selection of the alternative, construction plans were prepared and the project was bid and constructed. Key issues included budget considerations and balancing the aesthetic desires of the neighborhood with required standards.

Turnpike Mainline Widening from North of Sunrise Blvd. to Atlantic Blvd., Florida’s Turnpike Enterprise, Broward County, FL Lead structural engineer for two bridge widenings and two bridge replacements for this 6.5-mile widening project in Broward County. Also responsible for all the retaining walls and bulkhead walls along the project. This project is a fast paced combination of PD&E and design phases that includes the widening of the Florida’s Turnpike from six to eight lanes, three bridge widenings, two bridge replacements, and toll plaza modifications.

Sawgrass Widening PD&E Study, Florida’s Turnpike Enterprise, Broward and Palm Beach County, FL — Led structural design for more than six miles of noise walls for this project in Broward County. The project involved conducting a PD&E study for the widening of an eight-mile section of the expressway in Broward County. The key issue identified was noise impacts and mitigation of these impacts to adjacent homeowners. Location design acceptance was obtained in 12 months.

Jamea Long, P.E.

Structural Design



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St. Lucie Nuclear Plant Discharge Canal Bridge (aka SR A1A Bridge) Repairs and Rehabilitation, Jensen Beach, FL — Project engineer providing structural design services for the repair and rehabilitation of the SR A1A bridge over the Discharge Basin at the St. Lucie Nuclear Power Plant. The project includes the replacement of the existing superstructure, structural repairs of existing concrete pile caps and PC/PS concrete piles, zinc metalizing of the existing substructure, and the installation of concrete pile jackets with cathodic protection systems.

CR 712 (Midway Road) Design and Reconstruction, FDOT District Four — Serving as structural design engineer for the reconstruction of Midway Road from a two-lane, rural roadway to a four-lane, divided urban roadway from west of South 25th Street to east of SR 5 (US 1), for a length of two miles. The project includes replacement of the existing bridge over the North Fork of the St. Lucie River and will also include retaining walls, drainage ponds, signing, lighting, signalization, landscaping, irrigation, and wetland mitigation. The corridor is within a historic area and our design will consider right-of-way impacts, impacts to parks and schools, concerns of White City residents, access management changes, flooding and environmental concerns, 4(f) properties, utilities and, possibly, decorative lighting within the historic limits.

SR 80 PD&E Study and Final Design, FDOT District Four — Analyst responsible for design calculations and drawings for this new bridge construction. Project involved reconstruction of SR 80 from west of Haverhill Road to east of SR 9 (I-95). The project also included construction of urban interchanges at Haverhill Road and Military Trail, along with modifications to the existing interchange with SR 9 (I-95).

Royal Park Bridge Bridgehead and Approach Design, FDOT District Four
Responsible for design of retaining walls and contract drawings in park area on east and west sides of the bridge. In addition, was responsible for compiling the computation booklet for the structures portion of the job.

Sumter Boulevard Improvements, Phases II and III, North Port, FL — Engineer of Record responsible for design of bridge utilizing precast flat slabs with asphalt topping. Bridge also contains unique design feature of planters in the median and the use of a Texas Barrier Railing for aesthetics. Also structural task manager responsible for design and contract plans for an additional precast flat slab bridge. Our firm's services include providing engineering design services to widen the existing two-lane roadway to a four-lane roadway from the intersection of US 41 Tamiami Trail north to Heron Creek Boulevard.

Crosstown Bridge - C-24 Canal Bridges - Port St. Lucie, FL — Structural task manager responsible for two bridges crossing the C-24 Canal. The southerly bridge is the Crosstown Expressway over the C-24 Canal. This is a three-span bridge that uses chorded AASHTO Type III beams to account for curved roadway geometry. The northern bridge consists of AASHTO Type III beams with a concrete fascia beam to hang architectural elements on the bridge.

Special Qualifications

- Has 18 years of engineering experience
- Responsibilities include coordinating projects, performing calculations, coordinating plan preparation, and reviewing shop drawings
- Experience includes writing technical specifications and observing project construction

Professional Credentials

- Bachelor of Science, Civil Engineering, University of Florida
- Professional Engineer in Florida

Professional Organizations

- American Society of Civil Engineers (ASCE)

I-95/St. Lucie West Blvd. Interchange Widening and Reconstruction, Port St. Lucie, FL — Structural task manager responsible for design and plan preparation for a new bridge and a bridge widening. The existing two-lane, rural highway is to be reconstructed as a six-lane, urban highway section. The existing bridge utilizes AASHTO beams. The new bridge will sit next to the existing bridge and also utilizes AASHTO beams.

Kings Highway (SR 713) from Okeechobee Road (SR 70) to US 1 (SR 5) PD&E Study, FDOT District Four — Served as project engineer. Kimley-Horn performed a PD&E study to widen an existing two-lane roadway to a four- or six-lane divided roadway. This 10-mile project included all environmental and engineering reports necessary to evaluate alternative corridors and alternative alignments within the selected corridor. The project also included public information meetings and public workshops with local residents and elected officials. Additional services included the preparation of a detailed concept plan, right-of-way maps, and a pond siting report to determine additional right-of-way needs.

Bonnet Creek Resort, Orange County, FL — Responsible for design calculations and contract drawings for Bonnet Creek Bridge for the developer. Kimley-Horn provided the traffic impact analyses included in the DRI application for development approval for this resort/timeshare development. Additional services included roadway design for off-site improvements and an on-site bridge, as well as assessing direct site access opportunities with I-4.

Turnpike Mainline Widening from North of Sunrise Blvd. to Atlantic Blvd., Florida's Turnpike Enterprise, Broward County, FL Responsible for design calculations and contract drawings for two bridge widening projects in Broward County: Florida's Turnpike over SR 7 and NW 31st Street. Both of these bridges were composed of AASHTO beams with multi-column bents.

SunPass Challenge Projects, Florida's Turnpike Enterprise, Statewide, FL — Responsible for quality control and review of structural designs of various span sign, cantilever, and mast arm structures. Under our miscellaneous design contract, Kimley-Horn is fast-tracking the retrofitting of numerous toll plazas. Our services will include preparing contract plans and specifications under a Turnpike "no review" format. This means that the Turnpike will not conduct formal phase review of the plans during the course of design. Plans will be formally submitted for biddability only. The program entails the widening of roadways, construction of drainage, new signs, architectural revisions, and electrical/mechanical improvements to most of the existing toll plazas.

US 1 (Biscayne Boulevard) Over NE 203rd Street PD&E Study and Final Design, FDOT District Six, Miami-Dade County, FL Completed bridge railing design to be placed on retaining walls in order to alleviate obstructed views to local businesses as part of the design and engineering services for this project. Kimley-Horn provided design services to replace an existing at-grade intersection of SR 5/US 1 and NE 203rd Street in Miami-Dade County.

I-95 SunGuide Final Design, FDOT District Six, Miami-Dade County, FL — Assisted with revisions to design calculations for this 17-mile project along I-95 and other arterials in Miami-Dade County.

HEFT Widening PD&E Study, Final Design, and Permitting, Okeechobee Mainline Toll Plaza Florida's Turnpike Enterprise, Miami-Dade County, FL — Responsible for design calculations and drawings for two bridge widenings: HEFT over Maule Industries Road and Pennsuco Canal. Both of these bridges were AASHTO beam bridges utilizing inverted T caps supported on concrete piles.

SR 207 Design (includes bridges), FDOT District Two, Hastings, FL — Performed structural calculations for AASHTO Type II beam and responsible for contract plans. This roadway improvement involved an 800-foot bridge length replacement over Deep Creek and the redesign of the roadway drainage through the Town of Hastings, which experiences severe flooding during heavy rains.

I-95 HOV Lanes, FDOT District Four, Palm Beach County, FL — Responsible for bridge design calculations and contract drawings for bridge replacement on I-95 over Boynton (C-16) Canal in Palm Beach County. Also responsible for the structural design of the cantilever and butterfly sign structures along the corridor. Provided bridge design calculations and contract drawings for bridge widening of I-95 over SW 12th Avenue.

Eric Kleier, P.E.

Roadway Design



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Monterey Road Design, Martin County, FL — Serving as analyst on the Kimley-Horn team contracted by Martin County to expedite the design of approximately 1.5 miles of Monterey Road (SR 714). The improvement entailed designing a four-lane roadway that would be consistent with the approved PD&E study conducted by FDOT that was accepted by the Martin County Metropolitan Planning Organization. The nature of the work included roadway design, storm sewer design retention calculations, off-site drainage, coordination with the Martin County Airport Authority, landscaping design, and lighting design.

CR 707/Dixie Highway Roadway Improvements and Streetscape Design, Stuart, FL
Project engineer. Kimley-Horn prepared construction documents to support the development of the Rio Town Center Streetscape. The existing two-lane rural roadway was visualized to be reconstructed into a two-lane, divided urban corridor with on-street parking, a community featured roundabout to accommodate a future art installation, 10-foot-wide sidewalks along either side, landscaping/hardscape improvements, and street lighting. The corridor will serve as the backbone of the Rio Town Center master development plan. Consulting services included construction document development, agency permitting, public involvement workshops, coordination with franchise utility operators to support undergrounding of overhead utilities, and construction phase services. Roadway construction was completed in June 2012, and we are currently working on the design for the sidewalk improvements.

Kings Highway and Indrio Road Intersection Improvements, St. Lucie County, FL
Project engineer for Kimley-Horn team designing plans to widen the Kings Highway and Indrio Road Intersection geometry consistent with the Florida Department of Transportation Indrio Road PD&E buildout design. Design includes complete reconstruction of the intersection, implementation of a stormwater management system, assessment of impacts to a large canal, and signalization.

Streetscape for SR 60 and 58th Avenue, Indian River County, FL — Project engineer for the Kimley-Horn team that provided streetscape design services for this project that involved widening one of the most prominent intersections in Indian River County from four lanes to six lanes by adding turn lanes. The intersection involved is a high-profile one with limited right-of-way. Because of the limited right-of-way, streetscape and landscape opportunities were somewhat limited as well. A joint venture with private and public property owners was necessary to make improvements to the streets, which belong to both entities.

Aviation Boulevard Improvements (43rd Avenue to US 1), Vero Beach, FL — Serving as project engineer. Kimley-Horn is currently under contract with the City of Vero Beach to design the widening of Aviation Boulevard between 43rd Avenue and US 1. The scope of this work entails developing a typical section for a four-lane divided roadway, public involvement, roadway design, landscaping enhancements, and coordination with local property owners to include the Vero Beach Municipal Airport and Indian River Farms Water Control District. The permitting efforts for this project required coordination with FDOT, SJRWMD, FAA, Indian River Farms Water Control District, Indian River County, and the US Army Corps of Engineers. The design phase of this project will last about a year and a half, and construction is expected to begin immediately thereafter.

Special Qualifications

- More than 13 years experience as a civil engineer
- Experience in stream analysis using Hec-Ras
- Experience includes roadway geometric design, hydrologic and hydraulic analyses, and plans preparation

Professional Credentials

- Master of Science, Civil Engineering, University of Louisville, Speed Scientific School; Bachelor of Science, Civil Engineering, University of Louisville, Speed Scientific School
- Registered Professional Engineer in Florida

Professional Organizations

- American Society of Civil Engineers (ASCE)

Gatlin/Rosser/Import Drive, Port St. Lucie, FL — Member of the Kimley-Horn team providing roadway and drainage design services for this project, which consisted of the addition of auxiliary lanes and associated drainage improvements.

Pomeroy/SE Market Street, Stuart, FL — Member of Kimley-Horn team providing roadway design, drainage design, signalization design, landscape design, and permitting services for the widening of SE Market Street and new design of Pomeroy. The improvement entailed widening an existing two-lane, rural roadway to a three-lane, urban roadway with auxiliary lanes and designing a four-lane, divided suburban roadway approximately one mile in length from US 1 to Willoughby Boulevard. The intersection of US 1, Pomeroy, and SE Market Street was signalized. The challenge of this project was routing drainage through existing residential and municipally-owned systems, minimizing impacts, and discharging to an existing canal.

North 13th Street Phases I through III, Fort Pierce, FL — Member of the Kimley-Horn team providing roadway and drainage design services for this project under our general services contract with the City of Fort Pierce.

Sumter Boulevard Improvements, Phases II and III, North Port, FL — Serving as project analyst responsible for roadway design. Our services include providing engineering design services to widen the existing two-lane roadway to a four-lane roadway. Other services include signalization, new bridge design, enhancement of bicycle and pedestrian features along the corridor, stormwater management, utility relocation, and intersection improvements. We conducted public meetings with the residents to obtain their input and incorporated the public's needs into our engineering analyses (considering public safety and a host of other issues) to develop a conceptual plan with various alternatives for access management, pedestrian facilities, stormwater management, and noise abatement.

Municipal Service Benefit Unit (MSBU) Evaluation of Hibiscus Park, Fort Pierce, FL — Served as project engineer for the Kimley-Horn team that provided professional consultant services to support the preparation of preliminary exhibits, specifications, cost estimates, an assessment plat, and tentative apportioning of estimated costs associated with contemplated improvements within the Hibiscus Park area in Fort Pierce. The approximate Park limits are from Georgia Avenue to the north, Mississippi Avenue to the south, 13th Street to the west, and Beach Court to the east.

Resorts World Miami (former Miami Herald site), Miami, FL — Serving as engineer. Kimley-Horn is providing site/civil engineering, environmental, and ongoing traffic engineering services for the 14-acre bayfront site that previously housed the Miami Herald newspaper at 1 Herald Plaza in Miami. The proposed project includes four new hotels with more than 5,000 rooms and two residential towers featuring up to 1,000 units; a luxury retail Galleria; a 3.6-acre rooftop lagoon and natural sand beach; more than 50 restaurants, lounges, bars, and nightclubs; a high-tech multimedia entertainment area showcasing the music and culture of Florida and South America; and 700,000 square feet of convention and meeting space. The resort will help develop the three-mile BayWalk, which highlights a 150-acre leisure and entertainment area in downtown Miami. Team tasks include due diligence, parking studies, underground utility design, preparation of a Special Area Plan (SAP) traffic study consistent with City of Miami 21 Zoning Code, environmental site assessment and potential remediation planning, including contaminant delineation, water quality evaluation, and quarterly groundwater monitoring.

Wellington View, Wellington, FL — Served as project engineer for this residential development on approximately 80 acres in Wellington. Kimley-Horn provided full design services for this premier community, including civil engineering design, permitting, off-site roadway improvements, permit and bond tracking, mass grading, and lake development plans.

Kissimmee CRA Design-Build Consultant - Lakefront Redevelopment, Kissimmee, FL — Project engineer on the Kimley-Horn team selected as part of a design-build team to provide roadway design, landscape architecture, utility improvements, permitting, and construction implementation assistance associated with the redevelopment of Ruby Avenue, Monument Avenue, Dakin Avenue, and Sproule Avenue. Tasks include site visits/observation for plant material installation, revising landscape plans, and preparing schematic design/models.

Ryan Catarelli, E.I.

Roadway Design



Kimley-Horn Vero Beach Office
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Martin County Continuing Transportation Engineering Services 2011, Martin County, FL

Serving as project analyst. In 2011, Kimley-Horn was selected by the Martin County Board of County Commissioners for a continuing service contract for engineering services related to transportation design and studies. Our services include roadway design, signal design, bridge design, traffic studies, and streetscaping. Specific work orders under this contract include:

Bridge Road Corridor Improvements, Hobe Sound, FL. Kimley-Horn evaluated corridor improvements along the Bridge Road between US 1 and SR A1A. The Bridge Road corridor is a commercial corridor in the Hobe Sound CRA. The corridor improvements included urban streetscape design elements, parking alternative configuration evaluations, evaluations relative to undergrounding the existing franchise utility services, development of illustrative concept plans, construction cost estimating, and public workshop presentations. Based on the community's positive response to the conceptual corridor plans, this project is scheduled to move into construction document development in 2012.

Bridge Road Design, Hobe Sound, FL. With the evaluation of the Bridge Road corridor complete, Kimley-Horn is now working on the roadway and drainage design and permitting elements of this project.

Railroad Avenue Improvements, Stuart, FL. After designing improvements for this roadway in Stuart, Kimley-Horn is currently providing post design services.

CR 707/Dixie Highway Roadway Improvements and Streetscape Design, Stuart, FL
Serving as project analyst. Kimley-Horn prepared construction documents to support the development of the Rio Town Center Streetscape. The existing two-lane rural roadway was visualized to be reconstructed into a two-lane, divided urban corridor with on-street parking, a community featured roundabout to accommodate a future art installation, 10-foot-wide sidewalks along either side, landscaping/hardscape improvements, and street lighting. The corridor will serve as the backbone of the Rio Town Center master development plan. Consulting services included construction document development, agency permitting, public involvement workshops, coordination with franchise utility operators to support undergrounding of overhead utilities, and construction phase services. Roadway construction was completed in June 2012, and we are currently working on the design for the sidewalk improvements.

Kings Highway and Indrio Road Intersection Improvements, St. Lucie County, FL
Serving as project analyst for the Kimley-Horn team designing plans to widen the Kings Highway and Indrio Road Intersection geometry consistent with the FDOT Indrio Road PD&E buildout design. Design includes complete reconstruction of the intersection, implementation of a stormwater management system, assessment of impacts to a large canal, and signalization.

Kings Highway/Angle Road Intersection Improvements, St. Lucie County, FL —

Professional Credentials

- Bachelor of Science, Civil Engineering, University of Florida
- Engineering Intern in Florida
- Chi Epsilon (Civil Engineering Honor Society)

Serving as project analyst on the Kimley-Horn team that is providing roadway design for the intersection of Kings Highway and Angle Road in St. Lucie.

21st Street Sidewalk Project, Fort Pierce, FL — Serving as analyst. Kimley-Horn was selected in 2012 to provide engineering services for various projects for the City of Fort Pierce. Our first assignment under this contract is the 21st Street Sidewalk project. Tasks include preparation of construction documents and signing/marketing plans.

Victoria Gardens Boulevard Sidewalk Feasibility Study, Port Orange, FL — Served as project analyst. The Victoria Gardens Boulevard Sidewalk Feasibility Study was a Volusia Transportation Planning Organization (VTPO) 2011 prioritized XU Bicycle/Pedestrian project requested by the City of Port Orange. The purpose of this project was to conduct a limited corridor study to assess the feasibility of providing a minimum five-foot-wide concrete sidewalk extending approximately 1,600 feet along the east side of Victoria Gardens Boulevard to provide a safe alternative for school-aged children. The study focused on identifying the width of the path and its location in an effort to design a cost-effective path that fit within the existing right-of-way. Kimley-Horn provided a feasibility study that incorporated specific design features in compliance with the existing conditions of the study area. This project was completed under our Continuing Feasibility Studies contract with VTPO.

McDonald Road Sidewalk Feasibility Study, Port Orange, FL — Served as project analyst and assisted with data collection, development of concept plans, cost estimates, and production of the final report. This feasibility study was one of several approved projects through Local Agency Program (LAP) agreements with the Florida Department of Transportation (FDOT) relating to pedestrian and bikeway improvements within local municipalities. Kimley-Horn completed this project under our Continuing Feasibility Studies contract with the Volusia Transportation Planning Organization (VTPO).

Kissimmee CRA Lakefront Phase II Streetscape Project, Kissimmee, FL — Serves as analyst on the Kimley-Horn team selected as part of a design-build team to provide roadway design, landscape architecture, utility improvements (including a regional stormwater facility study), permitting, and construction phase assistance associated with the redevelopment of Kissimmee's lakefront.

Municipal Service Benefit Unit (MSBU) Evaluation of Hibiscus Park, Fort Pierce, FL — Served as project analyst for the Kimley-Horn team that provided professional consultant services to support the preparation of preliminary exhibits, specifications, cost estimates, an assessment plat, and tentative apportioning of estimated costs associated with contemplated improvements within the Hibiscus Park area in Fort Pierce. The approximate Park limits are from Georgia Avenue to the north, Mississippi Avenue to the south, 13th Street to the west, and Beach Court to the east.

Walmart Stores, Statewide, FL — Analyst on the Kimley-Horn team providing design, permitting, and construction phase services for various Walmart stores throughout Florida, including sites in Jupiter, Davie, North Lauderdale, Delray Beach, Hollywood, Miami Gardens, and Miami. Specific tasks include on-site permitting, preparation of off-site plans and/or record documents, and traffic/signal permitting.

City of Kissimmee Regional Stormwater Management Facility (RSMF) Siting Analysis, Kissimmee, FL — Analyst on the Kimley-Horn team that was retained by the City of Kissimmee to prepare a Regional Stormwater Management Facility Study (RSMF). The study was a pilot project to plan, construct, and operate regionally located stormwater management facilities that will provide water quality improvements to the stormwater runoff prior to discharging into Lake Toho. The scope of work within the study included conducting a hydrodynamic analysis of the existing stormwater collection/conveyance systems, identifying sites to be included within the analysis, updating the hydrodynamic analysis of the existing stormwater collection/conveyance systems to evaluate the effects associates with the RSMF sites, preparing an alternative RSMF site evaluation metric, and providing a recommendation as to the preferred RSMF site.

Palm Beach Mall, West Palm Beach, FL — Serving as analyst for the Kimley-Horn team that is providing site civil engineering services for this retail project. Tasks include roadway and drainage design, permitting, and signing/marketing plans.

Michael Forman, E.I.

Drainage Design/Studies



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Aviation Boulevard Improvements (43rd Avenue to US 1), Vero Beach, FL — Serving as civil analyst. Kimley-Horn is currently under contract with the City of Vero Beach to design the widening of Aviation Boulevard between 43rd Avenue and US 1. The scope of this work entails developing a typical section for a four-lane divided roadway, public involvement, roadway design, landscaping enhancements, and coordination with local property owners to include the Vero Beach Municipal Airport and Indian River Farms Water Control District. The permitting efforts for this project required coordination with FDOT, SJRWMD, FAA, Indian River Farms Water Control District, Indian River County, and the US Army Corps of Engineers. The design phase of this project will last about a year and a half, and construction is expected to begin immediately thereafter.

Kings Highway/Angle Road Intersection Improvements, St. Lucie County, FL — Civil analyst on the Kimley-Horn team that provided roadway design for the intersection of Kings Highway and Angle Road in St. Lucie.

Walmart Stores, Statewide, FL — Analyst on the Kimley-Horn team providing design, permitting, and construction phase services for various Walmart stores throughout Florida, including sites in Hollywood, Miramar, Davie, Delray Beach, and Miami. Specific tasks include on-site permitting, preparation of off-site plans, and traffic/signal permitting.

Continuing Engineering Services, Fort Pierce, FL — Serving as analyst. Kimley-Horn was selected in 2012 to provide engineering services for various projects for the City of Fort Pierce. Specific projects include:

21st Street Sidewalk Project. Tasks for this project include preparation of construction documents and signing/marketing plans.

Heathcote Gardens. This project entails preparation of a specification package. Other tasks include site visit, plan revisions, and plans for a pedestrian bridge.

Professional Credentials

- Bachelor, Civil Engineering, Florida State University
- Engineering Intern in Florida

Dave Woodward, RLA

Landscape Architect



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Monterey Road Design, Martin County, FL — Landscape architect on the Kimley-Horn team contracted by Martin County to expedite the design of approximately 1.5 miles of Monterey Road (SR 714). The improvement entailed designing a four-lane roadway that would be consistent with the approved PD&E study conducted by the FDOT that was accepted by the Martin County Metropolitan Planning Organization. The nature of the work included roadway design, storm sewer design retention calculations, offsite drainage, coordination with the Martin County Airport Authority, landscaping design, and lighting design.

Participatory Fountain at Indian Riverside Park, Jensen Beach, FL — Project manager and landscape architect for this participatory fountain project. Kimley-Horn provided schematic design, civil and landscape architectural design, construction documentation, permitting, and management services. The firm was also responsible for coordination with the citizens art advisory board and various subconsultants.

Indian River County Administration Complex, Vero Beach, FL — Landscape architect for the new 165,000-square-foot, 14-department County administration complex situated on 7.60 acres. Services included relocation of numerous large live oak trees, hardscape design of plaza and pedestrian amenities, and main street design so the street can be closed for art shows and special events. In addition, Kimley-Horn designed the new County access road and bridge over the main relief canal from Aviation Boulevard.

South County Community Park, Hobe Sound, FL — Provided landscape architectural services for this 25-acre park located on a natural sand ridge. The site topography, which is unusual for this area, has 15 feet of grade change across the site. The park was designed with fields at different finished grades and parking areas were adjusted to slope naturally with the topography to reach a natural cut-and-fill balance. Six acres of existing sand pine vegetation were preserved. Other services included master plan development including consensus building, land planning, engineering, and landscape architectural design.

Entrada Avenue Beautification, St. Lucie County, FL — Project manager working on a landscape and irrigation project for a .75-mile section of median between US 1 and Entrada Avenue. This section of roadway is a frontage road serving a predominately residential neighborhood. The design of this landscape beautification project emphasizes native, low-maintenance landscape material and provides a visual buffer for the residential properties adjacent to the highway.

Jupiter Beach/A1A Recreation Corridor, Jupiter, FL — Landscape architect for this three-mile stretch of scenic beachfront roadway. Project enhancements include designated bicycle lanes on both sides of the right-of-way, pedestrian walkways with ocean lookout points, refurbished and enhanced landscaping, and beach portals adjacent to dune walkovers. Extensive coordination with the Town of Jupiter, the Beach Enhancement Committee, and Palm Beach County was necessary to obtain approval for all enhancements.

Special Qualifications

- Has 29 years of experience in landscape architecture and land planning
- Project management responsibilities include detailed land planning and landscape design for roadway, residential, multi-use, and corporate sites; urban and suburban streetscape master planning; hardscape design; landscape construction documents; and construction administration

Professional Credentials

- Bachelor of Landscape Architecture, University of Florida
- Landscape Architect in Florida and North Carolina

Professional Organizations

- American Society of Landscape Architects (ASLA)
- International Council of Shopping Centers

SR A1A Median Landscape Project, Vero Beach, FL — Landscape architect. Kimley-Horn prepared landscape, irrigation, and roadway plans for this 3,500-linear-foot section of SR A1A funded by both a Florida Department of Transportation (FDOT) local agency plan grant and the City of Vero Beach. The existing road was a two-lane road with a continuous center turn lane that only had three road intersections along the west side. Kimley-Horn redesigned and permitted the incorporation of a raised landscape median and directional turn lanes through FDOT. Kimley-Horn also worked closely with the City to establish a low-maintenance plant palette and specifications for irrigation for the project, in addition to conformance with FDOT design criteria for trees of small calipers due to the median width. Decorative pavers were incorporated into the design of the medians to provide a refuge for City maintenance crews, as well as enhance the aesthetics of the project.

SR 5/US 1 Improvements, FDOT District Four — Provided landscape architectural services for four miles of SR 5/US 1 in St. Lucie County. Design included mass plantings along the roadsides and median. Special consideration was given to slope stabilization during design due to coastal sand ridge conditions.

Palmetto Park Road Beautification, Boca Raton, FL — Project landscape architect for this three-mile improvement project completed in seven months (ahead of schedule). The project included new storm drainage; the undergrounding of one-half mile of FPL overhead lines; new curb, gutter, and sidewalk; milling and resurfacing of the roadway; new water and sanitary mains; reuse water lines; irrigation system; streetscape elements; and FDOT permitting. Maintaining access to businesses during construction was a key concern.

Streetscape for SR 60 and 58th Avenue, Indian River County, FL — Landscape architect for the Kimley-Horn team that provided streetscape design services for this project that involved widening one of the most prominent intersections in Indian River County from four lanes to six lanes by adding turn lanes. The intersection involved is a high-profile one with limited right-of-way. Because of the limited right-of-way, streetscape and landscape opportunities were somewhat limited as well. A joint venture with private and public property owners was necessary to make improvements to the streets, which belong to both entities.

Aviation Boulevard Improvements (43rd Avenue to US 1), Vero Beach, FL — Serving as landscape architect for the development of landscape plans for the design to widen Aviation Boulevard between 43rd Avenue and US 1. The scope of this work entails developing a typical section for a four-lane divided roadway, public involvement, roadway design, landscaping enhancements, and coordination with local property owners to include the Vero Beach Municipal Airport and Indian River Farms Water Control District.

Port St. Lucie Civic Center, Parking Garage, and City Plaza, Port St. Lucie, FL — Project manager for landscape, hardscape, and irrigation design for the City of Port St. Lucie's \$25-million new civic center located in City Center. Project included design of a three-acre urban plaza in front of the civic center consisting of an elaborate brick paver design, outdoor seating and eating areas, vehicular drop-off areas, landscape uplighting and pedestrian lighting, flag court, lakeside terrace, and selection and location placement of all site furnishings.

Florida Inland Navigation District (FIND) M-5 Spoil Management Area, Stuart, FL — Landscape Architect. Kimley-Horn prepared landscaping plans, including exotic vegetation removal plans, for the M-5 site and provided construction observation in 2000. The objective of this project was to remove exotic vegetation and provide a native landscape buffer to shield the spoil management area. The hurricanes in 2004 severely damaged the landscaping and Kimley-Horn has recently completed 100% landscaping plans for the area and will provide construction phase services.

Savannas Recreation Area, North and South Trail Greenway Connector, St. Lucie County, FL — Project manager for the Kimley-Horn team retained to research the viability of developing a trail connecting the Savannas State Preserve, south of Midway Road, to Savanna Road/Heathcote Botanical Garden. The trail connection consisted of two parts: the northern trail connector that commences at the north end of the developed section of the park and continues north approximately 9,900 linear feet along the existing canal bank; and the southern trail connection that commences at the Midway Road entrance and continues west along the Midway Road right-of-way approximately 320 linear feet. The trail then crosses Midway Road to connect with the Savannas State Preserve.

Matthew Franko

Landscape Architecture



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Martin County Continuing Transportation Engineering Services 2011, Martin County, FL — In 2011, Kimley-Horn was selected by the Martin County Board of County Commissioners for a continuing service contract for engineering services related to transportation design and studies. Our services include roadway design, signal design, bridge design, traffic studies, and streetscaping. Specific work orders under this contract include:

Bridge Road Corridor Improvements, Hobe Sound, FL. Kimley-Horn evaluated corridor improvements along the Bridge Road between US 1 and SR A1A. The Bridge Road corridor is a commercial corridor in the Hobe Sound CRA. The corridor improvements included urban streetscape design elements, parking alternative configuration evaluations, evaluations relative to undergrounding the existing franchise utility services, development of illustrative concept plans, construction cost estimating, and public workshop presentations. Based on the community's positive response to the conceptual corridor plans, this project is scheduled to move into construction document development in 2012.

Bridge Road Design, Hobe Sound, FL. With the evaluation of the Bridge Road corridor complete, Kimley-Horn is now working on the roadway and drainage design and permitting elements of this project.

Kissimmee Community Redevelopment Agency (CRA) Streetscape Projects, Kissimmee, FL — Member of the Kimley-Horn team selected as part of a design-build team to provide roadway design, landscape architecture, utility improvements, permitting, and construction implementation assistance associated with the redevelopment of Ruby Avenue, Monument Avenue, Dakin Avenue, and Sproule Avenue. Services included evaluating alternative parking configurations within a defined roadway right-of-way and determining a balance between pedestrian accommodations and vehicular facilities. Kimley-Horn will design and permit all improvements in the CRA and Burkhardt Construction will construct the improvements.

Kissimmee CRA Design-Build Consultant - Lakefront Redevelopment, Kissimmee, FL Member of the Kimley-Horn team providing roadway improvements and site civil improvements for the Lakefront Park Redevelopment Master Plan. The scope of services includes roadway design, drainage design, signing and pavement markings plans, lighting design, landscape design, hardscape design, planning, environmental consulting and permitting, and utility design for the roadway improvements within the Lakefront Park Redevelopment. The project also includes site civil construction documents, utility design, and structural design to support the implementation of the approved Lakefront Park Redevelopment Master Plan Phase II Improvements.

Special Qualifications

- Versed in AutoCAD
- Field assistance identifying plant material, overseeing construction, and taking field measurements
- Work experience with landscape architecture construction documents and meeting county landscaping requirements
- Software experience includes ArcGIS and AutoCAD

Professional Credentials

- Bachelor of Arts, Environmental Studies, Rollins College
- Master of Landscape Architecture, University of Florida

Stewart Robertson, P.E.

Traffic Studies/Analysis



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2035 Martin/St. Lucie Regional Long-Range Transportation Plan (RLRTP), Martin and St. Lucie Counties, FL — Served as project manager. Kimley-Horn served as the technical consultant to the Treasure Coast Regional Planning Council (TCRPC) for preparation of the 2035 Martin-St. Lucie LRTP. Kimley-Horn's responsibilities included developing socioeconomic data, travel demand modeling, Needs Plan development, financial resources analysis, and developing the Cost Feasible Plan (CFP). Our staff frequently gave presentations at project steering committee meetings, Metropolitan Planning Organization (MPO) committee meetings, and MPO Board meetings. Kimley-Horn's responsibilities also included developing the 2035 Transit Network and the 2035 Pedestrian, Bicycle, and Greenways Network. Kimley-Horn's recommendations included flexing future transportation revenue that is typically used for roadway construction in favor of transit, non-motorized transportation, and livable communities initiatives.

On-Call Transportation, Martin County Metropolitan Planning Organization (MPO), FL Serving as project manager. Kimley-Horn was selected in 2012 to provide on-call transportation planning services for the Martin County Metropolitan Planning Organization (MPO). Kimley-Horn's first task order was to assist the Martin County MPO with their federal certification review. The project scope has included assistance with the preparation of responses to Federal Highway Administration (FHWA) certification review questions, organizing the certification review public meeting, and attendance at meetings to provide guidance regarding the Long Range Transportation Plan (LRTP) development, regional coordination, and environmental documentation.

Martin Metropolitan Planning Organization (MPO) Park-and-Ride Study, Martin County, FL — Provided project management and transportation planning services. Kimley-Horn conducted a park-and-ride study for the Martin MPO to identify potential locations for park-and-ride sites and evaluate the parking demand for park-and-ride facilities in Martin County. Services include researching commuter travel patterns in Martin and neighboring counties, distributing a mail-back park-and-ride survey at major commuting intersections around the County, and estimating the size of potential park-and-ride lots based on demand. In addition, Kimley-Horn researched the potential to provide shared park-and-ride arrangements at existing parking lots in Martin County, and identified sample shared parking agreements between transportation agencies and private parking lots owners in other metropolitan areas.

St. Lucie Transportation Planning Organization FY 2008/2009 - 2009/2010 Unified Planning Work Program (UPWP), St. Lucie County, FL — Project manager. Kimley-Horn assisted the St. Lucie TPO with preparing its FY 2008/2009 to FY 2009/2010 Unified Planning Work Program (UPWP). The UPWP identifies federal, state, and local funds available for transportation planning activities and provides a description of planning tasks that will be undertaken by the TPO in the next two fiscal years. This was the first UPWP to be completed under the new two-year format. Kimley-Horn worked seamlessly with TPO staff to identify planning activities for the upcoming two fiscal years. Kimley-Horn also coordinated with staff from FDOT, Martin Metropolitan Planning Organization (MPO), and Indian River MPO to satisfy regional coordination needs.

Special Qualifications

- Has 15 years of experience specializing in transportation engineering, with an emphasis in multimodal planning and design including bicycle/pedestrian mobility and accessibility.
- Experience includes multimodal master planning, transit studies, transit corridor studies, transit ITS implementation, intersection capacity analysis, safety studies, travel demand analysis, bicycle corridor studies, bicycle network plans, and geographic information systems.

Professional Credentials

- Master of Science, Civil Engineering, University of Kentucky; Bachelor of Science, Civil Engineering, University of Kentucky
- Professional Engineer in Florida

Professional Organizations

- American Society of Civil Engineers (ASCE)
- Institute of Transportation Engineers (ITE)
- National Society of Professional Engineers (NSPE)

St. Lucie Transportation Planning Organization (TPO) General Transportation Planning Consultant Contract, St. Lucie County, FL — Serving as project manager for this contract. Kimley-Horn has served as the general transportation planning consultant for the St. Lucie Transportation Planning Organization (TPO) since 2004. Over this course of time, Kimley-Horn has been selected two separate times for four-year contracts with the TPO. Project have included short- and long-range transportation planning, transportation modeling and analyses, traffic data collection and engineering and operational studies, transit and intermodal planning, public involvement activities, plan and development reviews, and project planning and special studies and activities. Projects have included a park-and-ride study, transit development plan major update, transit ridership study, and 2010 congestion management process major update.

Lennard Road PD&E Study, St. Lucie County, FL — Served as project manager and traffic engineer. Provided travel demand and traffic engineering services for a PD&E study that examined extending Lennard Road from its current terminus to US 1 in southeastern St. Lucie County. Duties included performing transportation demand analysis using FSUTMS models, developing project traffic forecasting alternatives, performing intersection capacity analysis, evaluating traffic impacts of roadway alternatives, and developing public presentation material for public hearing.

General On-Call Traffic Engineering Services, Fort Lauderdale, FL — Project engineer for general traffic engineering and transportation planning services as part of an on-call contract with the City. Kimley-Horn serves as an extension of the City of Fort Lauderdale staff reviewing traffic impact studies and parking analyses. Projects to date have included peer review of traffic impact and parking studies, site plan review, and representation at public hearings. Additional projects have included development of a corridor study to support lane reductions along SR A1A and development of a Greenways Plan to complement multimodal transportation options within the corridor.

Highway and Systems General Transportation Planning Consultant, Indian River County, FL — Project engineer for highway and systems general transportation planning consultant contract for the Indian River County Metropolitan Planning Organization. Areas of responsibility under this contract include public involvement activities, comprehensive plan and analysis reviews, congestion management system updates, short- and long-range transportation planning/corridor analyses and sub-area analyses, transportation model calibration and sub-area modeling, and traffic engineering and operational studies.

Lake Worth Streetscape Design-Build (includes 10th Avenue North/6th Avenue South Enhancement Project), Lake Worth, FL Provided traffic engineering services for this streetscape project in Lake Worth. The project extended from I-95 to Dixie Highway along 6th Avenue and 10th Avenue. This was part of an effort by the Community Redevelopment Agency (CRA) to improve major roads in their community. Kimley-Horn teamed with Burkhardt Construction, Inc., on this design/build project.

Village of Biscayne Park Comprehensive Traffic Study, Biscayne Park, FL — Provided traffic engineering services for a study that developed a comprehensive traffic improvement strategy for the Village of Biscayne Park. Duties included traffic data collection, evaluating traffic flow alternatives, and preparing reports. The analysis of traffic data for the Village of Biscayne Park demonstrated that traffic volumes on several streets exceed livability thresholds established in the Miami-Dade Neighborhood Traffic Management Program. A proposed traffic plan was developed that includes a one-way conversion, median extension, channelization improvements, traffic circles, lane width reductions, landscaped entry features, and speed limit reductions. Three projects were implemented as initial improvements on a trial basis using temporary traffic control devices after receiving approval from Miami-Dade County Public Works Department. Other projects are recommended to be phased in over time.

Miami-Dade MPO Local Municipal Transit Circulator Policy Study, Miami-Dade County, FL — Provided transportation planning services for study to develop guidelines and procedures for establishing local transit circulator services in Miami-Dade County including recommendations in terms of physical environment and service characteristics. Duties included data collection for existing transit circulators including service characteristics and socioeconomic conditions, assisting in development of survey for municipal officials, analyzing data, evaluating guidelines for transit circulator implementation and monitoring, and assisting in writing reports.

Lynn Kiefer

Environmental Permitting



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Florida Atlantic University (FAU) Harbor Branch Oceanographic Institute (HBOI) Water and Sewer System Improvements, Fort Pierce, FL — Served as environmental scientist. Kimley-Horn performed civil engineering services for the campus master plan for FAU's HBOI campus. The project included an evaluation of the condition of the onsite wastewater transmission system that includes 16 lift stations and two wastewater treatment plants (WWTPs). A feasibility study was prepared to decommission the two WWTPs and upgrade the wastewater transmission system to connect to St. Lucie County. Kimley-Horn provided design and permitting services for the Phase 1 Sanitary Sewer Infrastructure Improvements. The project included the construction of approximately 1,000 feet of 6-inch force main to connect to a St. Lucie County Utilities force main located along the east side of US 1; the refurbishment of two lift stations, including new pumps, new electric panel, and odor control; and decommissioning of the Main Campus WWTP.

Martin County Utilities Tropical Farms Wetland Monitoring, Martin County, FL Served as project manager for the wetland monitoring for the Consumptive Use Permits associated with the Tropical Farms Water Treatment Plant. Also responsible for the consultant oversight for the North County Water Treatment Plant wetland monitoring and Haney-Tilton wetland enhancement project. Responsible for overseeing the monitoring and annual compliance report submittals.

Continuing Environmental Services Contract, St. Lucie County, FL — Project manager of the Kimley-Horn team responsible for conducting Phase I environmental assessments for County land acquisitions as part of an on-call environmental services contract for St. Lucie County.

Phase I Environmental Site Assessments (ESAs), Various Locations, FL Environmental scientist responsible for conducting Phase I ESAs throughout Florida. Phase I ESAs were conducted as part of the due diligence for various proposed site purchases and developments. Phase I ESAs were conducted in Indian River, St. Lucie, Sarasota, Orange, Brevard, Martin, Palm Beach, Broward, Dade, Lee, Osceola, Hillsborough, and Polk counties.

Type I and Programmatic Categorical Exclusions for Minor Projects, Various Locations, FL — Environmental scientist responsible for the reviews for more than 40 minor projects for both the Florida Department of Transportation and several municipalities, including St. Lucie County, City of Kissimmee, and City of Plantation. The projects varied and included tasks such as sidewalk improvements, streetscape improvements, bus tram stations, and bridge replacement.

Sam's Club Environmental Services, Cocoa, FL — Environmental scientist. Kimley-Horn was responsible for all site civil design and permitting and all environmental services for this proposed Sam's Club in the City of Cocoa. Environmental services included native community identification, wetland jurisdictional delineation, and permitting with the City of Cocoa, St. Johns River Water Management District (SJRWMD), and the U.S. Army Corps of Engineers (USACE). Permitting included detailed alternatives analysis and negotiation

Special Qualifications

- Has 23 years of experience conducting environmental studies and coordinating environmental permits related to transportation projects
- Extensive experience working with the U.S. Army Corps of Engineers (USACE), state permitting agencies, Florida Department of Environmental Protection (FDEP), and water management districts
- Has performed numerous Phase 1 environmental site assessments, endangered and threatened species coordination and/or surveys, and environmental analyses (including freshwater ecosystems, marine ecosystems, and terrestrial habitats)

Professional Credentials

- Master of Science, Coastal Zone Management/Oceanography, Florida Institute of Technology;
- Bachelor of Science, Marine Biology, Auburn University
- U.S. Army Corps of Engineers Wetland Delineator Certification (Jacksonville District)
- Gopher Tortoise Agent (Permit No. GTA-10-00008)
- Hazardous Materials Health and Safety Certification, Occupational Safety and Health Administration
- FDOT PD&E Manual Training

Professional Organizations

- Florida Ornithological Society
- Society of Wetland Scientists

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on a suitable mitigation plan. We prepared wetland assessments using Florida's Unified Mitigation Assessment Methodology (UMAM), and prepared plans and negotiated mitigation conditions for the project, including design of protective buffer zones, hydrologic barrier design, and site design alternatives. Mitigation plans included purchase of mitigation credits from an approved mitigation bank, as well as design of an on-site mitigation plan, including planting plan, monitoring plan, and protection plan of the natural resource. Preliminary protected species surveys were conducted, including a gopher tortoise survey. Results of all surveys were included within a natural resources assessment report and the required permitting documents. The project is ongoing.

Lake Jackson Ecopassage Feasibility Study, Leon County, FL — Environmental task manager responsible for the feasibility and PD&E studies for the internationally-recognized Lake Jackson Ecopassage project. Responsible for the natural resource data collection, evaluation, and feasibility report preparation for this award-winning feasibility study. After successfully completing the award-winning Lake Jackson Ecopassage Feasibility Study in 2004, Kimley-Horn was selected in 2006 to perform a PD&E study for the Lake Jackson Ecopassage. The environmental analysis included preparation of a Wetland Evaluation report and an Endangered Species Biological Assessment Technical Memorandum.

C-12 Linear Park, Type I Categorical Exclusion, Plantation, FL — Served as project manager. Kimley-Horn completed the Type I categorical exclusion and National Environmental Policy Act (NEPA) checklist reviews for this Local Agency Program funded linear park along the C-12 Canal. The services involved evaluating the site for wetlands, listed species and contamination involvement, and completing the documentation to demonstrate that the project impacts were minor and could meet the requirements to categorically exclude the project from NEPA. Documentation was submitted to the Florida Department of Transportation on behalf of the City for review.

Disney's Vero Beach Resort, Vero Beach, FL — Prepared applications and obtained environmental permits for the Disney Beach Resort in Vero Beach. This permitting included coordination with the U.S. Fish and Wildlife Service and the Florida Game and Freshwater Fish Commission for potential impacts to southeastern beach mouse habitat and sea turtles. Prepared applications and coordinated the issuance of coastal construction control line permits from Florida Department of Environmental Protection (FDEP) for beachfront structures and dune crossovers. Responsible for construction observation of coastal construction activities and preparation of monthly progress reports to FDEP.

St. Lucie County Mosquito Control and Coastal Management On-Call Services, Port. St. Lucie, FL — Under the terms of this continuing services contract with St. Lucie County Mosquito Control, Kimley-Horn has completed multiple restoration projects related to impoundments and Spoil Islands in the Indian River Lagoon.

Blueprint 2000 Capital Cascades Trail, Segment 3 Permitting, Tallahassee, FL — Environmental task manager responsible for the local, state and federal permits for the design and construction of Phases 3a, 3b and 3c of the CCT Trail. Tasks included preparation of the permit applications, negotiations with the regulatory agencies for permit issuance and preparation of the City of Tallahassee Natural Features Inventories. Also, completed the Biological Assessment for Segments 1, 2, and 3 for the CLOMR submittal to FEMA. Coordinated concurrence on this assessment with the USFWS.

CR 462 (aka C-462) PD&E Study, Preliminary Engineering Report, and Design/Permitting, Wildwood, FL — Environmental scientist. Since 2010, Kimley-Horn has conducted a PD&E study and a preliminary engineering study to determine the feasibility of four-laning CR 462 (from CR 209 to CR 466A) and removing the break at US 301. The study proposed to correct the misalignment of CR 462 west and east of US 301, correct existing roadway deficiencies, and provide the appropriate roadway typical sections for future traffic demand. The study also included proposed cost estimates. In 2012, Kimley-Horn was selected to begin the design and permitting of CR 462 from US 301 to CR 466A.

Wave Streetcar Alternatives Analysis/Environmental Assessment, Fort Lauderdale, FL — Environmental scientist for an Alternatives Analysis (AA) and Environmental Assessment (EA) toward advancing the Downtown Transit Circulator (DTC) Project (Wave Streetcar) into the Project Development (PD) phase as a Small Starts project. Responsible for the manatee evaluation and coordination with FTA and preparation of the Finding of No Significant Impact (FONSI). The FONSI was approved with the first draft.

Chris Demeter, PSM

Surveying and Mapping



Kimley-Horn Vero Beach Office
445 24th Street, Suite 200, Vero Beach, FL 32960
(772) 794-4050 • chris.demeter@kimley-horn.com

CR 707/Dixie Highway Roadway Improvements and Streetscape Design, Stuart, FL

Surveyor. Kimley-Horn prepared construction documents to support the development of the Rio Town Center Streetscape. The existing two-lane rural roadway was visualized to be reconstructed into a two-lane, divided urban corridor with on-street parking, a community featured roundabout to accommodate a future art installation, 10-foot-wide sidewalks along either side, landscaping/hardscape improvements, and street lighting. The corridor will serve as the backbone of the Rio Town Center master development plan. Consulting services included construction document development, agency permitting, public involvement workshops, coordination with franchise utility operators to support undergrounding of overhead utilities, and construction phase services. Roadway construction was completed in June 2012, and we are currently working on the design for the sidewalk improvements.

St. Lucie Nuclear Plant Discharge Canal Bridge (aka SR A1A Bridge) Repairs and Rehabilitation, Jensen Beach, FL — Member of the Kimley-Horn team providing surveying services for the repair and rehabilitation of the SR A1A bridge over the Discharge Basin at the St. Lucie Nuclear Power Plant. The project includes the replacement of the existing superstructure, structural repairs of existing concrete pile caps and PC/PS concrete piles, zinc metalizing of the existing substructure, and the installation of concrete pile jackets with cathodic protection systems.

Kings Highway/Angle Road Intersection Improvements, St. Lucie County, FL — Project surveyor responsible for the preparation of the topographic base map that is being used for the design of the roadway improvements along Kings Highway and Angle Road. The limits of the topographic survey extend 2,500 feet in each direction from the intersection. The survey included the recovery of the historic survey baseline along Kings Highway, locations of aboveground improvements, and details of the various bridge components over Canal C-25 (Belcher Canal). Deliverables consisted of a digital terrain model, horizontal control sheets, and the topographic survey.

Indian River County Surveying and Mapping Services, Indian River County, FL

Project manager for this continuing services contract through which Kimley-Horn is providing surveying and mapping services for Indian River County departments on an as-needed basis. Services include boundary surveys, topographic surveys, mean high water surveys, right-of-way surveys, riparian rights delineation, and preparation of legal descriptions and sketches. Kimley-Horn has had this continuing services contract since 1996.

4th Street Bridge Replacement (98th to 74th), Indian River County, FL — Project surveyor for the Kimley-Horn team selected to perform the design survey, develop construction documents, and obtain permits to address the replacement of a two-lane vehicular bridge and a separate pedestrian bridge over Cooch Ditch. A box culvert was designed to replace both the existing structures, as well as accommodate the existing water main crossing in the vicinity. Extensive hydraulic alternative analyses were conducted to demonstrate capacity to IRFWCD.

Special Qualifications

- Has 29 years of experience in land surveying and mapping, including coordination and execution of boundary retracement, conventional topographic, aerial photogrammetric control, and ALTA/ACSM Land Title Surveys
- Responsibilities include initial site inspection; determination and acquisition of applicable records; coordination with the client, attorney, and title company; and accurate and correct performance of survey work
- Has supervised large-scale construction layout surveys, horizontal control surveys, hydrographic surveys, and right-of-way (ROW)/route surveys

Professional Credentials

- Bachelor of Arts, History/Political Science, Hiram College
- Registered Professional Surveyor and Mapper in Florida

Professional Organizations

- Florida Surveying and Mapping Society

Streetscape for SR 60 and 58th Avenue, Indian River County, FL — Surveyor for the Kimley-Horn team that provided streetscape design services for this project that involved widening one of the most prominent intersections in Indian River County from four lanes to six lanes by adding turn lanes. The intersection involved is a high-profile one with limited right-of-way. Because of the limited right-of-way, streetscape and landscape opportunities were somewhat limited as well. A joint venture with private and public property owners was necessary to make improvements to the streets, which belong to both entities.

Kings Highway and Indrio Road Intersection Improvements, St. Lucie County, FL — Project surveyor on Kimley-Horn team preparing the topographic base map and digital terrain model for the design of roadway and drainage improvements. Project included the widening of the intersection for additional left- and right-turn lanes on four legs of the intersection and the design of existing drainage in relation to the improvement.

St. James Drive Pedestrian Walkway, Vero Beach, FL — Served as surveyor. Kimley-Horn was responsible for completing the Programmatic Categorical Exclusion checklist and documentation for this Local Agency Program (LAP)-funded project. The project included a proposed sidewalk along the limits of the Oxbow Ecocenter preserve to the Rivers Edge Elementary School in St. Lucie County. The project involved delineation of wetlands in order to locate the sidewalk and avoid impacts to wetlands directly connected to the North Fork of the St. Lucie River. The St. James Drive Pedestrian Walkway project also required gopher tortoise surveys to gain impacts to the extent practical. Services included evaluating the potential contamination concerns and completing the documentation to demonstrate that the project impacts were minor and could meet the requirements to categorically exclude the project from the National Environmental Policy Act (NEPA). Documentation was submitted to the Florida Department of Transportation (FDOT) on behalf of the County for review.

Oslo Roadway Phase I Widening (includes Phase I and II ROW Mapping), Vero Beach, FL — Project surveyor on Kimley-Horn team performing this project under our continuing services contract with Indian River County. Two special purpose surveys were prepared for a 3.25-mile length of existing roadway. All adjacent property owners were researched and listed on the survey. The ROW lines, section lines, and survey baselines were delineated and monumented. In addition, the improvements and ROW lines of various intersecting streets were determined. Ownership and encumbrance reports for each parcel were reviewed and each encumbrance plotted. The “Murphy Reservations” were delineated on the survey. Special Purpose/ROW Maps were prepared and submitted for recording.

Aviation Boulevard Improvements (43rd Avenue to US 1), Vero Beach, FL — Survey team member. Kimley-Horn is currently under contract with the City of Vero Beach to design the widening of Aviation Boulevard between 43rd Avenue and US 1. The scope of this work entails developing a typical section for a four-lane divided roadway, public involvement, roadway design, landscaping enhancements, and coordination with local property owners to include the Vero Beach Municipal Airport and Indian River Farms Water Control District. The permitting efforts for this project required coordination with FDOT, SJRWMD, FAA, Indian River Farms Water Control District, Indian River County, and the US Army Corps of Engineers. The design phase of this project will last about a year and a half, and construction is expected to begin immediately thereafter.

Surveying and Mapping Services, FDEP, Statewide, FL — Project manager on this continuing services contract to provide statewide surveying and mapping services for the Division of State Lands Bureau of Survey and Mapping. Projects completed have consisted of large scale boundary surveys (3,000 acre and 1,500 acre parcels), large scale appraisal maps (50,000 acre and 13,000 acre parcels) and survey review services. Typical tasks include land acquisition surveys, preparing ownership maps, and preparing appraisal maps/special purpose surveys. Kimley-Horn has had this continuing services contract since 1998. Our most recent project consisted of the survey review of the land acquisition survey prepared for Harbor Branch.

4th Street Bridge Replacement Design and Permitting, Indian River County, FL — As project surveyor, involved in performing design survey, developing construction documentation, and obtaining permits to address the replacement of a two-lane vehicular bridge and a separate pedestrian bridge over Cooch Ditch. A box culvert was designed to replace both the existing structures, as well as accommodate the existing water main crossing in the vicinity. Extensive hydraulic alternative analyses were conducted to demonstrate flow capacity to the Indian River Farms Water Control District (IRFWCD). Due to the existing geometric conditions, significant improvements were necessary within the IRFWCD right-of-way (ROW) to facilitate the proposed improvements.



Peter Andersen, PSM

PROFESSIONAL REGISTRATIONS & CERTIFICATIONS

- Professional Surveyor & Mapper, State of Florida
License No. 5199—Date of Registration: 1993
- LEICA HDS 3000 High Definition Scanning
- GPSurvey Software by Trimble, Customer Site Training
- GLO Retracement & Restoration of Original Corners
- Joined GCY in 1984

EDUCATION

- Catonsville Community College, Catonsville, Maryland
- Indian River Community College, Stuart, Florida
- Undergraduate Curriculum, Surveying

AFFILIATIONS

- Florida Surveying & Mapping Society, Indian River Chapter -
President 2002-2003
- GPS Users Group
- Martin County Chamber of Commerce
- Treasure Coast Marine Industries Association

PROJECTS

Jonathan Dickenson State Park **Florida Department of Environmental Protection** *Martin County, FL*

The purpose of this project is to identify and mark the state's boundary that is common with private lands. This is being done in advance of the state constructing new fences along these lines. Lines were identified using previous surveys performed by GCY, Inc. A ¾" iron pipe and survey cap were set at approximately 330 foot intervals along the identified lines and a 2 ½" galvanized fence post is set on the park/state side of the iron pipe. A survey is generated to show all points found or set. Angle points are referenced. Any improvements along the lines are located. Digital photos are taken at each point to document current conditions.

Williams Cattle Company **USDA/NRCS, Okeechobee County, FL**

GCY, Inc. completed a boundary survey of a 2813 acre easement in Okeechobee County, Florida for USDA/NRCS. The approximated boundary's were determined by the NRCS and the Landowner, then staked and located to be reviewed. After the review of the initial layout, the boundary was adjusted to fit the requirements of the landowner and the NRCS.

PRINCIPAL AREAS OF PRACTICE

- *F.D.E.P. Land Acquisition Surveys*
- *Cadastral Surveys*
- *Topographic Surveys*
- *Geodetic Control Surveys*
- *Hydrographic Surveying*
- *Mean High Water Survey*
- *Construction Staking*
- *Subdivision & Platting*
- *Quantity Surveys*
- *GPS Surveys*
- *Right-of-way Surveys*



Corporate Office:

Mailing Address: Post Office Box 1469
Palm City, FL 34991
Ph: 772-286-8083 Fax: 772-283-6174

Physical Address: 1505 SW Martin Hwy
Palm City, FL 34990
Ph: 772-286-8083 Fax: 772-283-6174

DOUGLAS S. DUNKELBERGER, P.E.

PRINCIPAL ENGINEER

PROFESSIONAL EXPERIENCE

Since receiving a Master's Degree in Civil Engineering (Soil Mechanics) in 1979, Mr. Dunkelberger has specialized in the practice of geotechnical engineering progressing from staff level to senior project management level responsibilities for studies pertaining to subsurface characterization, foundation design, slope stability, subsoil (in-situ) improvement, ground settlement/subsidence, embankment design, earthworks, pavement design, seepage/dewatering, and geosynthetics.

Mr. Dunkelberger provides over 35 years of experience in the role of chief geotechnical engineer for vertical construction projects, planning and coordinating the field exploration efforts and the laboratory soils testing programs. He also has hands-on involvement with the geotechnical engineering analysis pertaining to foundation design, construction, and load testing for parking structures and high-rise buildings. Furthermore, Mr. Dunkelberger serves as a senior technical reviewer for construction materials engineering and testing services for such projects.

Mr. Dunkelberger has served as an adjunct professor at FAU teaching a graduate course in foundation engineering. A court-qualified geotechnical expert, he has provided testimony on behalf of his clients in the areas of ground vibrations, earthworks, seepage, and structure settlement.

PROJECT EXPERIENCE

Kings Highway (58th Avenue) Widening, Indian River County, Florida

Principal Engineer. The project involved the widening of the existing Kings Highway from a 2-lane roadway to a 4-lane divided highway for about four miles, and the replacement of eight bridge structures and the construction of multiple stormwater attenuation ponds. A critical aspect of the design was the selection of a roadway embankment section that could overcome the difficult subsoil conditions which included soft, organic soil deposits. For the project, we completed a subsurface study involving the performance of engineering test borings, and provided geotechnical design recommendations for the design and construction of the roadway, bridges, and drainage improvements. The firm also developed a cost effective roadway embankment design utilizing a combination of select fill soils and geosynthetic reinforcement to overcome the problem soil conditions.

County Road (CR) 512 Bridge Replacements, Indian County, Florida

Principal Engineer. The project was a design/build (D/B) contract for the replacement of the Park Lateral and Lateral 'U' canal bridges on CR 512. The D/B team was responsible for design and construction geotechnical support and materials testing services for the single-span pile supported bridges. Our services involved subsurface exploration, dynamic pile testing and analysis, pile driving inspection, and field and laboratory testing of embankment soils, roadway components, and fresh and hardened concrete.



Years of Experience:

*Total – 35 years
With this Firm – 20 years*

Education

B.S., Civil Engineering, University of Florida (UF), 1977

M.S., Geotechnical Engineering, UF, 1979

Registrations

Professional Engineer, Florida #33317 (1983)

Affiliations

Florida Engineering Society (FES)

National Society of Professional Engineers (NSPE)

American Society of Civil Engineers

Faculty-Adjunct Professor "Foundation Engineering," Graduate Course – Florida Atlantic University (FAU)

Company Address

Where Works:

*8260 Vico Court, Unit B
Sarasota, FL 32420*

and

*607 NW Commodity Cove
Port St. Lucie, FL 34986*

(914) 915-4114

dsdunkelberger@terracon.com

DUNKELBERGER
engineering & testing, inc.

A Terracon COMPANY

Orange Avenue/South Florida Water Management District (SFWMD) C-24 Bridge Replacement, St. Lucie County, Florida

Principal Engineer. The project involved replacement of a pile-supported bridge with a cast-in-place concrete box culvert. The firm provided construction testing services for the project which included field and laboratory testing of soils, fresh and hardened concrete, and epoxy coated reinforcing steel (rebar). We also performed field turbidity monitoring in accordance with the project's SFWMD permit requirements.

I-75 (S.R. 93) – River Road to Venice Connector, Venice, Florida

Principal Engineer. The firm performed the Contractor's Quality Control (CQC) for field and laboratory testing services in accordance with the Florida Department of Transportation (FDOT) specifications. The expansion involved a major north-south highway from River Road to the Venice Connector, which is approximately nine miles in length. The roadway expansion involved: the construction of two new bridges, and the widening of five bridges. Certified (CTQP) personnel and laboratory testing (CMEC certified/FDOT approved) are being provided by our Sarasota office. The project started May 3, 2010 and had a duration of 625 days.

Honore Avenue Extension, Sarasota County, Florida

Principal Engineer. The project is a new 2.5-mile-long, two-lane divided road with roundabouts, bicycle lanes, decorative streetlights, Florida-friendly landscaping and rain gardens to treat stormwater runoff. It will also include one bridge over Phillipi Creek. Laboratory verification testing included concrete compressive strength testing, embankment testing (Standard Proctors), stabilized subgrade (LBR) and soil-cement testing (soil-cement pills and standard proctors); responded to the emergency situation to quantify the buried debris, provided an alternative pavement design detail, and performed environmental testing services.

Urban Corridor Improvements of Manatee Avenue, Bradenton, Florida

Principal Engineer. The project consisted of pavement coring and evaluation services leading to "mill and overlay" design option for an existing, urban highway (S.R. 64) through downtown Bradenton. The firm provided subsurface exploration and pavement evaluation of the existing roadway on a lump sum fee basis. The firm also provided recommendations for pavement overlay to reduce roadway improvement costs.

17th Street East - US 41/Canal Road, Manatee County, Florida

Principal Engineer. Geotechnical services included soil borings for drilled shaft foundations associated with new signal poles for the project; construction materials testing services included: drilled shaft inspections, pipe backfill testing, asphalt roadway testing, and concrete testing.

County Bridge Replacements, Sarasota County, Florida

Principal Engineer. Provided design level geotechnical services for multiple project teams related to replacement of four single-span bridges at Myrtle Street, Central Avenue, Lockwood Ridge Road and Raymond Road; field work consisted of both difficult access soil borings and soil borings/pavement cores within the roadway, which required maintenance of traffic (MOT) procedures.

University Parkway Resurfacing, Manatee County, Florida

Principal Engineer. Quality control (QC) testing and inspection services; carried out its QC function in accordance with FDOT protocols and issued final reports for Federal Highway Administration review as part of Federal (ARRA) funding requirements.

CR 951 Roadway Improvements, Collier County, Florida

Principal Engineer. Geotechnical roadway study to support the design; geotechnical roadway survey to support the design of the proposed resurfacing, restoration, and rehabilitation (3R); Phase II Environmental Site Assessment (ESA) to evaluate soil and groundwater quality adjacent to 3 contaminated sites located at the intersection of US-41 (aka Tamiami Trail) and CR 951.

Port Manatee Berth 8 Pavement, Palmetto, Florida

Principal Engineer. Geotechnical exploration in the Berth 8 pavement areas; recommendations for both subgrade preparation and a pavement section that will be able to support the 400 ton crane; an optional geogrid recommendation was provided for areas of buried utilities to reduce the depth of the subgrade preparation.



5. Insurance

Kimley-Horn has more than adequate insurance to meet the requirements of the City of Stuart, as indicated on our insurance certificate below. Additionally, our sub consultants also have more than adequate insurance to meet the requirements of the City of Stuart, as indicated on their insurance certificates below.

Certificates of insurance with The City of Stuart named as an additional insured will be provided prior to entering into a contract.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
4/1/2014

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

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

PRODUCER Greyling Insurance Brokerage 450 Northridge Parkway Suite 102 Atlanta GA 30350	CONTACT NAME: Jerry Noyola PHONE (A/C No. Ext): (770)552-4225 E-MAIL ADDRESS: jerry.noyola@greyling.com	FAX (A/C, No): (866)550-4082
	INSURER(S) AFFORDING COVERAGE	
INSURED Kimley-Horn and Associates, Inc. P.O. Box 33068 Raleigh NC 27636	INSURER A: National Union Fire Ins Co NAIC #: 19445	INSURER B: Commerce & Industry Insurance NAIC #: 19410
	INSURER C: New Hampshire Insurance Company NAIC #: 23841	INSURER D: Lloyd's of London NAIC #: 085202
	INSURER E:	
	INSURER F:	

COVERAGES CERTIFICATE NUMBER: 14-15 (Kimley Sharda) REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC			GL 9645227	4/1/2014	4/1/2015	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 500,000
							MED EXP (Any one person)	\$ 25,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
								\$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			CA 4982985	4/1/2014	4/1/2015	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			BE58430948	4/1/2014	4/1/2015	EACH OCCURRENCE	\$ 5,000,000
							AGGREGATE	\$ 5,000,000
								\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y/N <input checked="" type="checkbox"/> N/A			WC 018112556 (AOS)	4/1/2014	4/1/2015	<input checked="" type="checkbox"/> WC STATUTORY LIMITS	OTHER
				WC 018112557 (CA)	4/1/2014	4/1/2015	E.L. EACH ACCIDENT	\$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
D	Professional Liability			B0879P070831401	4/1/2014	4/1/2015	Per Claim	\$2,000,000
							Aggregate	\$2,000,000

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

CERTIFICATE HOLDER

CANCELLATION

Sample/For Proposal Only	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE David Collings/JERRY <i>David A. Collings</i>

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

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

PRODUCER Lockton Companies, LLC-1 Kansas City 444 W. 47th Street, Suite 900 Kansas City MO 64112-1906 (816) 960-9000	CONTACT NAME:	
	PHONE (A/C, No, Ext):	FAX (A/C, No):
	E-MAIL ADDRESS:	
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A : AIG Specialty Insurance Company		26883
INSURER B : Travelers Property Casualty Co of America		25674
INSURER C : The Travelers Indemnity Company		25658
INSURER D : Lexington Insurance Company		19437
INSURER E : The Charter Oak Fire Insurance Company		25615
INSURER F :		

COVERAGES TERCO01 CERTIFICATE NUMBER: 12406750 REVISION NUMBER: XXXXXXXX

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 CERTIFICATION MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> CONTR'L LIABILITY GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	N	N	PROP3779274	1/1/2014	1/1/2015	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	N	N	TC2J-CAP-131J3858 TJBAP131J3895	1/1/2014 1/1/2014	1/1/2015 1/1/2015	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ XXXXXXXX BODILY INJURY (Per accident) \$ XXXXXXXX PROPERTY DAMAGE (Per accident) \$ XXXXXXXX
A	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$	N	N	PROU1920977 (EXCLUDES PROF. LIAB.)	1/1/2014	1/1/2015	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$ XXXXXXXX
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	TRKUB131J3846 (AZ,MA,WI) TC2OUB131J3742 (AOS)	1/1/2014 1/1/2014	1/1/2015 1/1/2015	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	PROFESSIONAL LIABILITY	N	N	26030216	1/1/2014	1/1/2015	\$1,000,000 EACH CLAIM & \$1,000,000 ANNUAL AGGREGATE

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
FOR INFORMATIONAL PURPOSES ONLY, EXCESS LIABILITY SITS ON TOP OF GENERAL AND AUTO LIABILITY.

CERTIFICATE HOLDER	CANCELLATION
12406750 SPECIMEN	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 

6. Prohibition against Contingent Fees/Non-Collusion/ Conflict of Interest Disclosure Statements

In accordance with Florida Statute 287.055(6)(a), Kimley-Horn attests that the following is true:

“The respondent warrants that he or she has not employed or retained any company or person, other than a bona fide employee working solely for the respondent to solicit or secure this agreement and that he or she has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the respondent any fee, commission, percentage, gift, or other consideration contingent upon or resulting from award or making of this agreement.”

Statement of Non-Collusion

“The respondent certifies, and in the case of a joint proposal, each party thereto certifies as to its own organization, that in connection with this solicitation the information provided has been arrived at independently, without consultation, communication, or agreement with any other respondent or with any competitor for the purpose of restricting competition, or in any other way influencing the competitive arena.”

Conflicts of Interest Disclosure Statement

Kimley-Horn and Associates, Inc. does not have any potential conflicts of interest due to any other clients, contracts, city employees, or property interests. No firm member has a conflict of interest with any aspect of City of Stuart government, or any department of the City of Stuart, or any individual city officer or employee.



7. Other Information

Awards

An outstanding workplace

"100 Best Companies to Work For," FORTUNE magazine, 2005, 2006, 2007, 2008, 2009, 2010, 2014.

"Best Engineering Firms to Work For," number 1, Civil Engineering News magazine, 2004, 2006, 2007



An award-winning consultant

Recent awards in Florida include the following:

Planning Award, Heart of Florida/ American Planning Association, Florida: Polk Transportation Planning Organization (TPO) Complete Streets Program (2013)

Award of Merit, Florida Chapter of the American Society of Landscape Architects: Palmetto Park Road Improvements and Downtown Boca Raton Pedestrian Promenade (2012)

Engineering Excellence Grand Award, Florida Institute of Consulting Engineers: Dixie Highway Flyover Design-Build (2012)

Water Plant Operations Excellence Award, Florida Department of Environmental Protection: Tropical Farms 10.0-MGD Reverse Osmosis (RO) Water Treatment Facility (WTF) (2012)

Engineering Excellence Award, Florida Institute of Consulting Engineers: Palmetto Park Road Improvements and Downtown Boca Raton Pedestrian Promenade (2011)

Roy F. Kenzie Award, Best Capital Project/Beautification, Florida Redevelopment Association: Barton Boulevard Streetscape, Rockledge, FL (2009)

Planning Award (Rural Category), Capital Regional Section, American Planning Association, Florida: City of St. Marks Master Plan (2008)

Award of Merit (Open Space Category), American Society of Landscape Architects, Florida Chapter: South Collier Boulevard Streetscape Improvements, Marco Island, FL (2008)

Grand Award, Florida Institute of Consulting Engineers: I-295/Blanding Boulevard Improvements, FDOT District Two (2007)

Roy F. Kenzie Award, Best Capital Project/Beautification Award, Florida Redevelopment Association: Boynton Beach Boulevard Extension and Promenade (2006)



Polk TPO Complete Streets Program



Palmetto Park Road Improvement

Awards continued

Grand Award, Florida Institute of Consulting Engineers: SunPass Challenge, Florida's Turnpike Enterprise (2006)

Award of Merit, Florida State Chapter of the American Planning Association: Southwest Neighborhood Redevelopment Plan (2005)

Award of Honor (Planning and Analysis Category), Florida State Chapter of the American Society of Landscape Architects: Fruitville Road Corridor Plan (2005)

Award of Merit, Florida State Chapter of the American Society of Landscape Architects (Planning and Analysis Category), Tharpe Street Corridor Study (2005)

Award of Merit (Residential Category), Florida State Chapter of the American Society of Landscape Architects: Oak Hammock (2005)

Outstanding Redevelopment Study, First Place, Gold Coast Section of the American Planning Association, Florida Chapter: Midtown Miami Community Development District (2004)

Award of Merit, Florida Planning and Zoning Association: Winter Haven Urban Lakefront and Economic Revitalization Study (2003)

Award of Excellence, American Society of Landscape Architects, Florida Chapter: Miami River Urban Infill Master Plan (2003)

Grand Award, Florida Institute of Consulting Engineers: Palm Beach Zoo at Dreher Park (2001 and 2002)

Engineering Excellence Award, Florida Institute of Consulting Engineers: Royal Palm Pointe, Vero Beach, Florida (2001)

Award of Excellence, Florida Chapter of the American Society of Landscape Architects: Dixie Highway/Olive Avenue Street Master Planning (2000)



Dixie Highway Fly-Over Design-Build



Downtown Boca Pedestrian Promenade



Boynton Beach Boulevard Extension and Promenade



8. Addenda

Acknowledgment of Addenda

Kimley-Horn confirms receipt of Addendum #1.

Addendum #1 is included below.



City of Stuart

121 S.W. Flagler Avenue • Stuart • Florida 34994
Telephone (772) 288-5320

Department of Financial Services

Procurement & Contracting Services Division
Charles T. Iverson, Procurement Manager

Fax: (772) 600-1202
tiverson@ci.stuart.fl.us

Date: June 5, 2014, 2014
To: All Prospective Proposers
Subj: Addendum #1 to RFP #2014-146, Professional Engineering Services

ADDENDUM #1

This addendum is issued to expand the scope of services for this project:

To Section II, Scope of Service add item T:

- T. Preparation of design studies, design plans and design specifications for water distribution, wastewater collection, and reclaimed water systems, specific water and wastewater process control evaluations and reports, and other related water, wastewater, and reclaimed water projects.

This Addendum must be acknowledged, signed and returned with your proposal. Failure to comply may result in disqualification of your proposal.

Sincerely,

Charles T. Iverson
Purchasing Manager
City of Stuart, Florida

Acknowledgement is hereby made of Addendum #1 to RFP #2014-146, Professional Engineering Services.

Signature

June 17, 2014

Date

Kimley-Horn and Associates, Inc.

Firm

EXHIBIT B

“ORIGINAL REQUEST FOR PROPOSAL AS ISSUED BY CITY”



City of Stuart

121 S.W. Flagler Avenue • Stuart • Florida 34994
Telephone (772) 288-5320

Department of Financial Services

Procurement & Contracting Services Division
Charles T. Iverson, Procurement Manager

Fax: (772) 600-1202
tiverson@ci.stuart.fl.us

LEGAL NOTICE FOR REI #2014-146

PROFESSIONAL CIVIL ENGINEERING SERVICES

The Stuart City Commission, Stuart, Florida, in compliance with Florida Statute 287.055, Consultants' Competitive Negotiation Act (CCNA), invites Expressions of Interest from qualified, experienced, licensed civil engineers to provide Civil Engineering Services to the City of Stuart.

Description: The intent of this solicitation is to select the most highly qualified firm(s) to provide Professional Civil Engineering services to the City of Stuart on an "as needed" basis, for an initial contract award period of one (1) year and two one year renewals. Total contract period shall not exceed three years.

Submittal information and response format may be obtained at no charge by contacting the City of Stuart Procurement & Contracting Services Office located at 121 SW Flagler Avenue, Stuart, Florida, by email at tiverson@ci.stuart.fl.us, by calling (772) 288-5320, or by accessing DemandStar by Onvia at <http://www.demandstar.com>.

Firms desiring to provide the Civil Engineering Services described above shall submit one (1) original, marked "ORIGINAL", six (6) copies, each marked "COPY", and one (1) electronic copy on a CD, PDF format preferred, of their proposals, containing all of the requested qualification data by **2:30 pm, Wednesday, June 18, 2014.** Submittals will be accepted by hand delivery, overnight delivery or U.S. mail in the Procurement Division Office, Stuart City Hall, 121 SW Flagler Avenue, Stuart, Florida 34994. Submittals received after that date and time will not be accepted or considered and will be retained in the Procurement Office unopened. Timely submittals will be opened as soon as practicable thereafter in the City Hall, First Floor Conference room, 121 SW Flagler Avenue, Stuart, Florida. Questions concerning this REI will be taken until 5:00 pm, Wednesday, June 11, 2014.

In compliance with the Americans with Disabilities Act (ADA), anyone desiring to attend this proposal opening who needs a special accommodation should contact the City's ADA coordinator at 772-288-5306 or TDD at 772-288-5302 at least 48 hours in advance of the meeting, excluding Saturday and Sunday.

Mail/Overnight or Hand Deliver Proposals to:

**Stuart City Hall
Purchasing Division
121 S.W. Flagler Avenue
Stuart, Florida 34994**

Mark outside of envelope: REI #2014-146 "Professional Civil Engineering Services"

Publish Date: June 2, 2014

Stuart City Commission
City of Stuart, Florida
Terry Iverson, Procurement Manager

REI #2014-146, Professional Civil Engineering Services

I. General

The City of Stuart is seeking qualified, experienced, licensed civil engineers to provide Professional Civil Engineering services to the City of Stuart on an "as needed basis". The final negotiated contract will be a term agreement for an initial one (1) year period with the option of two (2) additional one (1) year renewals, upon the mutual agreement of the parties. At the option of the City, and upon the agreement of the Professional, this Contract may be converted to or replaced at any time with a "Continuing Services Contract" as that term is defined in Section 287.055, et seq, Florida Statutes, Consultant's Competitive Negotiating Act (CCNA).

II. Scope of Services

The individual or firm retained to provide Professional Civil Engineering services shall work with the City Public Works Director or other City staff in advising the City and the City Commission regarding Civil Engineering services. A general description of the scope of professional services required is, but not limited to, the following:

- A. Preparation of roadway location or alignment studies
- B. Preparation of roadway design
- C. Preparation of land acquisition documents
- D. Preparation of a hydrologic & hydraulic studies
- E. Preparation of storm drainage system design
- F. Preparation of new or retrofit storm water management design
- G. Preparation of floodplain studies
- H. Preparation and procurement of requisite environmental permits
- I. Performance of traffic counts
- J. Preparation of traffic studies and analysis
- K. Preparation of maintenance of traffic design
- L. Preparation of structural studies and design for bridges, culverts and retaining walls
- M. Preparation of construction documents
- N. Preparation of cost estimates
- O. Preparation of Construction Plans for Waterfront and Marine Facilities (docks, seawalls, river walks, upland support facilities)
- P. Presentation to the Commission, staff, and the public of reports, plans, and exhibits
- Q. Preparation of as-built plans
- R. Review of plans, specifications and estimates developed by others
- S. Other customary Professional Civil Engineering Services

Contact Person: Questions or requests for additional information shall be directed to Terry Iverson, Procurement & Contracting Services Manager at (772) 288-5320, fax (772) 600-1202, or e-mail: tiverson@ci.stuart.fl.us. All questions and contacts must be made through the Procurement & Contracting Services Office. Attempts to lobby or persuade through other channels will result in disqualification.

III. Selection Criteria

The selection criteria will include the following:

- A. Task Approach: Outline of proposed manner in which scope of work will be addressed.

Approach shall demonstrate firm's capability to work within the City's budget and time constraints. Describe all quality control implementation procedures, sub-consultant supervision, contract compliance and enforcement of industry standards. Comment on firm's project schedules and budgets. Discuss ways to maintain schedules and ways to recover. Discuss cost control and value engineering. Describe any project management systems used to track and control project issues. Describe the communication procedures to be employed throughout the contract term and the plan to establish and maintain clear lines of communication with the City's Project Manager and City staff. **(30 pts)**

- B. Past Performance: Working relationships with the City of Stuart and other Florida municipalities and public entities. Include references and contact information. **(30 pts)**
- C. Familiarity: Familiarity with local conditions or an explanation of the firm's approach to become familiar quickly with local conditions. **(30 pts)**
- D. Professional Qualifications: Firm's and specific individuals' relevant experience and expertise of at least five (5) years with other Florida municipalities and public entities. A demonstrated thorough understanding of the concepts, principles, and procedures of Civil Engineering services and its applicability to the City. **(10 pts)**

SUBMITTAL REQUIREMENTS: Firms interested in providing the required professional services shall submit one (1) original, marked "**ORIGINAL**", six (6) copies, each marked "**COPY**", and **one (1) electronic copy (PDF format preferred) on a CD** of the requested qualification data for evaluation. Submittals shall be clear, concise, indexed by subject, typed on letter size paper, and individually bound. Submittals shall be mailed or delivered in a sealed package clearly marked on the outside with the project name, solicitation number, and due date. Packages must be received in the City of Stuart Procurement & Contracting Services Office by the advertised deadline.

Each respondent should ensure that they have received any/all addenda and amendments to this REI **before** submitting their proposal. Respondents may check for any addenda by calling (772) 288-5320, via the City's website: www.cityofstuart.com, or by accessing DemandStar by Onvia at <http://www.demandstar.com>. All addenda issued pursuant to this solicitation must be acknowledged and submitted as part of the proposal package. Failure to acknowledge addenda may result in the proposal being determined non-responsive.

Delivery of a package to any City location other than the Procurement & Contracting Services Office does not constitute official receipt by the City. Any package delivered after the advertised deadline will not be considered.

IV. Proposal Format

Proposals shall include the following information:

A Transmittal Letter will summarize in a brief and concise manner the professional's understanding of the scope of work and make a positive commitment to perform the work in a timely manner, within budgetary requirements. An agent authorized to contractually bind the firm must sign the Letter of Transmittal indicating the agent's title or authority. This signature shall certify the veracity of the contents of the submittal and bind the firm to the firm's offer to provide services addressed in the response to the City of Stuart's Request for Expressions of Interest. The transmittal letter shall not exceed two pages in length.

Tab 1: Task Approach

Provide an outline of proposed manner in which a scope of work will be addressed and the manner in which the approach shall demonstrate the firm’s capability to work within the City’s budget and time constraints. Describe all quality control implementation procedures, sub-consultant supervision, contract compliance and enforcement of industry standards. Comment on firm’s project schedules, budgets and adherence to those items. Discuss ways to maintain schedules and ways to recover. Discuss cost control and value engineering. Describe any project management systems used to track and control project issues. Describe the communication procedures to be employed throughout the contract term and the plan to establish and maintain clear lines of communication with the City Project Manager and City staff.

Tab 2: Past Performance in similar activities in Florida.

Provide a list of projects of similar nature within the past three years. Title and brief description of each project shall include:

- Client (contact person, address, telephone number)
- Year completed
- Nature of work involved in each project
- Total Value of the Project

Tab 3: Familiarity:

Provide a description of the firm’s familiarity with local conditions, community goals, etc., or provide a plan that outlines an explanation of the firm’s approach to become familiar quickly with local conditions, community goals, etc.

Tab 4: Qualification Data

Firms shall provide a brief profile of their company, which should include their history, locations of their corporate and satellite offices, location of their project team, corporate structure, ownership interest, and the length of company's existence. The firms shall also submit an organizational chart, staff qualifications, and experience of the firm. Resumes of proposed key personnel (name, company address, phone number, e-mail address) that will be assigned to this project shall include job skills, education, training, experience and professional affiliations/membership. All proposed sub-consultants shall be identified, and the working relationship between the respondent and the sub-consultant shall be explained. Sub-consultants shall also provide key personnel resumes. Standard forms 254 & 255 or OMB Standard Form 330 may be submitted. Provide a list of disciplines offered by the firm (i.e. mechanical, electrical, hydrogeologic, land surveying, etc.).

The firm shall provide sufficient competent and qualified personnel to effectively carry out its responsibilities under the Master Agreement. The firm shall utilize only competent personnel who are qualified by experience and education. The firm may not make changes in the personnel working on activities pursuant to the Master Agreement without written concurrence of the City.

Tab 5: Insurance

Provide a statement agreeing to obtain (prior to award) Professional Liability Insurance with coverages as detailed herein. A certificate of insurance indicating that the firm has coverage in accordance with the requirements herein set forth may be furnished by the firm to the City along with their qualification data.

A properly completed Accord Form is preferable. The City of Stuart named as additional insured for General Liability shall be required **prior to entering into a contract.**

The Firm shall either cover any sub-consultants on its policy or require the sub-consultants to conform to all requirements for insurance contained herein.

Tab 6: Prohibition against Contingent Fees/Non-Collusion/Conflict of Interest Disclosure Statements

In accordance with Florida Statute 287.055(6)(a), the following statement must be included in each submittal:

“The respondent warrants that he or she has not employed or retained any company or person, other than a bona fide employee working solely for the respondent to solicit or secure this agreement and that he or she has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the respondent any fee, commission, percentage, gift, or other consideration contingent upon or resulting from award or making of this agreement.”

Include the following Statement of Non-Collusion:

“The respondent certifies, and in the case of a joint proposal, each party thereto certifies as to its own organization, that in connection with this solicitation the information provided has been arrived at independently, without consultation, communication, or agreement with any other respondent or with any competitor for the purpose of restricting competition, or in any other way influencing the competitive arena.”

Include a disclosure statement advising the City of any potential conflict of interest, real or apparent, that the Respondent, employee, officer, or agent of the firm may have due to ownership, other clients, contracts or interests associated with this project. Signature on the transmittal letter shall certify the veracity of these statements.

Tab 7: Other Information

Provide any information pertinent to this project that will provide insight to the evaluators about the qualifications, fitness and abilities of the Respondent (please limit this information to two pages).

Tab 8: Addenda (if applicable)

All addenda issued pursuant to this solicitation must be acknowledged and submitted as part of the proposal package.

Confidential Materials

The City of Stuart, Florida, is governed by the Public Record Law, Chapter 119, Florida Statutes (F.S.). Only trade secrets as defined in Section 812.081(1)(c), F.S. or financial statements required by the City for road or public works projects as defined in 119.07(6)(t), F.S. (hereinafter “Confidential Materials”), may be exempt from disclosure. If a respondent submits Confidential Materials, the information **must be segregated** and each pertinent page must be clearly labeled “confidential” or “trade secret.”

The City of Stuart gives no assurance as to the confidentiality of any portion of the response once submitted. It is the responsibility of the respondent to seek counsel and determine applicability of the statute to their particular circumstances prior to submittal of their package.

V. Evaluation of Proposals

Proposals will be reviewed and evaluated for qualifications to perform the services required, by a Selection Committee which shall consist of City staff. The Selection Committee will make a recommendation for award to the City Commission. The City of Stuart reserves the right to select the most qualified individuals/firms solely from review of the packages submitted and request authorization to negotiate an agreement with the highest ranked individual/firm; or to interview the most qualified proposers prior to requesting authorization to negotiate an agreement with the highest ranked firm(s). Individuals/firms will be notified in writing if they are selected for interview. Notices for interviews will contain explicit instructions concerning location, date, time and length of interviews.

The City of Stuart reserves the right to request clarification on information submitted and to request additional information from one or more firms.

VI. Terms and Conditions

All prospective professionals are hereby cautioned not to contact any member of the Stuart City Commission, the City Manager, the City Attorney (except to discuss grievance matters) or any member of the selection committee. All questions and contacts must be made through the Purchasing Office. Attempts to lobby or persuade through other channels will result in disqualification.

Any actual or prospective professional who disputes the reasonableness, necessity or competitiveness of the terms and conditions of this request for proposals; selection or award recommendation shall file such dispute in writing with the City Manager, prior to the proposal closing date and time, as to the terms and conditions, and within ten (10) days of Commission action as to the selection or award recommendation.

The City reserves the right to reject any or all proposals without recourse, to waive technicalities and informalities or to accept the proposal(s) which in its sole judgment best serves the interest of the City.

As required by FS Section 287.133; "A person or affiliate who has been placed on the convicted vendor list following conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or a Professional under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount as stated in FS Section 287.017, for Category Two, for a period of thirty six months from the date of being placed on the convicted vendor list." Questions regarding this statement should be directed to the State of Florida, Bureau of State Procurement (904) 488-8131.

This invitation does not commit the City to award a contract. Nor shall the City be responsible for any cost or expense incurred by any respondent in preparing and submitting a reply, nor for any cost or expense incurred by any respondent prior to the execution of an agreement. The City reserves the right to require any or all respondents to appear for interviews and/or oral presentations at no cost to the City.

VII. Proposed Agreement

The successful professional shall serve at the pleasure of the City Commission. Please review the attached agreement and note any objections, or revisions that would be required by the professional within the submittal. Should no revisions be noted, the City will assume and the professional agrees that the terms and conditions of agreement are acceptable. The proposed Agreement does not authorize the performance of any work or require the City to place orders for work. The City makes no covenant or promise as to the number of available projects or that the firm shall perform any project for the City during the life of the Master Agreement.

VIII. Forms/Attachments

Attachment A: Standard Master Agreement

Attachment B: Sample Project Authorization

ATTACHMENT A

**PROPOSED AGREEMENT FOR CIVIL ENGINEERING SERVICES
BETWEEN
CITY OF STUART AND PROFESSIONAL**

PROJECT: Civil Engineering Services

PROFESSIONAL: _____

AGREEMENT FOR PROFESSIONAL SERVICES

THIS AGREEMENT, hereinafter "Contract," made and entered into the ____ day of _____, 2007 by and between _____, hereinafter referred to as "Professional" and the City of Stuart, Florida, a municipal corporation, 121 S.W. Flagler Avenue, Stuart, Florida 34994, hereinafter referred to as "City", for and in consideration of the following terms, conditions and covenants.

I. PURPOSE OF AGREEMENT

City intends to enter into a contract with Professional for provision of Civil Engineering services by the Professional and the payment for those services by City as set forth below.

II. SCOPE OF SERVICES

The Professional shall provide professional Civil Engineering services in all phases of any project for which a WORK AUTHORIZATION has been issued by the City pursuant to this Agreement as hereinafter provided. These services will include serving as City's professional consulting representative for the Project, providing professional consulting consultation and advice and furnishing customary Civil Engineering services and customary services incidental thereto as described in the Work Authorization. The detailed scope of services to be performed and schedule of fees for those services shall be detailed in each Work Authorization.

Section 1. Scope of Service

Professional shall work with the City Public Works Director, City Attorney, City Manager, or other City staff in advising the City and the City Commission regarding Civil Engineering services. The services will be those customarily attendant to Civil Engineering services including, but not limited to the following:

- A. Preparation of roadway location or alignment studies
- B. Preparation of roadway design
- C. Preparation of land acquisition documents
- D. Preparation of a hydrologic & hydraulic studies
- E. Preparation of storm drainage system design

- F. Preparation of new or retrofit storm water management design
- G. Preparation of floodplain studies
- H. Preparation and procurement of requisite environmental permits
- I. Performance of traffic counts
- J. Preparation of traffic studies and analysis
- K. Preparation of maintenance of traffic design
- L. Preparation of structural studies and design for bridges, culverts and retaining walls
- M. Preparation of construction documents
- N. Preparation of cost estimates
- O. Preparation of Construction Plans for Waterfront and Marine Facilities (docks, seawalls, river walks, upland support facilities)
- P. Presentation to the Commission, staff, and the public of reports, plans, and exhibits
- Q. Preparation of as-built plans
- R. Review of plans, specifications and estimates developed by others
- S. Other customary Professional Civil Engineering Services

III. AGREEMENT PROVISIONS

Section 1. Period of Service

1.1 Term of Agreement

Upon award of this Agreement, the effective date of this Agreement shall be the date of execution of this Agreement by both City and Professional. Term of this agreement shall be for an initial period of one (1) year with the option of two (2) additional one-year renewal periods, upon the mutual agreement of the parties. At the option of the City, and upon the agreement of the Professional, this Contract may be converted to or replaced at any time with a "Continuing Services Contract" as that term is used in Section 287.055, et seq, Florida Statutes (CCNA).

1.2 Work Authorization

Each "Work Authorization" shall specify the Period of Service agreed to by the City and the Professional for services to be rendered under said "Work Authorization".

Section 2. Compensation and Method of Payment

2.1 Fee Schedule

CITY will compensate Professional for services under each Work Authorization. The fee due to the Professional shall be set forth in each Work Authorization and shall be in accordance with Professional's personnel hourly rate schedule formalized in "Exhibit C" to this Agreement. Professional's personnel hourly rate schedule may be updated annually prior to each optional renewal period.

2.2 Invoices

Professional shall submit monthly invoices to the City no later than the last day of the month for work accomplished under this Contract. Each invoice shall be detailed and include, but not be limited to, hours worked by each person assigned to the Project, date worked and all ancillary expenses incurred and by whom.

2.3 Payment

Payment for services rendered is due within thirty days of receipt and approval of invoice by City. Payment is delinquent 30 days following receipt and approval of invoice by City.

Section 3. Reimbursable Expenses

Professional shall be reimbursed only for approved out pocket expenses directly chargeable to the Project, at actual cost incurred. Reimbursable expenses will include travel, lodging and meals when traveling at the City's request and on the City's behalf. These expenses shall conform to rates and allowances set forth in Florida State Statute, Sec 112.061, regarding per diem and traveling expenses. Identifiable communication expenses, reproduction costs, and special accounting expenses not applicable to general overhead shall be reimbursed at actual cost.

Section 4. Additional Services

4.1 Requests for Additional Services

The undertaking by the Professional to perform professional services defined within this Contract extends only to those services specifically described herein. If upon the request of the City, the Professional agrees to perform additional services hereunder, the City shall pay the Professional for the performance of such additional services an amount (in addition to all other amounts payable under this Agreement) based on an hourly fee in accordance with Professional's current personnel fee schedule, plus reimbursable expenses so incurred by the Professional; unless a lump sum addendum to this Contract is executed by the parties to this Contract which addresses the additional services.

4.2 Changes in Scope/Conditions

Additional Services shall include revisions to work previously performed that are required because of a change in the data or criteria furnished to the Professional, or a change in the scope of concept of the Project initiated by the City, or services that are required by changes in the requirements of public agencies, after work under this Contract has commenced.

Section 5. Use of Documents

5.1 Ownership of Original Documents

All deliverable analyses, reference data, survey data, plans and reports or any other form of written instrument or document that may result from the Professional's services or have been created during the course of the Professional's performance under this Contract shall become the property of and shall be delivered to the City after final payment is made to the Professional.

Section 6. Termination

6.1 Termination for Convenience

Either party upon a seven (7) day written notice to the other party may terminate this Contract. In the event of any termination, Professional shall be paid for all services rendered to the date of termination including all reimbursable expenses.

Section 7. CITY's Obligations

7.1 Data to be Furnished

The CITY shall provide Professional with all data, studies, surveys, plats and all other pertinent information concerning the Project in the possession of the CITY upon request.

7.2 Designated Representative

The Designated Representative of the City to act with authority on the City's behalf with respect to all aspects of the Project shall be identified in each Project Authorization.

Section 8. Persons Bound by Agreement

8.1 Parties to the Agreement

The persons bound by this Contract are the Professional and the City and their respective partners, successors, heirs, executors, administrators, assigns and other legal representative.

8.2 Assignment of Interest in Agreement

This Contract and any interest associated with this Contract may not be assigned, sublet or transferred by either party without the prior written consent of the other party. Nothing contained herein shall be construed to prevent Professional from employing such independent Professionals, associates and subcontractors as Professional may deem appropriate to assist in the performance of the services hereunder.

8.3 Rights and Benefits

Nothing herein shall be construed to give any rights or benefits arising from this Contract to anyone other than Professional and the City.

Section 9. Indemnification of City

Professional shall to the fullest extent allowed by law, defend, indemnify and hold harmless the CITY, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the Professional and other persons employed or utilized by the Professional in the performance of the contract. Specific consideration for this indemnity is \$10.00, the receipt and sufficiency of which are hereby acknowledged by Professional.

Professional shall obtain, maintain and pay for general liability insurance coverage to insure the provisions of this paragraph.

Section 10. Insurance.

10.1. Workers' Compensation

The Professional shall procure and maintain, during the life of this Contract, Worker's Compensation insurance as required by Florida Statutes, Chapter 440 for all of employees of the Professional engaged in work on the Project under this Contract.

10.2 Insurance Policy Limits

Professional shall procure and maintain insurance policies with at least the following coverage and amounts, during the life of this contract:

10.2.1 **General Liability Insurance.** In a combined single limit of \$1,000,000.00 per occurrence, \$2,000,000.00 aggregate.

10.2.2 **Automobile Liability Insurance.** In a combined single limit of \$250,000.00 each occurrence.

10.2.3 **Professional Liability or Errors and Omissions Insurance.** In a combined single limit of \$1,000,000.00 aggregate.

10.3 Insurance Cancellation

The Professional shall furnish to the City Certificates of Insurance allowing thirty (30) days notice for any change, cancellation, or non-renewal. If the insurance policies expire during the terms of the Contract, a renewal certificate or binder shall be filed with the City fifteen (15) days prior to the renewal date.

10.4 City to be Named Additional Insured

The plans and specifications and other contract documents to be prepared by Professional pursuant to this Contract shall require the insurance of liability of the person, firm or corporation which would, as contractor, perform the work described in such plans and specifications. The amounts of insurance shall be determined by the City. The City shall be named as "additional insured" with regard to the coverage of such policies of insurance.

10.5 Status of Claim.

The Professional shall be responsible for keeping the City currently advised as to the status of any claims made for damages against the Professional resulting from services performed under this Contract. The Professional shall send notice of claims related to work under this Contract to the City. Copies of the notices shall be sent by fax, hand delivery or regular mail to:

City Manager, City of Stuart
121 S.W. Flagler Avenue
Stuart, Florida 34994
FAX: (772) 288-5316

Section 11. Professional Standards

11.1 Other Agreements

THIS SECTION NOT USED.

11.2 Approvals Not Guaranteed

All work performed by Professional will be in accordance with the highest professional standards and in accordance with all applicable governmental regulations. However, Professional does not warrant or represent that any governmental approval will be obtained, only that the Professional will exercise its best efforts to obtain all such approvals contemplated under this Contract.

11.3 Governmental Regulations

Professional shall assure that work performed under each Project Authorization shall be in accordance with all applicable governmental regulations.

Section 12. Opinions of Cost

Since the Professional has no control over the cost of labor, materials, equipment or services furnished by others, or over methods of determining prices, or over competitive bidding, or market conditions, any and all opinions as to costs rendered hereunder shall be made on the basis of its experience and qualifications and represent its best judgment as an experienced and qualified Professional, familiar with the current market. The Professional cannot and does not guarantee that proposals, bids or actual costs will not vary from opinions of probable cost. If at any time the City wishes greater assurance as to the amount of any cost, the City shall employ an independent cost estimator to make such determination. Consulting services required to bring cost within any limitation established by the City will be paid for as additional services hereunder by the City.

Section 13. General Conditions

13.1 Venue in Martin County

Venue for any lawsuit to enforce the terms and obligations of this Contract shall lie exclusively in the County Court or the Circuit Court in and for Martin County, Florida.

13.2 Laws of Florida

The validity, interpretation, construction, and effect of this Contract shall be in accordance with and governed by the laws of the State of Florida.

13.3 Attorney's Fees and Costs

In the event the Professional defaults in the performance of any of the terms, covenants and conditions of this Contract, the Professional agrees to pay all damages and costs incurred by the CITY in the enforcement of this Contract, including reasonable attorney's fees, court costs and all expenses, even if not taxable as court costs, including, without limitation, all such fees, costs and expenses incident to appeals incurred in such action or proceeding.

13.4 Mediation as Condition Precedent to Litigation

Prior to the initiation of any litigation by the parties concerning this Contract, and as a condition precedent to initiating any litigation, the parties agree to first seek resolution of the dispute through non-binding mediation. Mediation shall be initiated by any party by serving a written request for same on the other party. The party shall, by mutual agreement, select a mediator within 15 days of the date of the

request for mediation. If the parties cannot agree on the selection of a mediator then the CITY shall select the mediator who, if selected solely by the CITY, shall be a mediator certified by the Supreme Court of Florida. The mediator's fee shall be paid in equal shares by each party to the mediation.

13.5 Contract Amendment

No modification, amendment or alteration in the terms or conditions contained in this Contract shall be effective unless contained in a written documents executed with the same formality and of equal dignity herewith. No verbal agreement by the CITY or the CITY's representative identified herein shall be binding or enforceable against the CITY.

Section 14. Exhibits

The following Exhibits are attached to and made a part of this Contract:

“**Exhibit A**” - "Proposal as Submitted by Professional and Accepted by City"

“**Exhibit B**” - “Original Request for Proposal as Issued by City, including all Addenda”

“**Exhibit C**” - "Professional's Personnel Hourly Rate Schedule"

“**Exhibit D**” - "Insurance and Indemnification"

IN WITNESS WHEREOF, the CITY and the Professional have made and executed this Contract the day and year first above written:

ATTEST:

CITY

Cheryl White
City Clerk

Troy McDonald
Mayor

APPROVED AS TO FORM
AND CORRECTNESS

Paul J. Nicoletti
City Attorney

WITNESSES:

PROFESSIONAL

(Signature)

(Signature)

(Signature)

(Printed Name & Title)

EXHIBIT A

**“PROPOSAL AS SUBMITTED BY PROFESSIONAL AND ACCEPTED BY THE CITY OF
STUART”**

EXHIBIT B

“ORIGINAL REQUEST FOR PROPOSAL AS ISSUED BY CITY”

EXHIBIT C

“PROFESSIONAL'S PERSONNEL HOURLY RATE SCHEDULE”

EXHIBIT D

“INSURANCE AND INDEMNIFICATION”

ATTACHMENT B

“SAMPLE”

WORK AUTHORIZATION
TO THE
AGREEMENT FOR CIVIL ENGINEERING SERVICES
BETWEEN THE CITY OF STUART AND
THE FIRM OF
XXXXXXXXXX

PROJECT DESCRIPTION: *NAME OF PROJECT*

I. PURPOSE

This is an attachment to the Master Agreement for Civil Engineering Services dated XXXXX between the City of Stuart (CITY) and the firm of XXXXX. (PROFESSIONAL) and made a part thereof. The purpose of this Project Authorization is to specify the required services of the PROFESSIONAL to design xxxx, prepare Construction documents, provide Bidding Phase services, and to provide Construction Phase services for the *Project Name*.

II. PROFESSIONAL'S SERVICES

The PROFESSIONAL shall design xxxx, prepare Construction documents, provide Bidding Phase services, and Construction Phase services for the *Project Name*.

III. GENERAL SCOPE OF WORK

The PROFESSIONAL's services shall include, but not be limited to, the following items:

A. TASK A: DESIGN AND PERMITTING

1. Data Collection
2. Analysis of xxxxxx
3. Design of xxxxxx
4. Preparation of Technical Specifications
5. Monthly meetings with CITY staff
6. The PROFESSIONAL shall procure the necessary permits required for the items described in this Project Authorization.
7. Prepare minutes and agendas for all meetings and submit to the CITY.

B. TASK B: CONSTRUCTION DOCUMENTS

1. The PROFESSIONAL shall prepare complete Construction Drawings (100% drawings) and specifications for the work as described in III.A. (above).
2. Drawings shall be furnished to the CITY in reproducible form and to a satisfactory scale. They shall be accurate, legible, complete and suitable for

bidding purposes. The PROFESSIONAL shall furnish, when requested, all necessary prints, sepias and other information during the design process, for review by the CITY, utility suppliers and other parties having jurisdiction and to fulfill requests by other government agencies and the public. The construction drawings must meet the following minimum plans and design documentation packaging requirements:

Plan sets:

- a. Cover / Key Sheet
- b. Summary of Pay Items
- c. Reference Points
- d. Typical Sections
- e. Miscellaneous Detail Sheet

3. Based upon the final Construction Documents, the PROFESSIONAL shall prepare and submit an estimate of probable cost for construction.

C. TASK C: BIDDING PHASE SERVICES

The PROFESSIONAL shall:

1. Attend Pre-Bid Conference.
2. Prepare Pre-Bid Meeting Minutes.
3. Respond to questions during bidding, as needed.
4. Review bid submittals for compliance with the plans and specifications, and prepare a comparative bid analysis.
5. Make a recommendation for award based on bids received and reference checks.

D. TASK D: CONSTRUCTION PHASE SERVICES

1. The PROFESSIONAL's responsibility to provide Construction Phase Services under this agreement commences with the award of each Contract for Construction and terminates at the earlier of the issuance by the CITY of the final Certificate for Payment or 30 days after the date of Substantial Completion of the Work, but may be extended.
2. The PROFESSIONAL shall attend and administer the preconstruction conference.
3. Visits to Site and Observation of Construction: In connection with observations of the work of Contractor(s) while it is in progress, PROFESSIONAL shall make visits to the site at intervals appropriate to the various stages of construction as PROFESSIONAL deems necessary in order to observe as an experienced and qualified design professional the progress of the various aspects of Contractor(s)' work.
4. Defective Work: During such visits and on the basis of such observations, PROFESSIONAL may disapprove or reject Contractor(s)' work while it is in progress if PROFESSIONAL believes that such work will not produce a completed PROJECT that conforms to the Contract Documents or that it will

- prejudice the integrity of the design concept of the PROJECT as reflected in the Contract Documents.
5. Interpretations and Clarifications: PROFESSIONAL shall issue necessary interpretations and clarifications of the Contract Documents and in connection therewith prepare work directive changes and change orders as required.
 6. Shop Drawings: PROFESSIONAL shall review and approve (or take other appropriate action in respect of) Shop Drawings, samples and other data which Contractor(s) are required to submit, but only for conformance with the design concept of the PROJECT.
 7. Substitutes: PROFESSIONAL shall evaluate and determine the acceptability of substitute materials and equipment proposed by Contractor(s).
 8. Inspections and Tests: PROFESSIONAL shall have authority, as CITY's representative, to require special inspection or testing of the work, and shall receive and review all certificates of inspections, testings and approvals required by laws, rules, regulations, ordinances, codes orders or the Contract Documents (but only to determine generally that their content complies with the requirements of, and the results certified indicate compliance with, the Contract Documents).
 9. Disputes between CITY and Contractor: PROFESSIONAL shall act as initial interpreter of the requirements of the Contract Documents and judge of the acceptability of the work thereunder and make decisions on all claims of CITY and Contractor(s) relating to the acceptability of the work or the interpretation of the requirements of the Contract Documents pertaining to the execution and progress of the work.
 10. Applications for Payment: Based on PROFESSIONAL's on-site observations as an experienced and qualified design professional, and on review of applications for payments and the accompanying data and schedules:
 - a. PROFESSIONAL shall verify the amounts owing to Contractor(s) and recommend in writing payments to Contractor(s) in such amounts. Such recommendations of payment will constitute a representation to CITY, based on such observations and review, that the work has progressed to the point indicated, and that, to the best of PROFESSIONAL's knowledge, information and belief, the quality of such work is in accordance with the Contract Documents (subject to an evaluation of such work as a functioning whole prior to or upon Substantial Completion, to the results of any subsequent tests called for in the Contract Documents and to any other qualifications stated in the recommendation). In the case of unit price work, PROFESSIONAL's verifications of payment will include determinations of quantities and classifications of such work (subject to any subsequent adjustments allowed by the Contract Documents).
 11. Contractor(s)' Completion Documents: PROFESSIONAL shall receive and review maintenance and operating instructions, schedules, guarantees, bonds and certificates of inspection, tests and approvals which are to be assembled by Contractor(s) in accordance with the Contract Documents and shall transmit them

to the CITY with written comments.

12. Inspections: PROFESSIONAL shall conduct an inspection to determine if the work is substantially complete and a final inspection to determine if the completed work is acceptable to the CITY and other governing agencies so that PROFESSIONAL may recommend, in writing, final payment to Contractor(s) that the work is acceptable (subject to any conditions therein expressed).
13. Closeout: PROFESSIONAL shall provide assistance in the closing of any financial or related transaction for the PROJECT (project closeout book, summary of testing, rectifying change orders, final pay estimate, summary of Resident Project Representative (RPR) time, PROFESSIONAL and owner certification letter).
14. As-Built Drawings: PROFESSIONAL shall prepare a set of mylar record prints of Drawings (3 sets of prints and 1 CD) showing those changes made during the construction process, based on the marked-up prints, drawings and other data furnished by Contractor(s) to PROFESSIONAL and which PROFESSIONAL considers significant, including ALP Update.

IV. CITY RESPONSIBILITIES

The CITY will provide specific data for *project*.

V. WARRANTY

The PROFESSIONAL warrants that the plans and specifications produced as a result of this contract are complete, correct and suitable for the purpose intended.

VI. AMERICANS WITH DISABILITIES

The PROFESSIONAL shall ensure compliance with all applicable governmental accessibility standards, including without limitation those applicable under Section 35.151 CFR.

VII. DELIVERABLES

The PROFESSIONAL shall supply 60%, 90%, and 100% Plans and Specifications to the CITY for review. Each draft submittal shall include two copies of the draft Plans and Specifications. The PROFESSIONAL shall submit to the CITY the final Plans and Specifications in the following amounts:

1. Unsealed Copy of Final Plans – 1 set
2. Sealed Copy of Final Plans – 1 set
3. Digital Copy of Final Plans – 1 copy
4. Unbound set of Technical Specifications – 1 set
5. Digital Copy of Technical Specifications – 1 copy

VIII. PLAN AND SPECIFICATIONS REPRODUCTION

The PROFESSIONAL will provide two (2) sets of the plans and specifications for bidding purposes. One set is to be a signed and sealed record set. The cost of these sets is included in the design costs paid the PROFESSIONAL as compensation for services required under this Project Authorization. If additional sets of Construction Documents are required by the City, the PROFESSIONAL shall furnish such sets at cost. Payment for such additional sets shall be promptly made by the CITY, upon properly supported invoices, submitted by PROFESSIONAL.

IX. PLANS AND DOCUMENT OWNERSHIP

The original plans and specifications will become the property of the CITY upon completion of this Project. Computer systems (CADD) are to be used in the preparation of the construction plans; a copy of all electronic data and drawing files are to be submitted on CD media. These will utilize AutoCAD version 14.0 or 2000 software. If other software is used, it is to be translated to the aforementioned software. The supplied disks are to include all point and working files.

X. SCHEDULES AND TIME CONSTRAINTS

Within ten (10) days after receiving the Notice to Proceed, the PROFESSIONAL shall provide a schedule and an anticipated payment schedule. The total time allowed for the PROFESSIONAL's services required under this Project Authorization shall be XXXX (XX) months from the date of the Notice to Proceed. The construction documents shall be completed within XXX (X) months from the date of the Notice to Proceed.

XI. COMPENSATION

Payment for all services will be in accordance with the Standard Agreement for Civil Engineering Services. Total compensation shall, based on the man hours shown in Exhibit A, for all services, material, supplies and any other items or requirements necessary to complete the work as described herein to include actual salary costs, overhead and profit in an amount equal to 100% of actual salary cost and reimbursement of actual direct non-salary expenses shall not exceed XXXXXX dollars (\$XXXX). Out of pocket expenses including postage, printing, copying, and long distance telephone calls shall be billed as a reimbursable expense at the PROFESSIONAL's actual cost. Reimbursable expenses shall not exceed XXXXX dollars (\$XXXX); therefore total compensation for all work shall not exceed XXXXXXXX dollars (\$XXXX).

[REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, the parties have made and executed this Agreement, the day and year first above written.

PROFESSIONAL: *FIRM*

(SEAL)

By: _____
(Signature)

BY _____
Corporate Officer Name & Title

Date _____

ATTEST:

=====

APPROVED AS TO COMPLIANCE WITH PURCHASING & CONTRACTS
POLICIES AND PROCEDURES

Charles T. Iverson
Procurement Manager

Date _____

=====

TECHNICAL PROVISIONS OF CONTRACT AND BUDGETARY REQUIREMENTS
APPROVED

Samuel T. Amerson
Director Public Works

Date _____

=====

CITY OF STUART

BY: _____
Paul Nicoletti
City Manager

Date _____

=====

APPROVED AS TO FORM AND LEGALITY FOR THE USE AND BENEFIT OF
STUART CITY ONLY

Michael J. Mortell
City Attorney

Date _____

EXHIBIT 'A'

Position	Hours	Hourly Rate	Total Fee
Principal			
Project Manager			
CAD Technician			
Clerical			
Subconsultants			
Hydrogeologic			
Electrical			
Surveying			
TOTAL COMPENSATION			



City of Stuart

121 S.W. Flagler Avenue • Stuart • Florida 34994
Telephone (772) 288-5320

Department of Financial Services

Procurement & Contracting Services Division
Charles T. Iverson, Procurement Manager

Fax: (772) 600-1202
tiverson@ci.stuart.fl.us

Date: June 5, 2014, 2014
To: All Prospective Proposers
Subj: Addendum #1 to RFP #2014-146, Professional Engineering Services

ADDENDUM #1

This addendum is issued to expand the scope of services for this project:

To Section II, Scope of Service add item T:

- T. Preparation of design studies, design plans and design specifications for water distribution, wastewater collection, and reclaimed water systems, specific water and wastewater process control evaluations and reports, and other related water, wastewater, and reclaimed water projects.

This Addendum must be acknowledged, signed and returned with your proposal. Failure to comply may result in disqualification of your proposal.

Sincerely,

Charles T. Iverson
Purchasing Manager
City of Stuart, Florida

Acknowledgement is hereby made of Addendum #1 to RFP #2014-146, Professional Engineering Services.

Signature

Date

Firm

EXHIBIT C

**“PROFESSIONAL'S PERSONNEL HOURLY RATE SCHEDULE”
(ATTACHED, NEXT PAGE)**



**REI #2014-146
EXHIBIT C**

“PROFESSIONAL’S PERSONNEL HOURLY RATE SCHEDULE”

Principal	\$200.00
Project Manager	\$185.00
Assistant Project Manager	\$130.00
Senior Engineer	\$115.00
Engineering Analyst	\$90.00
Engineering Technician	\$75.00
Field Representative	\$95.00
Registered Land Surveyor	\$135.00
Survey Technician	\$78.00
Survey Crew (2-man)	\$105.00
Secretary	\$60.00

Approved by:

**Brian A. Good, P.E.
Sr. Vice President**

EXHIBIT D

“INSURANCE AND INDEMNIFICATION”



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
9/11/2014

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

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

PRODUCER Greyling Insurance Brokerage 450 Northridge Parkway Suite 102 Atlanta GA 30350	CONTACT NAME: Jerry Noyola PHONE (A/C No. Ext): (770)552-4225 E-MAIL ADDRESS: jerry.noyola@greyling.com	FAX (A/C No.): (866)550-4082
	INSURER(S) AFFORDING COVERAGE	
INSURED Kimley-Horn and Associates, Inc. P.O. Box 33068 Raleigh NC 27636	INSURER A: National Union Fire Ins Co NAIC # 19445	
	INSURER B: Commerce & Industry Insurance 19410	
	INSURER C: New Hampshire Insurance Company 23841	
	INSURER D: Lloyd's of London 085202	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER:**14-15 (Kimley Sharda) **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY			GL 9645227	4/1/2014	4/1/2015	EACH OCCURRENCE	\$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 500,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						MED EXP (Any one person)	\$ 25,000
	<input checked="" type="checkbox"/> Contractual Liability						PERSONAL & ADV INJURY	\$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	\$ 2,000,000
	<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC						PRODUCTS - COMP/OP AGG	\$ 2,000,000
								\$
A	AUTOMOBILE LIABILITY			CA 4982985	4/1/2014	4/1/2015	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person)	\$
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per accident)	\$
	<input type="checkbox"/> HIRED AUTOS	<input type="checkbox"/> NON-OWNED AUTOS					PROPERTY DAMAGE (Per accident)	\$
								\$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB	<input checked="" type="checkbox"/> OCCUR		BE58430948	4/1/2014	4/1/2015	EACH OCCURRENCE	\$ 5,000,000
	<input type="checkbox"/> EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE					AGGREGATE	\$ 5,000,000
	<input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000							\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			WC 018112556 (AOS)	4/1/2014	4/1/2015	<input checked="" type="checkbox"/> WC STATUTORY LIMITS	OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N	N/A	WC 018112557 (CA)	4/1/2014	4/1/2015	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 Liability			B0879P070831401	4/1/2014	4/1/2015	Per Claim	\$2,000,000
							Aggregate	\$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
Re: Project #149419xxx; REI #2014-146; Brian Good. The City of Stuart is named as an Additional Insured on the above referenced liability policies with the exception of workers compensation & professional liability where required by written contract.

CERTIFICATE HOLDER

CANCELLATION

City of Stuart Risk Manager/Insurance Compliance 121 SW Flagler Avenue Stuart, FL 34994	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE David Collings/JERRY <i>David A. Collings</i>