Florida's Warmest Welcome

CITY OF POMPANO BEACH
REQUEST FOR QUALIFICATIONS
E-16-18

DESIGN AND CONSULTING SERVICES FOR FIVE BRIDGES WITHIN CITY LIMITS

MANDATORY PRE-PROPOSAL CONFERENCE:
OCTOBER 2, 2018, 3:00 P.M.
PUBLIC WORKS CONFERENCE ROOM
1201 NE 5TH AVENUE
POMPANO BEACH, FLORIDA 33060

RFQ OPENING: OCTOBER 26, 2018, 2:00 P.M.
PURCHASING OFFICE
1190 N.E. 3RD AVENUE, BUILDING C (Front)
POMPANO BEACH, FLORIDA 33060

September 26, 2018

CITY OF POMPANO BEACH, FLORIDA

REQUEST FOR QUALIFICATIONS (RFQ)
E-16-18
DESIGN AND CONSULTING SERVICES FOR FIVE BRIDGES WITHIN CITY LIMITS

Pursuant to Florida Statutes Chapter 287.055 "Consultants' Competitive Negotiation Act" the City of Pompano Beach invites professional firms to submit qualifications and experience for consideration to provide professional consulting services to the City for the planning and design of five bridges within City limits.

The City will receive sealed proposals until **2:00 p.m. (local), October 26, 2018**. Proposals must be submitted electronically through the eBid System on or before the due date/time stated above. Any proposal received after the due date and time specified, will not be considered. Any uncertainty regarding the time a proposal is received will be resolved against the Proposer.

MANDATORY PRE-PROPOSAL CONFERENCE
A mandatory pre-proposal conference will be held on October 2 2018 beginning at 3:00 p.m. (local) in the Engineering Large Conference Room, 1201 N. E. 5th Avenue, Pompano Beach, Florida 33060. Proposals will not be accepted from firms that do not attend the pre-proposal conference.

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

A. Scope Of Services

The City of Pompano Beach Engineering Department (CITY) has identified major projects and programs within the CITY boundaries with the goal to make the City more attractive to residents, visitors and tourists and promote economic growth and activity as detailed in the City's Strategic Plan.

The intent of this Request for Qualifications (RFQ) is to select the most qualified firm(s) based on selection committee recommendations and City Commission approved ranking, consisting of professional design and consulting services for bridges at SE 5th Avenue, Terramar Drive, McNabb Road, the Palm Aire bridge to the Herb Skolnick Center, and the Palm Aire bridge spanning the C-14 canal. Work to be accomplished under this contract is related, but not limited to design and replacement of multiple bridges in Pompano Beach for which combined design and construction costs are expected to exceed $2,000,000.00 subject to Staff's recommendations and City Commission's approval.

The City intends to issue a single contract to an engineering, planning, architecture, landscape architecture firm to provide professional consulting services to the City for the planning and design of five bridges within City limits. The City reserves the right to issue multiple contracts and select more than firm.

The CITY, as part of the City's Capital Improvement Program and Strategic Plan, are providing for the replacement and upgrade of bridges throughout the City. The proposed improvements include, but are not restricted to, demolition of existing structures; realignment of bridge approach; installation/upgrade/replacement of utilities (drainage, water, sewer and irrigation), if necessary; new decorative lighting on or near the bridges; American with Disabilities Act (ADA)-compliant walkways; pavement (driveways/access roads); landscaping (trees, palms, groundcovers, etc.); possible conversion of existing overhead utilities (e.g. electric, telephone and cable TV) to underground distribution; alarm system, if applicable; full structural design and construction administration services for the replacement of bridges; and, other improvements outlined in the final construction plans. The proposed improvements may not occur at the same time, and the City may wish to phase construction efforts as necessary.

The Scope of Services may include, but is not limited, to the following:

Prepare preliminary design reports, project schedules, feasibility analyses, site plans and/or design alternative recommendations and preliminary cost estimates. Identify any design restrictions resulting from lack of right-of-way or unusual roadway approach configurations. Confirm right-of-way availability to complete designs in accordance with desirable bridge and roadway cross-sections.

Identify any tests that may be necessary to carry out a sound design including soils, concrete strength, permeability/percolation, density, pot-holing, etc.

Prepare a detailed cost estimate at the 30%, 60% and 90% design intervals to confirm initial budget allocations and/or to seek City's advice before proceeding with final designs. The firm will be responsible for cost controls throughout the design and construction project except for design and construction elements added or deleted by an expressed City directive.

Conduct presentations to elected officials, advisory boards, staff, and the public.

Prepare all required bidding and construction documents for the projects. This will include preparing surveys, design plans, supplementary contract requirements, technical specifications, cost estimates, responses to requests for Information (RFIs). The firm(s) will be expected to provide Construction Administration services and certified the project(s).

Prepare plans for review and approval by Development Review Committee (DRC); Planning and Zoning (P&Z); Architectural Appearance Committee (AAC); City's Building Department; Broward County Traffic Engineering; Broward County Water Resources; Florida Department of Health (HRS); Florida Department of Environmental Protection (FDEP); Florida Department of Transportation (FDOT); U. S. Army Corps of Engineers (USACE); U.S. Coast Guard; and/or, any other government agency or City Department having jurisdiction or requiring plan review and approval.

Attendance at City Commission, Advisory Committee meetings, pre-design, design, bidding and bid award meetings will may be required.

Firms and/or any sub-consultants must have previous experience in infrastructure projects, and must be licensed to practice Professional Engineering, Architecture, Landscape Architecture, Electrical Engineering, and Irrigation in the State of Florida.

Compliance with all state and local codes, laws and ordinances, including but not limited to the CITY, OSHA, Federal and State ADA Standards for Accessible Design, Broward County Building Department, and the latest edition of the Florida Building Code, including the latest amendments to these codes is mandatory. Incorporation of the CITY's security and information technology requirements may be required.

B. Eligibility

Due to the requirement that the Contractor needs to be readily available for meetings, discussions and tours within the areas of responsibility, it will be necessary for any proposers to have an office physically located within the tri-county areas of Miami-Dade, Broward, and Palm Beach County. This office must be an active facility from which consultant services are routinely provided and not merely a post office box or other type of mail drop, nor can it be the office of simply a representative agent. The CITY reserves the right to inspect any facility designated by the proposer to insure that it complies with this section.

Each partner of joint ventures must individually meet the conditions of the Professional Designer's Evaluation. Designer's License may not have been suspended, put on probation or revoked at any time in the last five (5) years.

Limited Liability Corporations (LLC) will be required to comply with a Guaranty of Obligations.

C. Local Business Program

On March 13, 2018, the City Commission approved Ordinance 2018-112, establishing a Local Business Program, a policy to increase the participation of City of Pompano Beach businesses in the City's procurement process.

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

1. **TIER 1 LOCAL VENDOR.** POMPANO BEACH BUSINESS EMPLOYING POMPANO BEACH RESIDENTS. A business entity which has maintained a permanent place of business within the city limits and maintains a staffing level, within this local office, of at least ten percent who are residents of the City of Pompano Beach or includes subcontracting commitments to Local Vendors Subcontractors for at least ten percent of the contract value. The permanent place of business may not be a post office box. The business must be located in a non-residential zone, and must actually distribute goods or services from that location. The business must be staffed with full-time employees within the limits of the city. In addition, the business must have a current business tax receipt from the City of

Pompano Beach for a minimum of one year prior to the date of issuance of a bid or proposal solicitation.

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

3. **LOCAL VENDOR SUBCONTRACTOR.** POMPANO BEACH BUSINESS. A business entity which has maintained a permanent place of business within the city limits of the City of Pompano Beach. The permanent place of business may not be a post office box. The business must be located in a non-residential zone, and must actually distribute goods or services from that location. The business must be staffed with full-time employees within the limits of the city. In addition, the business must have a current business tax receipt from the City of Pompano Beach for a minimum of one year prior to the date of issuance of a bid or proposal solicitation.

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

The City of Pompano Beach is **strongly committed** to insuring the participation of City of Pompano Beach Businesses as contractors and subcontractors for the procurement of goods and services, including labor, materials and equipment.
Failure to meet Local Vendor Goal commitments will result in "unsatisfactory" compliance rating. Unsatisfactory ratings may impact award of future projects if a sanction is imposed by the City Commission.

The required percentage for local sub-contractor participation will addressed in the construction phase each bridge project, but local preference percentage described below shall apply to this solicitation.

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

1. For evaluation purposes, the Tier 1 and Tier 2 businesses shall be a criterion for award in this Request for Proposal (RFP). No business may qualify for more than one tier level.

2. For evaluation purposes, local vendors shall receive the following preferences:

   a. Tier 1 business as defined by this subsection shall be granted a preference in the amount of five percent of total score.

   b. Tier 2 business as defined by this subsection shall be granted a preference in the amount of two and one-half percent of total score.

3. It is the responsibility of the awarded vendor/contractor to comply with all Tier 1&2 guidelines. The awarded vendor/contractor must ensure that all requirements are met before execution of a contract.

D. Required Proposal Submittal

Submission/Format Requirements

Sealed proposals shall be submitted electronically through the eBid System on or before the due date/time stated above. Proposer shall upload response as one (1) file to the eBid System. The file size for uploads is limited to 100 MB. If the file size exceeds 100 MB the response must be split and uploaded as two (2) separate files.

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

Title page:
Show the "Request for Qualifications" project title, project number, the name of the Respondent firm, address, telephone number, name of contact person and date.

Table of Contents:
Clearly identify the section, topic, and page number.

Letter of Transmittal:
A Letter of Interest, signed by an authorized representative of your firm, expressing your understanding of the project and expressing a positive commitment to provide the services described herein. In the letter, include:

- complete corporate name of the primary firm responding
- applicable Federal Tax Identification Number
- address
- telephone and fax numbers
- name, title, and email of the person to contact regarding your submission

Please limit this section to two pages.

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

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

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

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

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

Resumes of Key Personnel
Include resumes for key personnel for prime and subconsultants.

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

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

Office Locations:
Identify the location of the office from which services will be rendered, and the number of professional and administrative staff at the prime office location. Also identify the location of office(s) of the prime and/or sub consultants that may be utilized to support any or all of the professional services listed above and the number of professional and administrative staff at the prime office location.

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

Minority Business Enterprises:
It is the intent of the City of Pompano Beach to encourage minority and women owned firms to participate in the process. The methods by which this is accomplished should be developed and presented by the respondents in their submissions.

For any member of your team that is a certified Minority Business Enterprise (as defined by the State of Florida) you must include copies of their certifications for them to be considered toward Item 5 in the evaluation criteria. Complete Exhibit I and include all certificates in your electronic submittal.

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

City Forms:
Responses should include Essential Requirements Questionnaire, Organization Performance/Declarations form, and all other City forms as stated above. Required forms must be completed and submitted electronically through the City's eBid System.

E. Insurance

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

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

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

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

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

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

B. Liability Insurance.

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

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

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

PROFESSIONAL LIABILITY	Per Occurrence	Aggregate
XX * Policy to be written on a claims made basis	$1,000,000	$1,000,000

(3) If Professional Liability insurance is required, Contractor agrees the indemnification and hold harmless provisions set forth in the Agreement shall survive the termination or expiration of the Agreement for a period of four (4) years unless terminated sooner by the applicable statute of limitations.

CYBER LIABILITY	Per Occurrence	Aggregate
__ * Policy to be written on a claims made basis	$1,000,000	$1,000,000

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

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

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

(1) Certificates of Insurance evidencing the required coverage;

(2) Names and addresses of companies providing coverage;

(3) Effective and expiration dates of policies; and

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

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

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

apply to any policy which includes a condition to the policy not specifically prohibiting such an endorsement, or voids coverage should CONTRACTOR enter into such an agreement on a pre-loss basis.

F. Selection/Evaluation Process

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

The Committee will rank responses based upon the following criteria.

	Criteria	Point Range
1	**Overall approach, methodology**: Explain the firm's approach to these types of projects from initial involvement through the final construction phases. Include methods used during construction to monitor similar projects and resolve issues as well as methods of sequencing and coordination among the firm's trades to minimize conflict and errors.	0-20
2	**Prior experience** with projects of similar size and scope. Familiarity with City of Pompano Beach standards. a. Number of similar projects b. Complexity of similar projects c. References from past projects d. Safety record	0-40
3	**Qualifications of personnel**: The general and specific project related capability of the in-house office and field support, including previous experience with similar projects. This includes reasonable commitment from assigned personnel throughout the project. a. Number of technical staff b. Qualifications of technical staff: (1) Number of licensed staff (2) Education of staff (3) Experience of staff	0-25
4	**Scheduling/Cost Control**: A description of the Firm's general project management, scheduling, and cost controls indicating functions and capabilities, with emphasis on the Firm's ability to prevent cost overruns or change orders.	0-10
5	Is the firm a certified minority business enterprise as defined by the Florida Small and Minority Business Assistance Act of 1985? (include sub-consultants)	0-5

Total Points 0-100

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

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

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

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

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

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

G. Hold Harmless and Indemnification

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

H. Right to Audit

Contractor's records which shall include but not be limited to accounting records, written policies and procedures, computer records, disks and software, videos, photographs,

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

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

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

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

I. Retention of Records

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

a. Keep and maintain public records required by the City in order to perform the service;

b. Upon request from the City's custodian of public records, provide the City with a copy of requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes or as otherwise provided by law;

c. Ensure that public records that are exempt or that are confidential and exempt from public record requirements are not disclosed except as authorized by law;

d. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by

law for the duration of the contract term and following completion of the contract if the Contractor does not transfer the records to the City; and

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

J. Communications

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

K. No Discrimination

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

L. Independent Contractor

The selected firm will conduct business as an independent contractor under the terms of this contract. Personnel services provided by the firm shall be by employees of the firm and subject to supervision by the firm, and not as officers, employees, or agents of the City. Personnel policies, tax responsibilities, social security and health insurance, employee benefits, purchasing policies and other similar administrative procedures applicable to services rendered under this agreement shall be those of the firm.

M. Staff Assignment

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

N. Contract Terms

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

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

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

O. Waiver

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

P. Survivorship Rights

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

Q. Termination

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

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

R. Manner of Performance

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

Proposer agrees that the services provided under the contract resulting from this RFQ shall be provided by employees that are educated, trained and experienced, certified and licensed in all areas encompassed within their designated duties. Proposer agrees to furnish the City of Pompano Beach with all documentation, certification, authorization,

license, permit, or registration currently required by applicable laws or rules and regulations. Proposer further certifies that it and its employees are now in and will maintain good standing with such governmental agencies and that it and its employees will keep all license, permits, registration, authorization or certification required by applicable laws or regulations in full force and effect during the term of this contract. Failure of Proposer to comply with this paragraph shall constitute a material breach of contract.

S. Acceptance Period

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

T. RFQ Conditions and Provisions

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

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

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

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

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

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

U. Standard Provisions

a. Governing Law

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

b. Licenses

In order to perform public work, the successful Proposer shall:
Be licensed to do business in Florida, if an entity, and hold or obtain such Contractor' and Business Licenses if required by State Statutes or local ordinances.

c. Conflict Of Interest

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

d. Drug Free Workplace

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

e. Public Entity Crimes

A person or affiliate who has been placed on the convicted vendor list following a conviction for public entity crime may not submit a proposal on a contract to provide any goods or services to a public entity, may not submit a proposal on a contract with a public entity for the construction or repair of a public building or public work, may not submit proposals on leases of real property to public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Florida Statute, Section 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

f. Patent Fees, Royalties, And Licenses

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

g. Familiarity With Laws

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

h. Withdrawal Of Proposals

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

i. Composition Of Project Team

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

j. Invoicing/Payment

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

k. Public Records

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

    a. Keep and maintain public records required by the City in order to perform the service;

    b. Upon request from the City's custodian of public records, provide the City with a copy of requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes or as otherwise provided by law;

    c. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the Contractor does not transfer the records to the City; and

    d. Upon completion of the contract, transfer, at no cost to the City, all public records in possession of the Contractor, or keep and maintain public records required by the City to perform the service. If the Contractor transfers all public records to the City upon completion of the contract,

the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public records upon completion of the contract, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City's custodian of public records in a format that is compatible with the information technology systems of the City.

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

PUBLIC RECORDS CUSTODIAN

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

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

V. Questions and Communication

All questions regarding the RFQ are to be submitted using the Questions feature in the eBid System. Questions must be received at least seven (7) calendar days before the scheduled solicitation opening. Oral and other interpretations or clarifications will be without legal effect. Addenda will be posted to the RFQ solicitation in the eBid System, and it is the Proposer's responsibility to obtain all addenda before submitting a response to the solicitation.

W. Addenda

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

addenda were issued and to make such addenda a part of their proposal. Addenda will be posted to the RFQ solicitation in the eBid System.

X. Contractor Performance Report

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

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

PROJECT TEAM

RFQ NUMBER _____

Federal I.D.#_____

PRIME

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

SUB-CONSULTANT

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

(use attachments if necessary)

Exhibit – Contractor Performance Report

City of Pompano Beach, Purchasing Division
1190 N.E. 3rd Avenue, Building C
Pompano Beach, Florida, 33060

CITY OF POMPANO BEACH
CONTRACTOR PERFORMANCE REPORT

1. Report Period: from _____ to _____

2. Contract Period: from _____ to _____

3. Bid# & or P.O.#: _____

4. Contractor Name: _____

5. City Department: _____

6. Project Manager: _____

7. Scope of Work (Service Deliverables): _____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Exhibit – Contractor Performance Report

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

RATINGS

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

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

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

Would you select/recommend this contractor again? _____ Yes _____ No

Please attach any supporting documents to this report to substantiate the ratings that have been provided.

Ratings completed by (print name)	Ratings completed by signature	Date
Department Head (print name)	Department Head Signature	Date
Vendor Representative (print name)	Contractor Representative Signature	Date

Comments, corrective actions etc., use additional page if necessary:

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

ORGANIZATION, HISTORY, ORGANIZATIONAL PERFORMANCE, COMPLIANCE WITH CIVIL AND CRIMINAL LAWS

A. Current Organization and Structure of the Business

For Firms That Are Corporations:

1a. Date Incorporated: _____

1b. Under the laws of what state: _____

1c. Provide all the following information for each person who is either (a) an officer of the corporation (president, vice president, secretary, and treasurer), or (b) the owner of at least ten per cent of the corporation's stock.

Name: _____

Position: _____

Years with Company: _____

% Ownership: _____

Social Security #: _____

1d. Identify every construction firm that any person listed above has been associated with (as owner, general partner, limited partner or officer) at any time during the last five years.

NOTE: For this question, "owner" and "partner" refer to ownership of ten percent or more of the business, or 10 percent or more of its stock, if the business is a corporation.

Person's Name: _____

Construction Firm: _____

Dates of Person's Participation with Firm: _____

For Firms That Are Partnerships:

1a. Date of formation: _____

1b. Under the laws of what state: _____

1c. Provide all the following information for each partner who owns 10 per cent or more of the firm.

Name: _____

Position: _____

Years with Company: _____

% Ownership: _____

Social Security #: _____

1d. Identify every construction company that any partner has been associated with (as owner, general partner, limited partner or officer) at any time during the last five years.

NOTE: For this question, "owner" and "partner" refer to ownership of ten per cent or more of the business, or ten per cent or more of its stock, if the business is a corporation.

Person's Name: _____

Construction Firm: _____

Dates of Person's Participation with Firm: _____

For Firms That Are Sole Proprietorships:

1a. Date of commencement of business.

1b. Social security number of company owner.

1c. Identify every construction firm that the business owner has been associated with (as owner, general partner, limited partner or officer) at any time during the last five years.

NOTE: For this question, "owner" and "partner" refer to ownership of ten per cent or more of the business, or ten per cent or more of its stock, if the business is a corporation.

Person's Name: _____

Construction Firm: _____

Dates of Person's Participation with Firm: _____

For Firms That Intend to Make a Bid as Part of a Joint Venture:

1a. Date of commencement of joint venture.

1b. Provide all of the following information for each firm that is a member of the joint venture that expects to bid on one or more projects:

Name of firm: _____

% Ownership of Joint Venture: _____

B. History of the Business and Organizational Performance

1. Has there been any change in ownership of the firm at any time during the last three years?

NOTE: A corporation whose shares are publicly traded is not required to answer this question.

____Yes ____No

If "yes," explain on a separate signed page.

2. Is the firm a subsidiary, parent, holding company or affiliate of another construction firm?

NOTE: Include information about other firms if one firm owns 50 percent or more of another, or if an owner, partner, or officer of your firm holds a similar position in another firm.

____Yes ____No

If "yes," explain on a separate signed page.

3. Are any corporate officers, partners or owners connected to any other construction firms?

NOTE: Include information about other firms if an owner, partner, or officer of your firm holds a similar position in another firm.

____Yes No

If "yes," explain on a separate signed page.

4. State your firm's gross revenues for each of the last three calendar years:

2017_____2016_____2015_____

5. How many years has your organization been in business in Florida as a contractor under your present business name and license number? ___ years

6. Is your firm currently the debtor in a bankruptcy case?

____Yes ____No

If "yes," please attach a copy of the bankruptcy petition, showing the case number, and the date on which the petition was filed.

7. Was your firm in bankruptcy at any time during the last five years? (This question refers only to a bankruptcy action that was not described in answer to question 7, above)

____Yes ____No

If “yes,” please attach a copy of the bankruptcy petition, showing the case number and the date on which the petition was filed, and a copy of the Bankruptcy Court’s discharge order, or of any other document that ended the case, if no discharge order was issued.

C. Licenses

1. List all Florida construction license numbers, classifications and expiration dates of the Florida contractor licenses held by your firm:

_____

_____

_____

_____

_____

_____

2. If any of your firm’s license(s) are held in the name of a corporation or partnership, list below the names of the qualifying individual(s) listed on the Contractors State Licensing Board (CSLB) records who meet(s) the experience and examination requirements for each license.

_____

_____

_____

3. Has your firm changed names or license number in the past five years?

____Yes ____No

If “yes,” explain on a separate signed page, including the reason for the change.

4. Has any owner, partner or (for corporations) officer of your firm operated a construction firm under any other name in the last five years?

____Yes ____No

If “yes,” explain on a separate signed page, including the reason for the change.

5. Has a State of Florida license(s) held by your firm been suspended within the last five years?

____Yes ____No

If “yes,” please explain on a separate signed sheet.

D. Disputes

1. At any time in the last five years has your firm been assessed and paid liquidated damages after completion of a project under a construction contract with either a public or private owner?

____Yes ____No

If yes, explain on a separate signed page, identifying all such projects by owner, owner’s address, and the date of completion of the project, amount of liquidated damages assessed and all other information necessary to fully explain the assessment of liquidated damages.

2. In the last five years has your firm, or any firm with which any of your company’s owners, officers or partners was associated, been debarred, disqualified, removed or otherwise prevented from bidding on, or completing, any government agency or public works project for any reason?

NOTE: “Associated with” refers to another construction firm in which an owner, partner or officer of your firm held a similar position, and which is listed in response to question 1c or 1d on this form.

____Yes ____No

If “yes,” explain on a separate signed page. State whether the firm involved was the firm applying for pre-qualification here or another firm. Identify by name of the company, the name of the person within your firm who was associated with that company, the year of the event, the owner of the project, the project and the basis for the action.

3. In the last five years has your firm been denied an award of a public works contract based on a finding by a public agency that your company was not a responsible bidder?

____Yes ____No

If “yes,” explain on a separate signed page. Identify the year of the event, the owner, the project and the basis for the finding by the public agency.

NOTE: The following two questions refer only to disputes between your firm and the owner of a project. You need not include information about disputes between your firm and a supplier, another contractor, or subcontractor.

4. In the past five years has any claim against your firm concerning your firm's work on a construction project been filed in court or arbitration?

____Yes ____No

If "yes," on separate signed sheets of paper identify the claim(s) by providing the project name, date of the claim, name of the claimant, a brief description of the nature of the claim, the court in which the case was filed and a brief description of the status of the claim (pending or, if resolved, a brief description of the resolution).

5. In the past five years has your firm made any claim against a project owner concerning work on a project or payment for a contract and filed that claim in court or arbitration?

____Yes ____No

If "yes," on separate signed sheets of paper identify the claim by providing the project name, date of the claim, name of the entity (or entities) against whom the claim was filed, a brief description of the nature of the claim, the court in which the case was filed and a brief description of the status of the claim (pending, or if resolved, a brief description of the resolution).

6. At any time during the past five years, has any surety company made any payments on your firm's behalf as a result of a default, to satisfy any claims made against a performance or payment bond issued on your firm's behalf, in connection with a construction project, either public or private?

____Yes ____No

If "yes," explain on a separate signed page the amount of each such claim, the name and telephone number of the claimant, the date of the claim, the grounds for the claim, the present status of the claim, the date of resolution of such claim if resolved, the method by which such was resolved if resolved, the nature of the resolution and the amount, if any, at which the claim was resolved.

7. In the last five years has any insurance carrier, for any form of insurance, refused to renew the insurance policy for your firm?

____Yes ____No

If "yes," explain on a separate signed page. Name the insurance carrier, the form of insurance and the year of the refusal.

E. Criminal Matters and Related Civil Suits

1. Has your firm or any of its owners, officers or partners ever been found liable in a civil suit or found guilty in a criminal action for making any false claim or material misrepresentation to any public agency or entity?

____Yes ____No

If "yes," explain on a separate signed page, including identifying who was involved, the name of the public agency, the date of the investigation and the grounds for the finding.

2. Has your firm or any of its owners, officers or partners ever been convicted of a crime involving any federal, state, or local law related to construction?

____Yes ____No

If "yes," explain on a separate signed page, including identifying who was involved, the name of the public agency, the date of the conviction and the grounds for the conviction.

3. Has your firm or any of its owners, officers or partners ever been convicted of a federal or state crime of fraud, theft, or any other act of dishonesty?

____Yes ____No

If "yes," identify on a separate signed page the person or persons convicted, the court (the City if a state court, the district or location of the federal court), the year and the criminal conduct.

F. Bonding

1. Bonding capacity: Provide documentation from your surety identifying the following:

Name of bonding company/surety: _____

Name of surety agent, address and telephone number:_____

_____

2. If your firm was required to pay a premium of more than one percent for a performance and payment bond on any project(s) on which your firm worked at any time during the last three years, state the percentage that your firm was required to pay. You may provide an explanation for a percentage rate higher than one percent, if you wish to do so.

_____

_____

_____

3. List all other sureties (name and full address) that have written bonds for your firm during the last five years, including the dates during which each wrote the bonds:

_____

_____

_____

4. During the last five years, has your firm ever been denied bond coverage by a surety company, or has there ever been a period of time when your firm had no surety bond in place during a public construction project when one was required?

____Yes ____No

If yes, provide details on a separate signed sheet indicating the date when your firm was denied coverage and the name of the company or companies, which denied coverage; and the period during which you had no surety bond in place.

G. Compliance with Occupational Safety and Health Laws and with Other Labor Legislation Safety

1. Has the Occupational Safety and Health Administration (OSHA) cited and assessed penalties against your firm for any "serious," "willful" or "repeat" violations of its safety or health regulations in the past five years?

NOTE: If you have filed an appeal of a citation, and the Occupational Safety and Health Appeals Board has not yet ruled on your appeal, you need not include information about it.

____Yes ____No

If "yes," attach a separate signed page describing the citations, including information about the dates of the citations, the nature of the violation, the project on which the citation(s) was or were issued, the amount of penalty paid, if any. If the citation was appealed to the Occupational Safety and Health Appeals Board and a decision has been issued, state the case number and the date of the decision.

2. Has the federal Occupational Safety and Health Administration cited and assessed penalties against your firm in the past five years?

NOTE: If you have filed an appeal of a citation and the Appeals Board has not yet ruled on your appeal, or if there is a court appeal pending, you need not include information about the citation.

____Yes ____No

If "yes," attach a separate signed page describing each citation.

3. Has the state or federal Environmental Protection Agency (EPA) or any Air Quality Management District or any Regional Water Quality Control Board cited and assessed penalties against either your firm or the owner of a project on which your firm was the contractor, in the past five years?

NOTE: If you have filed an appeal of a citation and the Appeals Board has not yet ruled on your appeal, or if there is a court appeal pending, you need not include information about the citation.

____Yes ____No

If "yes," attach a separate signed page describing each citation.

4. How often do you require documented safety meetings to be held for construction employees and field supervisors during the course of a project?

_____

5. Within the last five years has there ever been a period when your firm had employees but was without workers' compensation insurance or state-approved self-insurance?

____Yes ____No

If "yes," please explain the reason for the absence of workers' compensation insurance on a separate signed page. If "No," please provide a statement by your current workers' compensation insurance carrier that verifies periods of workers' compensation insurance coverage for the last five years. (If your firm has been in the construction business for less than five years, provide a statement by your workers' compensation insurance carrier verifying continuous workers' compensation insurance coverage for the period that your firm has been in the construction business).

_____

_____

_____

H. Prevailing Wage and Apprenticeship Compliance Record

1. Has there been more than one occasion during the last five years in which your firm was required to pay either back wages or penalties for your own firm's failure to comply with the state's prevailing wage laws?

NOTE: This question refers only to your own firm's violation of prevailing wage laws, not to violations of the prevailing wage laws by a subcontractor.

____Yes ____No

If "yes," attach a separate signed page or pages, describing the nature of each violation, identifying the name of the project, the date of its completion, the public agency for

which it was constructed; the number of employees who were initially underpaid and the amount of back wages and penalties that you were required to pay.

SURETY AND BONDING REQUIREMENTS

A. Attach a notarized statement from the bonding company your firm proposes to use indicating their commitment to provide a Performance and Payment Bond for the full amount of the contract.

B. List the names of the Bonding firms utilized by your organization in the last five (5) years, for projects over $3,000,000.

Name of Bonding Company No. 1

_____

Address: _____

Telephone:

Contact Name: _____ _____

Project Name: _____

Amount Bonded: _____ % _____

Completed _____

Name of Bonding Company No. 2

_____

Address: _____

Telephone:

Contact Name: _____

Project Name: _____

Amount Bonded: _____ % _____

Completed _____

_____

INSURANCE REQUIREMENTS

Each policy of insurance carried by the successful bidder for this project shall be issued by an insurance company licensed to do business in the State of Florida with a rating of “A” or better and a financial size category of “V” or better according to the latest edition of “Bests”.

A. Attach a notarized statement from the Worker’s Compensation carrier specifying organization’s current Experience Modification rating for Worker’s Compensation in the State of Florida.

B. List the names of the insurance firms utilized by your organization in the last five (5) years, for projects over $3,000,000.

Name of Insurance Company No. 1 _____

Address: _____

Contact Name: _____ Telephone

Project Name: _____

Amount Bonded: _____ % _____

Completed _____

Name of Insurance Company No. 2

_____

Address: _____

Contact Name: _____ Telephone: _____

Project Name: _____

Amount Bonded: _____ % _____

Completed _____

Failure to provide all these attachments may be cause for disqualification for this project.

Attachment 1 – Certificate of Accountant Attachment 1A General Statement of Bank Credit
Attachment 2 – Notarized Statement from Bonding Company
Attachment 3 – Notarized Statement from Worker's Compensation Insurance Carrier
Attachment 4 – Current Copy of Organization's Florida Contractor's License(s)
Attachment 5 – Certification declaring that the applying Organization has not had a surety company finish work on any project within the last five (5) years.
Attachment 6 – Certification declaring that the applying Organization, in the last five (5) years has not been found by a judge, arbitrator, jury, or a nolo contendere plea to have submitted a false or fraudulent claim to a public agency
Attachment 7 – Certification declaring that the applying Organization has not been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local government project because of violations of law or a safety regulation, pursuant to Public Contract Code section 10162

DECLARATION

1. Acknowledgement and Release. By signature and date on this page, prospective bidder authorizes any financial institution, credit reporting agency and/or service, legal firm or any other type of business, agency or individual named within this document to release to the City (or City's designated representative) any and all information as that information relates, or could relate, to their ability to evaluate the background, stability and general worthiness of this bidder to perform current or future construction activities if Pre-Qualified and awarded a contract by the City.

a. A photocopy of this page shall be deemed as valid as an original document.

b. This Acknowledgement and Release shall remain in effect until such time as the bidder, in writing, requests that the City cease any attempt to evaluate himself/herself/themselves as potential Pre-Qualified bidder for construction work on City of Pompano Beach properties.

c. Reserved Right. The City reserves the right, for the sole purpose of evaluating a potential Pre-Qualification candidate (bidder), to make other inquiries as permitted by law. Furthermore, the City reserves the right to reject any or all Pre-qualification applications.

AFFIDAVIT

I, the undersigned, certify and declare that I have read all the foregoing answers to this prequalification questionnaire and know their contents. The matters stated in the questionnaire answers are true of my own knowledge and belief, except as to those matters stated on information and belief, and as to those matters I believe them to be true. I declare under penalty of perjury under the laws of the State of Florida, that the foregoing is correct.

Dated: _____

_____
(Signature)

_____

REQUESTED INFORMATION BELOW IS ON THE MINORITY BUSINESS ENTERPRISE PARTICIPATION FORM ON THE BID ATTACHMENTS TAB. BIDDERS ARE TO COMPLETE FORM IN ITS ENTIRITY AND UPLOAD COMPLETED FORM TO THE EBID SYSTEM

EXHIBIT A

MINORITY BUSINESS ENTERPRISE PARTICIPATION

RFQ #_____

List all members of your team that are a certified Minority Business Enterprise (as defined by the State of Florida.) You must include copies of the MBE certificates for each firm listed with your electronic submittal.

Name of Firm	Certificate Included?

City of Pompano Beach, Purchasing Division
1190 N.E. 3rd Avenue, Building C
Pompano Beach, Florida, 33060

October 11, 2018

ADDENDUM #1, RFQ E-16-18

DESIGN AND CONSULTING SERVICES FOR FIVE BRIDGES WITHIN CITY LIMITS

To Whom It May Concern,

The following changes have been made to RFQ E-16-18:

Addition of “E-16-18 pre-proposal sign-in sheet” to the Attachments Tab.

Addition of Exhibit-F “G-O Bond Project Prioritization List” to the Attachments Tab.

Addition of Financial Statement Requirements to Response Attachments Tab (See requirements below).

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

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

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

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

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

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

NOTE: Financial statements that are required as submittals to prequalify for a solicitation will be exempt from public disclosure; however, financial statements submitted to prequalify for a solicitation, and are not required by the City, may be subject to public disclosure
The remainder of the solicitation is unchanged at this time.

Sincerely,

Jeff English, Purchasing Agent

CITY OF POMPANO BEACH
MANDATORY PRE-PROPOSAL CONFERENCE

SIGN IN SHEET

RFQ NUMBER: **E-16-18**

RFQ NAME: **Design and Consulting Services for Five Bridges within City Limits**

DATE: 10/02/18

ATTENDEES NOTE: Furnish complete information.

Name CARA PASQUALE Title Company You Represent MILLER LEGG

Company Mailing Address 5747 N. ANDREWS WAY, Ft. Lauderdale FL 33309
City State Zip Code

Telephone Number (954) 628-3609 Fax Number (954) 493-6539

Email Address cpasquale@millerlegg.com

Name BRIAN RHEAULT VICE PRESIDENT Title Company You Represent WGI

Company Mailing Address 2035 VISTA PARKWAY FL. 33411
City State Zip Code

Telephone Number (561) 687-2220 Fax Number ( )

Email Address brian.rheault@WGINC.com

Name CHRIS LAFORTE Title Company You Represent WGI

Company Mailing Address 2035 VISTA PARKWAY, WEST PALM BEACH, FL 33411
City State Zip Code

Telephone Number (561) 687-2220 Fax Number (561) 687-1110

Email Address chris.laforte@wginc.com

Name ALAN KLEVENS, PRINCIPAL Title Company You Represent TRANSYSTEMS

Company Mailing Address 3230 W. COMMERCIAL BLVD. SUITE 450, Fort Lauderdale, FL 33309
City State Zip Code

Telephone Number (954) 200-8235 Fax Number ( )

Email Address gaklevens@transystems.com

CITY OF POMPANO BEACH
MANDATORY PRE-PROPOSAL CONFERENCE

SIGN IN SHEET

RFQ NUMBER: **E-16-18**

RFQ NAME: **Design and Consulting Services for Five Bridges within City Limits**

DATE: 10/02/18

ATTENDEES NOTE: Furnish complete information.

Name MATTHEW FURSETTER Title Company You Represent KIMLEY-HORN

Company Mailing Address 1920 WEKIVA WAY City WEST PALM State FL Zip Code 33411

Telephone Number (561) 845 0665 Fax Number ( ) _____

Email Address MATTHEW.FURSETTER@KIMLEY-HORN.COM

Name Sybille Bayard Title Company You Represent Infrastructure Engineers, LLC

Company Mailing Address 10651 N Kendall drive City FL State 33176 Zip Code

Telephone Number (305) 345-7386 Fax Number ( ) _____

Email Address sbayard@go-iei.com

Name TONY BEVILACQUA Title Company You Represent KIMLEY-HORN

Company Mailing Address 1920 WEKIVA WAY City WEST PALM BCH State FL Zip Code 33411

Telephone Number (561) 840-0806 Fax Number (-) —

Email Address anthony.bevilacqua@kimley-horn.com

Name Alan Gerwig Title Company You Represent Alan Gerwig & Assoc. Inc.

Company Mailing Address 12798 W. Forest Hill Blvd, Suite 201 City Wellington State FL Zip Code 33414

Telephone Number (561) 792-9006 Fax Number (561) 792-9904

Email Address agerwig@aga-engineering.com

CITY OF POMPANO BEACH
MANDATORY PRE-PROPOSAL CONFERENCE

SIGN IN SHEET

RFQ NUMBER: **E-16-18**

RFQ NAME: **Design and Consulting Services for Five Bridges within City Limits**

DATE: 10/02/18

ATTENDEES NOTE: Furnish complete information.

Name Raj Krishnasamy / President Title Company You Represent TSF

Company Mailing Address 2765 Vista Parkway, WPB City FL State 33411 Zip Code

Telephone Number (561) 687-8536 Fax Number ( )

Email Address Raj@Tierrasf.com

Name Stan Delmas / Geotechnical Engineer Title Company You Represent H2R Corp

Company Mailing Address 1900 NW 40th Ct City Pompano Beach State FL Zip Code 33064

Telephone Number (561) 972 75 70 / 561 400 7748 Fax Number ( )

Email Address Ydelmas@h2rcorp.com

Name LAKDAS NANAYAKKARA Title PRESIDENT Company You Represent LAKDAS YOHALEM ENGINEERING Inc

Company Mailing Address 2211 DE 54th St City Ft Lauderdale State FL Zip Code 33308

Telephone Number ( ) 954 771-0630 Fax Number ( ) 954 771 0519

Email Address LYE@LYEENGINEERING.COM

Name Roberto Vasquez Title Company You Represent Keith & Schnars

Company Mailing Address 5835 Blue Lagoon Drive, suite 303 City Miami State FL Zip Code 33126

Telephone Number (305) 477 7667 Fax Number (305) 477-4474

Email Address rvasquez@ksfla.com

CITY OF POMPANO BEACH
MANDATORY PRE-PROPOSAL CONFERENCE

SIGN IN SHEET

RFQ NUMBER: **E-16-18**

RFQ NAME: **Design and Consulting Services for Five Bridges within City Limits**

DATE: 10/02/18

ATTENDEES NOTE: Furnish complete information.

Name WINSOR C. POZO Title Company You Represent RADKE INTL.

Company Mailing Address 4152 West Blue Heron Blvd Suite 114
West Palm Beach City 33404 State Zip Code

Telephone Number (561) 841-0103 Fax Number ( )

Email Address Winsor.Pozo@Radisa.net.

Name VIKAS JAIN Title Company You Represent T.Y. Lin International

Company Mailing Address 500 W. Cypress Rd, Ste 330, Ft. Lauderdale FL 33309
City State Zip Code

Telephone Number ( ) 954-308-3353 Fax Number ( )

Email Address vikas.jain@tylin.com

Name Oscar J. Cruz Title Company You Represent HW Lochner

Company Mailing Address 8750 NW 36 street Miami, FL 33178
City State Zip Code

Telephone Number (305) 503-9873 Fax Number (305) 503-9882

Email Address OCruz@hwlochner.com

Name Sahila Sadough Title Company You Represent ASA Consultants, Inc

Company Mailing Address 514 shotgun Rd, suite 402 Sunrise FL 33326
City State Zip Code

Telephone Number (754) 216-2027 Fax Number ( ) N/A

Email Address SSadough@ASAConsultants.us

CITY OF POMPANO BEACH
MANDATORY PRE-PROPOSAL CONFERENCE

SIGN IN SHEET

RFQ NUMBER: **E-16-18**

RFQ NAME: **Design and Consulting Services for Five Bridges within City Limits**

DATE: 10/02/18

ATTENDEES NOTE: Furnish complete information.

Name ERIC HUSKEY Title Company You Represent STANLEY CONSULTANTS

Company Mailing Address 1641 Worthington Road Suite 400 West Palm Beach FL 33409
City State Zip Code

Telephone Number (561) 689-7444 Fax Number (561) 689-3003

Email Address huskeyeric@stanleygroup.com

Name MICHAEL D. CONNER Title SENIOR LANDSCAPE ARCHITECT Company You Represent CALVIN, GIORDANO & ASSOC., INC.

Company Mailing Address 1800 ELLER DRIVE SUITE 600 FT. LAUDERDALE, FL. 33316
City State Zip Code

Telephone Number (954) 266-6469 Fax Number (954) 921-8807

Email Address MCONNER@GGASOLUTIONS.COM

Name Freddie A. Vargas Title Company You Represent CPC

Company Mailing Address 814 S. Military Trail, Deerfield FL 33442
City State Zip Code

Telephone Number (954) 972-3959 Fax Number ( )

Email Address fvargas@CPC-ENG.COM

Name JESS SOWARDS Title PARTNER Company You Represent CURRIE SOWARDS AGUILA ARCHITECTS

Company Mailing Address 185 NE 4TH AVE STE 101 DELRAY BEACH, FL. 33483
City State Zip Code

Telephone Number (561) 276-4951 Fax Number (561) 243-8184

Email Address JESS@CSA-ARCHITECTS.COM.

CITY OF POMPANO BEACH
MANDATORY PRE-PROPOSAL CONFERENCE

SIGN IN SHEET

RFQ NUMBER: **E-16-18**

RFQ NAME: **Design and Consulting Services for Five Bridges within City Limits**

DATE: 10/02/18

ATTENDEES NOTE: Furnish complete information.

Name Millie Radzikhovsky Title Sr. Environmental Scientist Company You Represent BMA-Consulting Engineering

Company Mailing Address 1803 Pembroke Pines Suite 201, FL 33029
City State Zip Code

Telephone Number (954) 744-4691 Fax Number (954) 404-6155

Email Address mradzikhovsky@bma-ce.com

Name _____ Title _____ Company You Represent _____

Company Mailing Address _____
City State Zip Code

Telephone Number ( ) _____ Fax Number ( ) _____

Email Address _____

Name _____ Title _____ Company You Represent _____

Company Mailing Address _____
City State Zip Code

Telephone Number ( ) _____ Fax Number ( ) _____

Email Address _____

Name _____ Title _____ Company You Represent _____

Company Mailing Address _____
City State Zip Code

Telephone Number ( ) _____ Fax Number ( ) _____

Email Address _____

EXHIBIT F

City of Pompano Beach

Proposed G.O. Bond Project Prioritization List

Phase I: Represents design and construction project costs to be funded with the 2018 G.O. Bond sale proceeds

Phase II: Represents construction project costs to be funded with the 2021 G.O. Bond sale proceeds

Project Name		Phase I	Phase II	Comments	Project Description
McNair Park Renovations	$10,647,000	$10,647,000		Design and construction - Phase I	Expand, renovate and equip this multi-functional facility to include lighted synthetic football/soccer field, running track, tennis court, basketball court, playground with water features to include splash pad, meeting rooms, concession and senior center.
Centennial Park Improvements (Sample McDougal House site)	$1,100,000	$137,500	$962,500	Design in Phase I and construction in Phase II	Construct an open-air facility for special events, including City-sponsored and resident events, such as weddings, quinceañeras, bar/bat mitzvah's, parties, anniversaries, receptions, fundraisers and family reunions.
Kester Park Improvements	$1,452,000	$181,500	$1,270,500	Design in Phase I and construction in Phase II	Modernizing this 26-year old park by expanding the playground, open fields, ball fields, replacing dug outs and installation of perimeter fencing.
Mitchell Moore Park Improvements	$1,396,000	$1,396,000		Design and construction - Phase I	Upgrades to this facility built in 1991 will include replacement of a grass field with synthetic (field turf), a new scoreboard, additional bleachers and shade structures over the bleacher area.
North Pompano Park Improvements	$3,190,000	$3,190,000		Design and construction - Phase I	Upgrades to football/soccer field, playground and park, including land acquisition for expansion.

Senior Citizens Center	$8,000,000	$8,000,000		Design and construction - Phase I	Construct new senior citizens center to handle increased demand for senior programs in the northwest sector of City. An upscale building will be constructed on property that needs to be acquired.
Ultimate Sports Park	$4,521,000	$1,431,000	$3,090,000	Design funds and adequate funding to construct skate park component in Phase I. Phase II will include construction of remaining components of the park	A new skate park, soccer/football field and concession/restroom building to be located adjacent to Apollo Park at 1580 NW 3rd Ave.
Fire/Emergency Ops Center	$18,810,000	$1,726,200	$17,083,800	Design in Phase I and construction in Phase II	Construct a new Fire Rescue and Logistics Complex to include an Administrative Center, Emergency Operations Center, and a Fire and EMS distribution center with storage space for emergency apparatus, along with land acquisition for a public parking garage to be located in the Downtown Pompano Transit Oriented Corridor (DPTOC).
Public Safety Complex	$6,600,000	$825,000	$5,775,000	Design in Phase I and construction in Phase II	Renovate interior space of Public Safety Complex located at 100 SW 3rd Street and 120 SW 3rd Street.
A1A Improvements	$16,940,000	$8,470,000	$8,470,000	Project divided in 2 phases. Start from Terramar to Atlantic Boulevard. Phase I to include design and construction of about 50% of the project. Phase 2 to include construction of	Undergrounding overhead utilities on A1A from Hillsboro Inlet to Terra Mar Drive to reduce power outages during storms and improve the aesthetics of the corridor. Improvements to include widening sidewalks, bike lanes, traffic calming, lighting and other streetscape improvements.

				remaining component	
Collier City Neighborhood Improvements	$3,000,000	$3,000,000		Design and construction - Phase I	This project entails analysis, topographic surveying, procurement of necessary easements, design, and installation of light fixtures throughout the Collier City area. This 450-acres neighborhood with approximately 5100 residents and is in need of additional street/pedestrian lighting. The proposed lighting will not only serve to beautify this section of the City, but will also provide for improved safety conditions. In 2010, the Community Redevelopment Agency conducted a survey and 90.6% of survey respondents requested improvements to street lighting due to safety concerns (over 72% of the residents participated in the survey). This initiative will address lighting deficiencies and populate areas that lack tree canopy.
McNab Road Improvements	$10,805,375	$1,225,000	$9,580,375	Design in Phase I and construction in Phase II	Replace functionally obsolete bridge on McNab Road and beautifying McNab Road corridor between Federal Highway and South Cypress Creek Road, paving, related drainage improvements, sidewalks, bus shelters and benches, lighting, landscaping, street furniture and other streetscape improvements.

NE 33rd Street Improvements	$5,975,000	$5,975,000		Design and construction - Phase I	Improvements along NE 33rd Street between Dixie Highway and Federal Highway to include but not be limited to overhead to underground utilities conversion, lighting, irrigation, landscaping, traffic calming, brick paver enhancements, curbing, drainage modifications, paths for shared uses, pavement resurfacing, street furniture and other streetscape improvements.
Palm Aire Neighborhood Improvements	$3,850,000	$481,250	$3,368,750	Design in Phase I and construction in Phase II	Improvements at two bridges spanning the C-14 canal and to the Herb Skolnick Center, including lighting, landscaping and sidewalks.
SE 5th Avenue Bridge Improvements	$2,450,000	$2,450,000		Design and construction - Phase I	Improvements to or replacement and raising of SE 5th Avenue Bridge, built in 1959, based on FDOT's Bridge Management System report which includes recommendations for repairs to the deck and superstructure as well as substructure components to be replaced which includes pilings and jackets.
Terra Mar Drive Bridge Improvements	$1,400,825	$1,400,825		Design and construction - Phase I	Improvements to Terra Mar Bridge, built in 1981, based on FDOT's Bridge Management System report which includes repair and replacement recommendations for the deck, superstructure, and substructure.
	$100,137,200	$50,536,275	$49,600,925		

City of Pompano Beach, Purchasing Division
1190 N.E. 3rd Avenue, Building C
Pompano Beach, Florida, 33060

October 24, 2018

ADDENDUM #2, RFQ E-16-18

DESIGN AND CONSULTING SERVICES FOR FIVE BRIDGES WITHIN CITY LIMITS

To Whom It May Concern,

The following changes have been made to RFQ E-16-18:

The Essential Requirements Questionnaire has been removed from the solicitation.

The Organizational Performance form has been removed from the solicitation.

Addendum #2 is posted on the City's eBid website: http://pompanobeachfl.ionwave.net. Acknowledge receipt of this Addendum using the Addendum Attribute on the Attributes tab in the eBid System.

The deadline for receipt of written questions has passed.

The deadline for acceptance of proposals in the eBid system is **2:00 p.m. (local), October 26, 2018.**

The remainder of the solicitation is unchanged at this time.

Sincerely,

Jeff English, Purchasing Agent

cc: website

City of Pompano Beach, Purchasing Division
1190 N.E. 3rd Avenue, Building C
Pompano Beach, Florida, 33060

October 26, 2018

ADDENDUM #3, RFQ E-16-18

DESIGN AND CONSULTING SERVICES FOR FIVE BRIDGES WITHIN CITY LIMITS

To Whom It May Concern,

The following changes have been made to RFQ E-16-18:

Minority Business Enterprise Participation Form Exhibit "I" has been added to the attachments tab. For firms already having submitted their response, the originally attached Minority Business Enterprise Participation Form, which was labeled Exhibit "A" is acceptable.

Addendum #3 is posted on the City's eBid website: http://pompanobeachfl.ionwave.net. Acknowledge receipt of this Addendum using the Addendum Attribute on the Attributes tab in the eBid System.

The deadline for receipt of written questions has passed.

The deadline for acceptance of proposals in the eBid system is **2:00 p.m. (local), October 26, 2018.**

The remainder of the solicitation is unchanged at this time.

Sincerely,

Jeff English, Purchasing Agent

cc: website

E-16-18 Addendum 3
Kimley-Horn and Associates, Inc.
Supplier Response

Event Information

Number: E-16-18 Addendum 3
Title: Design and Consulting Services for Five Bridges within City Limits
Type: Request for Qualifications
Issue Date: 9/26/2018
Deadline: 10/26/2018 02:00 PM (ET)
Notes: Pursuant to Florida Statutes Chapter 287.055 "Consultants' Competitive Negotiation Act" the City of Pompano Beach invites professional firms to submit qualifications and experience for consideration to provide professional consulting services to the City for the planning and design of five bridges within City limits.

The City will receive sealed proposals until 2:00 p.m. (local), October_26, 2018. Proposals must be submitted electronically through the eBid System on or before the due date/time stated above. Any proposal received after the due date and time specified, will not be considered. Any uncertainty regarding the time a proposal is received will be resolved against the Proposer.

MANDATORY PRE-PROPOSAL CONFERENCE
A mandatory pre-proposal conference will be held on October 2 2018 beginning at 3:00 p.m. (local) in the Engineering Large Conference Room, 1201 N. E. 5th Avenue, Pompano Beach, Florida 33060. Proposals will not be accepted from firms that do not attend the pre-

proposal conference.

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

Contact Information

Contact: Jeff English
Address: 1190 NE 3rd Avenue
Building C
Purchasing
Pompano Beach, FL 33060
Phone: (954) 786-4098 x
Fax: (954) 786-4168 x
Email: purchasing@copbfl.com

Kimley-Horn and Associates, Inc. Information

Address: 3660 Maguire Bouelvard
Suite 200
Orlando, FL 32803
Phone: (407) 898-1511

By submitting this Response I affirm I have received, read and agree to the all terms and conditions as set forth herein. I hereby recognize and agree that upon execution by an authorized officer of the City of Pompano Beach, this Response, together with all documents prepared by or on behalf of the City of Pompano Beach for this solicitation, and the resulting Contract shall become a binding agreement between the parties for the products and services to be provided in accordance with the terms and conditions set forth herein. I further affirm that all information and documentation contained within this response to be true and correct, and that I have the legal authority to submit this response on behalf of the named Supplier (Offeror).

Amy McGreger
Signature

amy.mcgreger@kimley-horn.com
Email

Submitted at 10/26/2018 8:32:00 AM

Requested Attachments

Solicitation Proposal Kimley-Horn Five Bridges - E-16-18.pdf

Reviewed and Audited Financial Statement Kimley-Horn Financial Info - E-16-18.pdf

Will remain confidential pursuant to section 119.071 of the State of Florida Statutes

Response Attachments

Kimley-Horn Five Bridges - E-16-18_submitted 102618.pdf

Revised proposal with Addendum 3 MBE form included

Kimley-Horn Financial Info - E-16-18.pdf

Financial information - will remain confidential pursuant to section 119.071 of the State of Florida Statutes

Bid Attributes

1	**Conflict of Interest** For purposes of determining any possible conflict of interest, all bidders must disclose if any City of Pompano Beach employee is also an owner, corporate officer, or employee of their business. Indicate either "Yes" (a City employee is also associated with your business), or "No". (Note: If answer is "Yes", you must file a statement with the Supervisor of Elections, pursuant to Florida Statutes 112.313.)Indicate yes or no below with the drop down menu. No
2	**Drug-Free Workplace** Whenever two or more bids which are equal with respect to price, quality, and service are received for the procurement of commodities or contractual service, a bid received from a business that certifies that it has implemented a Drug-free Workplace Program shall be given preference in the award process. If bidder's company has a Drug-free Workplace Program as outlined in General Conditions, section 32., indicate that by selecting yes in the drop down menu. Yes

3 **Vendor Certification Regarding Scrutinized Companies Lists (Over $1,000,000.00)**

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

Certified

4 **Acknowledgement of Addenda**

Check this box to acknowledge that you have reviewed all addenda issued for this solicitation.

Yes

pompano beach
Florida's Warmest Welcome

Design and Consulting Services
for Five Bridges within City Limits
RFQ E-16-18

Prepared by:
Kimley»Horn

RSSB30011.18

pompano beach
Florida's Warmest Welcome

Design and Consulting Services
for Five Bridges within City Limits RFQ E-16-18

Kimley-Horn and Associates, Inc.
1920 Wekiva Way, Suite 200
West Palm Beach, FL 33411
(561) 845-0665

Contact:
Matthew Fursetzer, P.E.
Project Manager
matthew.fursetzer@kimley-horn.com
561-845-9665

October 26, 2018

Kimley»Horn
Expect More. Experience Better.

pompano beach
Florida's Warmest Welcome

Design and Consulting Services
for Five Bridges within City Limits RFQ E-16-18

Table of Contents

Kimley»Horn
Expect More. Experience Better.

pompano beach
Florida's Warmest Welcome

Design and Consulting Services
for Five Bridges within City Limits RFQ E-16-18

Tab 1
Letter of Transmittal

Kimley»Horn
Expect More. Experience Better.

Kimley»Horn

October 26, 2018

City of Pompano Beach
Purchasing Office
1190 N.E. 3rd Avenue, Building C
Pompano Beach, FL 33060

Attn: Jeff English, Purchasing Agent

Re: Design and Consulting Services for Five Bridges within City Limits; E-16-18

Dear Mr. English and Members of the Selection Committee:

Kimley-Horn has enjoyed a successful working relationship with the City, and we welcome the opportunity to continue providing quality, cost-effective solutions and effective management for these bridge improvement projects. We have assembled a versatile team of professionals with substantial local expertise to meet your goals.

Benefits of Selecting Kimley-Horn. By selecting our team, the City of Pompano Beach will benefit from:

Belief in the City's Vision

Kimley-Horn embraces the City's vision and we will partner with you to give real value to your residents. The architectural and design elements for the repaired/replaced bridges will complement the local community, be consistent with the City's Strategic Plan of improving safety and capacity, and be economical. Our work on previous City projects has created distinctive places to visit and we look forward to continuing this service to City residents.

Reduced Cost

We share your commitment to provide value to your residents by responsibly implementing public projects to meet City goals and stay within budget limits. We approach every bridge project with economy of construction dollars at the forefront. Accelerated bridge construction concepts will be explored during the design phase to reduce construction time. To further reduce cost, we recommend overlapping the planning and design phases of the project. This will improve the quality of the planning effort and reduce the project duration. Another cost-saving measure is the use of senior professionals serving as quality reviewers while capable, mid-level professionals manage daily tasks. Our broad range of experience is your assurance that the Kimley-Horn team will deliver the most economical, technically sound solution for this specific location.

Increased Efficiency

Our team includes **Currie Sowards Aguila Architects** and **Keith and Associates.** Kimley-Horn has enjoyed the professional relationships forged with these partners on multiple exciting projects. The benefit of this continued working relationship is simplified communication among the team, which will save time. Kimley Horn has three offices less than an hour from Pompano Beach's City Hall. Our entire team's proximity means we can be promptly at your office or a project site when the need arises. We have also teamed with **HLB Lighting** to provide specialty architectural bridge lighting design. Other team members include **H2R Corp** and **Florida Engineering & Testing** for geotechnical support. They both have offices in Pompano Beach.

Kimley»Horn

Reduced Risk

Collectively, our engineers have been responsible for the design of more than 1,000 bridges nationwide. This experience enables our team to identify potential delays and to develop solutions to maintain the project schedule and avoid impacting the construction cost. Our team will thoroughly evaluate potential risk elements of the scope, schedule, or budget early in the process and monitor them during the project. These could include right of way, utility, and maintenance of traffic elements to name a few. We have established strong relationships with local permitting agencies. You can be comfortable that our familiarity with the local permitting process ensures important requirements are not overlooked. Our extensive public outreach experience means resident input will be incorporated into project alternatives that will help achieve consensus for each bridge design.

Commitment to Quality

A firm is no greater than its reputation, and ours is built on consistency and quality. As an established firm, we place significant emphasis on quality control and quality assurance. As a practice, we submit deliverables only after a thorough review by an expert within Kimley-Horn, but outside the immediate project team. We achieve quality by striving to improve one project at a time and regularly engage our clients in dialogue to help us understand how we can improve our service to them. This, in turn, improves our processes and ultimately our deliverables.

Summary

Kimley-Horn is dedicated to meeting the needs of the City of Pompano Beach for the design and development services for these five bridges. We will actively identify and solve critical issues, find reliable and innovative solutions, and provide responsive and cost-effective service. We sincerely appreciate the opportunity to present our qualifications to you and look forward to continuing to serve as your consultant.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

Matthew Fursetzer, P.E.
Project Manager
matthew.fursetzer@kimley-horn.com

Marwan Mufleh, P.E.
Principal-in-Charge
marwan.mufleh@kimley-horn.com

Kimley-Horn FEIN#: 56-0885615

pompano beach
Florida's Warmest Welcome

Design and Consulting Services
for Five Bridges within City Limits RFQ E-16-18

Tab 2
Technical Approach

Kimley»Horn
Expect More. Experience Better.

Technical Approach

Our team's approach to bridge replacement projects includes consideration for all stakeholders including public users, maintenance staff, utility owners, and permitting agencies. Building consensus among all stakeholders streamlines the approval process and provides a bridge that meets future needs and minimizes impacts to the surrounding communities.

The following summarizes our team's approach to developing construction documents for the rehabilitation or replacement of bridge structures.

Planning Phase

- Develop a design criteria document for each project and review with the City. Once finalized, the criteria are used as the basis of proposed improvements
- Develop a list of feasible alternatives for discussion with the City. Recommended alternatives include benefits and drawbacks, estimated construction costs, and maintenance considerations.
- Perform preconstruction inspections of residential buildings and sea walls close to bridges to minimize claims and City liability
- Perform a utility notification early after notice to proceed to develop current utility owner list and involve members
- Perform utility locates as necessary to verify as-built information and develop relocation plans as needed
- Work with utility owners to develop any necessary utility work schedules to relocate utilities
- Install temporary bypass of utilities mounted on bridge to avoid disruption of service
- Identify all future projects with bridge limits to avoid future reconstruction impacts
- Begin survey work early to identify right-of-way concerns and potential site constraints prior to design
- Begin soil borings and geotechnical testing
- Communicate with the Architectural Appearance Committee and Development Review Committee for consistency of architectural treatments

Kings Highway Bridge Replacement with Utility Shelf over C-25 Canal, St. Lucie County. *Completed: July 2013; Construction Cost: $1.4M*

Permitting

- Develop an environmental requirement matrix to ensure that all permit conditions are met by the proposed design
- Conduct permit pre-application meetings as early as practical to familiarize reviewers with project, avoid unnecessary comments, and expedite the approval process
- Minimize environmental impacts by eliminating bridge scuppers from discharging directly into water bodies
- Include construction conditions in plans to avoid impacts to manatee population with any in-water work—There have been documented manatee mortality incidents within the last 3 years at the Terra Mar and 5th Avenue locations.

- Conduct submerged aquatic vegetation (SAV) survey early to identify and avoid impacts to environmental habitat—oyster beds have been identified at the McNab Road Bridge site
- Coordinate early with FDEP, USFWS, US Coast Guard and USACE to allow appropriate time to obtain construction permits
- Discuss maintenance and access concerns at the Palm Aire sites with SFWMD and obtain Environmental Resource Permit
- Develop Stormwater Pollution Prevention Plan (SWPPP) for construction phase
- Explore the use of bridge rubble to develop and artificial reef offshore or near the recently completed Pompano Fishing Pier. This could provide permitting credits and expedite the approval process

20th Street Bridge at Main Relief Canal, Indian River County Administration Complex. *Completed: 2007; Construction Cost: $45M (entire complex)*

Design Phase

- Provide connectivity to existing trails and greenways capitalizing on the City's prior investment.
- Reduce the number of bridge spans where appropriate to minimize maintenance cost
- Overlap the permitting and design phases to expedite overall delivery and minimize construction cost and inconvenience to traveling public
- Optimize structural elements with respect to minimum vertical clearance and span length
- Consider tidal influence of Terra Mar, 5th Avenue, and McNab Road to minimize effects of erosion.
- Minimize impacts to utility and right-of-way owners
- Identify appropriate materials to address aggressive marine environment
- Coordinate with City staff to identify maintenance concerns and preferences to reduce long-term cost to City
- Select materials and construction techniques available to the majority of qualified local contractors to increase competition and reduce costs

Architectural Treatments

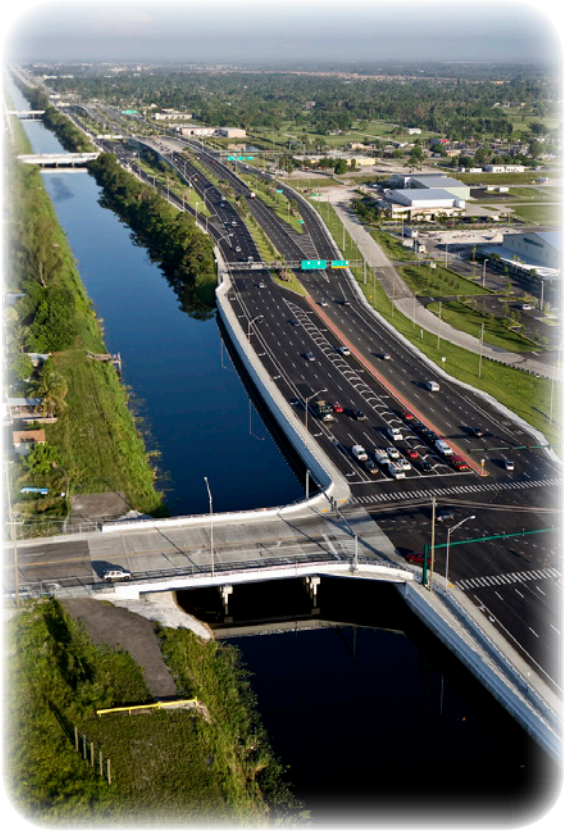
- Provide low-maintenance architectural bridge elements to match the look and feel of other City investments

Hypoluxo Bridge over Florida's Turnpike, Palm Beach County. *Kimley-Horn completed design and construction phase services for this new bridge in 2008. We are now under contract with Florida's Turnpike Enterprise to replace this bridge as part of a Turnpike Widening project. Construction Cost: $24M*

- Provide LED up lighting to provide architectural interest and improve pedestrian safety
- Provide decorative sidewalk scoring to simulate pavers without maintenance burden
- Provide decorative traffic and pedestrian railings
- Provide landscaping where appropriate to provide shade for pedestrians
- Incorporate surface treatments such as form liners, concrete coatings, and textured surfaces

Traffic Control

- Maintain access to the Cypress Creek Greenway
- Maintain access to transit to minimize inconvenience of users—Broward County Transit route 62 runs along the McNab Road bridge and Broward County Transit Pelican Hopper uses the Terra Mar bridge to serve Lauderdale-by-the-Sea
- Evaluate the use of staged construction or full detour to minimize construction duration/cost and inconvenience of the traveling public
- Consider construction timing to avoid school year (McNab Elementary School) and seasonal residents
- Consider precast bridge elements to minimize construction duration and impacts to traveling public
- ID staging areas and designated parking areas to avoid community complaints during construction
- Maintain access to waterways for boaters
- Maintain emergency vehicle access



Kirk Road Bridge Replacement over the C-51 Canal, FDOT District Four, West Palm Beach.
Completed: 2008

Public Involvement

- Develop a stakeholder database for the project to track all public Involvement coordination efforts.
- Engage project stakeholders to build consensus for project improvements—stakeholders include the City of Pompano, Town of Lauderdale by the Sea, Broward County, Broward County Transit, SFWMD, and utility owners
- Develop a Community Awareness Plan engaged and inform surrounding communities
- Develop limited-English proficiency material for communities
- Address community concerns early during the design phase. We anticipate concerns related to noise, bike/pedestrian access, traffic delays, and coordination with other construction projects.

Project Management

- Clearly define project objectives during the scoping and negotiations phase to avoid supplemental agreement requests or cost overruns
- Conduct weekly internal project team meetings to keep milestone tasks on schedule—the City is invited to attend
- Provide City with weekly summary of current action items and information needs
- Track all design issues and staff members involved to quickly resolve and minimize schedule impact
- Set up a common file sharing system for use among the team (including the City) so that current information is instantly available and designs are based on the latest information.

- If multiple design teams are selected, coordinate with other teams to provide consistency of designs and share lessons learned.
- Assign a single point of contact for clear, direct communication between the City and Kimley-Horn

Construction Phase Services

- Assist with bid documents and RFP package
- Continue public involvement efforts
- Review shop drawings and RFI
- Provide active monitoring for vibration, settlement, noise and air quality
- Provide geotechnical and materials testing
- Develop as-built drawings
- Project closeout

Our team's initial observations for each bridge follows.

Technical Approach to:

SE 5th Avenue Bridge over Cypress Creek

This bridge was constructed in 1959 with no major modifications to date.

The existing bridge carrying SE 5th Avenue over Cypress Creek (Bridge No. 868109) was constructed in 1959 with no major modifications to date. The 2-lane, 5-span bridge utilizes a cast-in-place reinforced concrete slab superstructure supported by concrete piles which have been jacketed several times in the past indicating an aggressive corrosive environment. FDOT's Bridge Management System report includes recommendations for repairs to the deck and superstructure as well as substructure components to be replaced. ***The bridge is classified as structurally deficient.***

Bridge mounted utility

Designated staging areas will be identified in plans

Potential driveway impacts

Project constraints including ADA/Pedestrian access, overhead utilities, and limited R/W

(Continued on next page)

SE 5th Avenue Bridge over Cypress Creek (continued)

Kimley-Horn's Initial Field Observations (10/15/2018):

- Improvements and/or replacement will involve impacts to several residential driveways
- Drainage improvements are needed and require special consideration
- Seawall repairs will be required
- Design and traffic control plans will require boat access to be maintained
- Nearby residents will be sensitive to potential construction noise and vibration damage from pile-driving operations. Our public outreach team will pay close attention to residents' concerns and develop construction plans to mitigate impacts, as possible

Effects of corrosive marine environment

- Staging areas for construction equipment will be challenging *(see photo below)*
- Because this creek is tidally influenced, erosion control measures will be needed
- ADA considerations will be implemented
- Due to the likely presence of manatees in this canal, appropriate environmental protection measures will be required during permitting and construction

Special Considerations for This Bridge

- Due to its presence in a corrosive marine environment, selection of proper construction materials will be key to maintaining the long-term structural integrity of this bridge
- Bridge aesthetics will be important to the local community. Our subconsultant, **Currie Sowers Aguila Architects** is one of the foremost architectural designers for bridges in South Florida. They have provided design services for the new Ocean Avenue Bridge in Manalapan, the new Flagler Memorial Bridge in West Palm Beach, and the Atlantic Boulevard Bridge in Pompano Beach.

Traffic control and staging used for the SE 9th Street Bridge Replacement in Pompano Beach. Similar techniques will be evaluated for SE 5th Ave., Terra Mar, and McNab Rd.

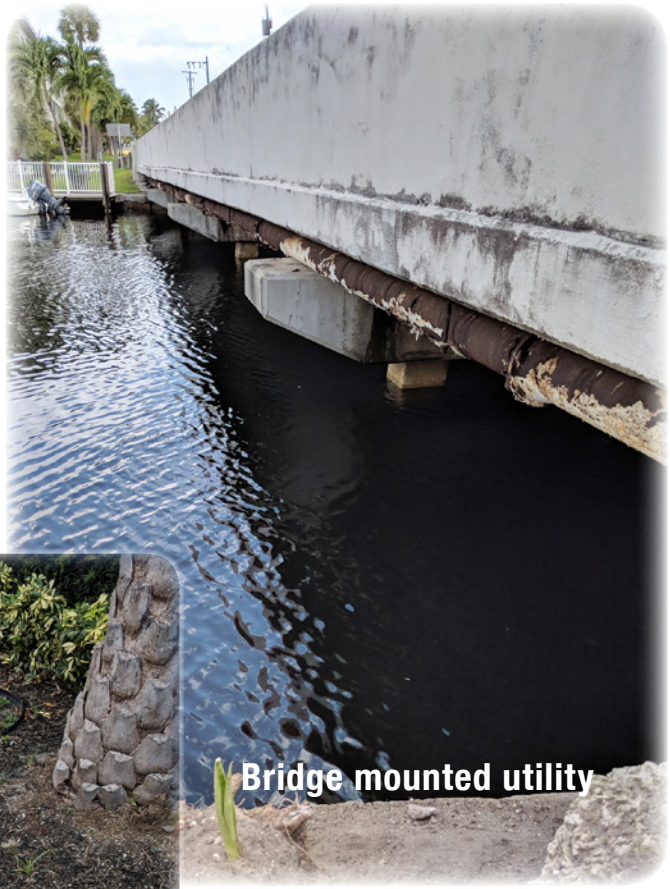
Technical Approach to:

Terra Mar Drive Bridge over Spanish River

The existing bridge carrying Terra Mar Drive over Spanish River (Bridge No. 864040) was constructed in 1981 with no major modifications to date. The 2-lane, 4-span bridge utilizes a precast/prestressed concrete slab unit superstructure supported by concrete piles. FDOT's Bridge Management System report includes repair and replacement recommendations for the deck, superstructure, and substructure. ***The bridge is classified as structurally deficient.***

This bridge was constructed in 1981 with no major modifications to date.

Project constraints including overhead utilities, limited space for phased construction, and close proximity of residences



Bridge mounted utility

Buried utility at bridge approaches

(Continued on next page)

Terra Mar Drive Bridge over Spanish River (continued)

Kimley-Horn's Initial Field Observations (10/15/2018):

- Nearby residents will be sensitive to potential construction noise and vibration damage from pile-driving operations. Preconstruction surveys will document existing conditions and limit City claims and liability
- Pedestrian access across the bridge, boating access, and driveway access to residences will need to be maintained during construction. There is currently only sidewalk on one side of the bridge and ADA considerations will be implemented
- There are several overhead and bridge-mounted utilities on the structure that must be maintained during construction
- Staging areas for construction equipment will be extremely constrained due to the proximity of residences to the existing structure. We will coordinate closely with local residents, HOAs and the City to find the best construction solution
- Due to the likely presence of manatees in the river, appropriate environmental protection measures will be required during permitting and construction
- Our team will coordinate with the City and Broward County Transit to maintain Pelican Hopper bus service during construction
- Due to tidal influences, erosion control measures will be evaluated with proposed structure
- The new bridge structure will need to tie into the existing sea wall

Aging residents rely on existing transit service

Special Considerations for This Bridge

- We recommend a pre-construction survey and continuous monitoring of air/settlement/vibration to avoid/minimize claims
- Kimley-Horn also recommends low-impact construction techniques and the use of pre-fabricated bridge elements to expedite construction
- Due to its presence in a corrosive marine environment, selection of proper construction materials will be key to maintaining the long-term structural integrity of a new bridge
- Bridge aesthetics will be important to the local community

Technical Approach to:

West Palm Aire Drive over Cypress Creek (C-14 Canal)

This bridge was constructed in 1971 with no major modifications or repairs to date.

The existing bridge carrying West Palm Aire Drive over Cypress Creek (Bridge No. 868101) was constructed in 1971 with no major modifications or repairs to date. The 2-lane, 5-span bridge utilizes a cast-in-place reinforced concrete slab superstructure supported by concrete piles. ***This bridge is currently posted for load.***

and

North Palm Aire Drive over Cypress Creek (C-14 Canal)

This bridge was constructed in 1980 with no major modifications or repairs to date.

The existing bridge carrying North Palm Aire Drive over Cypress Creek (Bridge No. 868114) was constructed in 1980 with no major modifications or repairs to date. The 3-lane, 5-span bridge utilizes a precast/prestressed concrete slab unit superstructure supported by concrete piles. ***This bridge is currently posted for load.***

(Continued on next page)

North Palm Aire Drive over Cypress Creek (C-14 Canal) (continued)

Kimley-Horn's Initial Field Observations (10/15/2018):

- Connectivity to the recently completed Cypress Creek Greenway (CCG) will maximize the City's prior investments
- There is a South Florida Water Management District maintenance easement to the C-14 Canal. **Denise Palmatier, P.E.,** with Kimley-Horn is a former SFWMD design engineer. She will work closely with the City and SFWMD to expedite all required permitting

Special Considerations for These Bridges

- There may be opportunities to tie in marine/aquatic/public art features at the entrances to these structures
- The proximity of these two bridges makes detours feasible to expedite construction

Bridge aesthetics will consider existing City art elements

Technical Approach to:

McNab Road over Cypress Creek (C-14 Canal)

This bridge was constructed in 1959 with no major modifications to date.

The existing bridge carrying McNab Road (SE 15th St) over Cypress Creek (Bridge No. 868108) was constructed in 1959 with no major modifications to date. The 2-lane, 5-span bridge utilizes a precast/prestressed concrete slab unit superstructure supported by concrete piles that have been jacketed several times in the past—indicating an aggressive, corrosive environment. ***The bridge is currently posted for load and is classified as functionally obsolete.***

Coordination with planned streetscape project will ensure consistency

Harmonizing tie-ins of existing driveways will avoid loss of parking

The designated paddling trail in this area is an important community resource

(Continued on next page)

McNab Road over Cypress Creek (C-14 Canal) (continued)

Kimley-Horn's Initial Field Observations (10/15/2018):

- This portion of the C-14 Canal is a designated Broward County paddling trail
- Improvements and/or replacement will involve impacts to residential and business driveway access
- Utilities are mounted on the bridge. Our team will coordinate with all affected utility agencies to maintain service at all times during construction
- Overhead utilities will need to be avoided
- Nearby residents will be sensitive to potential construction noise and vibration damage from pile-driving operations. Our public outreach team will pay close attention to residents' concerns and develop construction plans to mitigate impacts, as possible

Special Considerations for This Bridge

- Oyster beds and other protected marine habitats are present underneath the bridge. Our environmental specialists will work closely with FDEP and FWC to obtain all necessary permits for construction
- Bridge aesthetics will be important to the local community

Proximity of residences will require early public outreach to avoid surprises and build consensus

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Design and Consulting Services
for Five Bridges within City Limits RFQ E-16-18

Tab 3
Schedule

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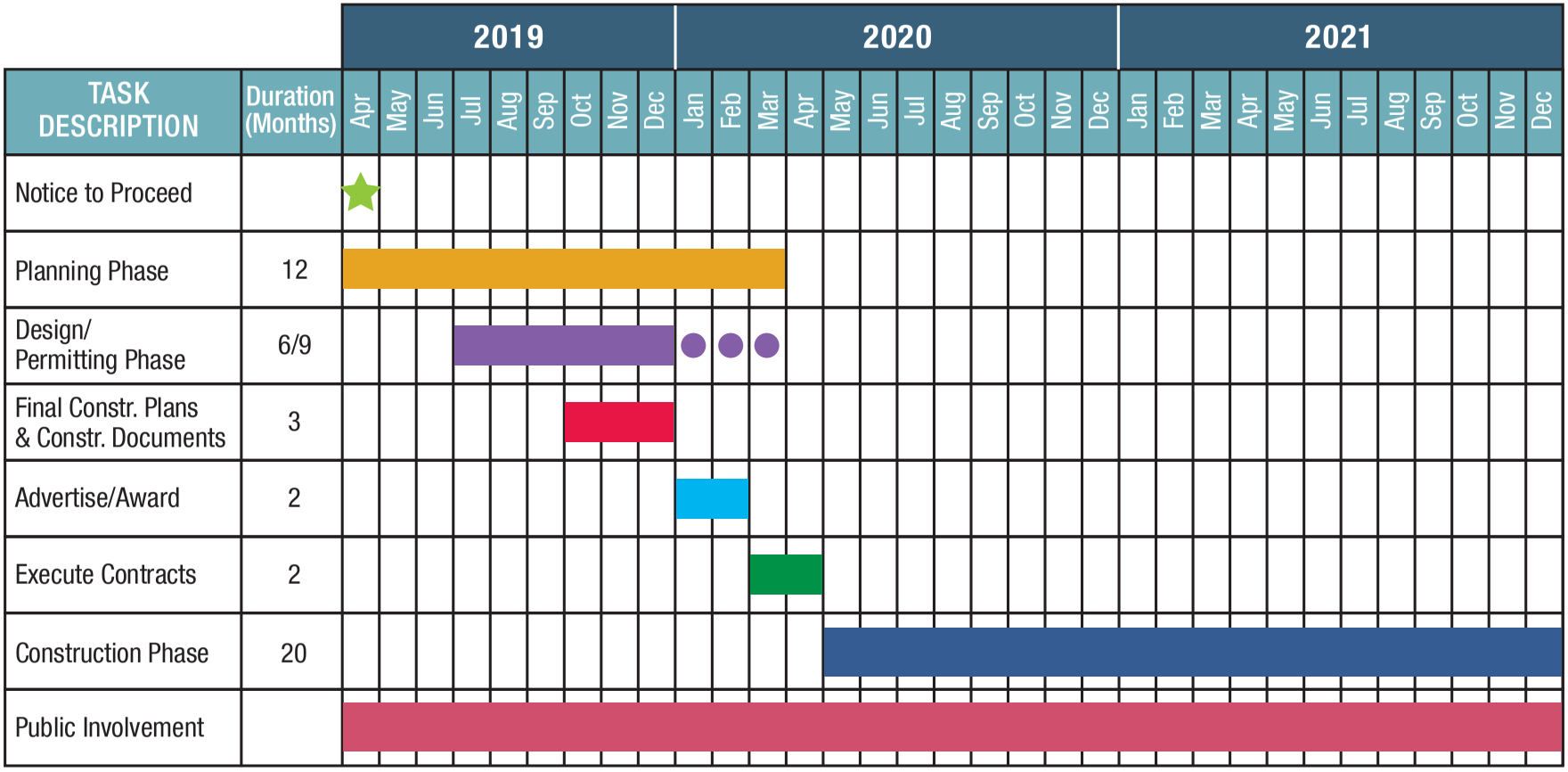
The members of our project team were selected using three criteria: (1) their experience with the City of Pompano Beach, (2) their experience working on similar bridge design projects, and (3) their availability to assume major technical responsibilities within the timeframe of this contract. *The schedule below represents our best estimate of the time it would take to design and oversee construction of a similar typical bridge crossing in South Florida.*

Typical Bridge Design and Construction Schedule



Kimley-Horn will work with the City to ensure appropriate drawdown of bond funds to meet federal funding requirements.

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Tab 4
Project Team Form

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

PROJECT TEAM

RLI NUMBER E-16-18

Federal I.D.# 56-0885615

PRIME

Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	Marwan Mufleh, P.E.	31	BS Civ. Eng.
Project Manager	Matthew Fursetzer, P.E.	17	BS Civ. Eng.
Asst. Project Manager	Anthony Bevilacqua, P.E.	19	MS Struct. Eng.
Other Key Member	Lisa Stone, P.E., Public Involvement	22	BS Civ. Eng.
Other Key Member	Denise Palmatier, P.E., Permitting	25	BS Civ. Eng.

see organizational chart for additional staff

SUB-CONSULTANT

Role	Company Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Surveying	Keith & Assoc., Inc., 301 E. Atlantic Blvd., Pompano Beach, FL 33060	Lee Powers, PSM
Landscaping	(Kimley-Horn will provide)	
Engineering		
Other Key Member *Architecture*	CSA Architects, 185 NE 4th Ave., Ste. 101, Delray Beach, FL 33483	Jess Sowards, AIA, LEED AP
Other Key Member *Architectural lighting*	HLB Lighting Design, 3250 NE 1st Ave., Ste 305, Miami, FL 33137	Kenneth Douglas, FIALD
Other Key Member *Geotechnical Services*	Florida Eng. & Testing, 250 SW 13 Ave., Pompano Beach, FL 33069	Mark Mesiano, P.E.
Other Key Member *Geotechnical Services*	H2R Corp., 1900 NW 40th Court Pompano Beach, FL 33064	Dan Hart, P.E.

(use attachments if necessary)

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Design and Consulting Services
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Tab 5
Organization Chart

Kimley»Horn
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Design and Consulting Services for Five Bridges within City Limits

RFQ E-16-18

Kimley»Horn

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Principal-in-Charge
Marwan Mufleh, P.E.

Project Manager
Matthew Fursetzer, P.E.

Quality Assurance/Quality Control
Tom Farnan, P.E.

Assistant Project Manager
Tony Bevilacqua, P.E.

Civil Engineering

Structures
Tony Bevilacqua, P.E.
Jerry Piccolo, P.E.
Jamea Long, P.E.

Roadway/Sidewalks/ADA
Matthew Fursetzer, P.E.
Tara Swann, P.E.
Marwan Mufleh, P.E.

Drainage
Gary Ratay, P.E.
Stefano Viola, P.E.
Derrick Lewis, P.E.

Utilities
Fannie Howard, P.E.
Toral Hertzberg, P.E.

Community Outreach
Lisa Stone, P.E.
Matthew Fursetzer, P.E.
Jess Sowards, AIA, LEED AP[1]

Architecture
Jess Sowards, AIA, LEED AP[1]
Jose Aguila, AIA, LEED AP[1]

Architectural Lighting
Kenneth Douglas, FIALD[2]
Simi Veti, Assoc. IALD[2]

Surveying/Subsurface Utility Engineering
Chris Demeter, PSM
Lee Powers, PSM[3]
Daniel Checchia[3]

Landscape Architecture
Jonathan Haigh, PLA
Tricia Richter, PLA

Construction Phase Services
Grant Martin, P.E.

Environmental Permitting
Denise Palmatier, P.E.
Lynn Kiefer
Tori Bacheler

Geotechnical Services
Mark Mesiano, P.E.[4]
Paul Teninty[4]
Yves-Stanley Delmas, P.E.[5]
Dan Hart, P.E.[5]

Subconsultants

1. CSA Architects, Inc.
2. HLB Lighting (WBE)
3. Keith & Associates, Inc. (LBE)
4. Florida Engineering & Testing (MBE/LBE)
5. H2R Corp

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Tab 6
Statement of Skills and Experience

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Statement of Skills and Experience of the Project Team

The members of our project team were selected based upon their experience with bridge and infrastructure projects of similar scale and complexity and their availability to assume major project responsibilities on this contract. Our team is not focused on short-term results. We are committed to continuing a long-term, successful relationship with the City founded on trust, respect, and teamwork.

Kimley-Horn is an employee-owned firm structured to attract and retain design professionals who are highly-skilled and dedicated to client service. This client-service mindset has been the hallmark of our growth over the last 51 years.

Local bridge and roadway design staff based in West Palm Beach and Fort Lauderdale will be responsible for the management and production of your program with the support from specialty bridge lighting design and local Pompano-Beach-based subconsultants. With almost 300 professional and support staff in Fort Lauderdale and West Palm Beach combined, plus 450 additional staff across Florida, Kimley-Horn has more than enough staffing resources and availability to meet the City's needs.

Sumter Blvd over Cocoplum Waterway, City of Northport, FL. Kimley-Horn provided permitting, design, and construction phase services.

Bridge Engineering

Our experienced bridge design staff has already encountered—and surmounted—just about every challenge your projects could throw at them. Difficult site conditions and geometry. Unusual geotechnical underpinnings. Simultaneous construction schedules. We can provide creative solutions that cost-effectively meet the demands of your site and schedule, using precast, prestressed concrete; structural steel; curved steel; cast-in-place segmental construction; and cast-in-place post-tensioned construction.

Military Trail over C-51 Canal, West Palm Beach. Kimley-Horn provided permitting, design, and construction phase services.

Hundreds of municipal bridges across the U.S. bear our imprint: canal, river and stream crossings; highway overpasses; railroad crossings; and pedestrian walkways. Our multidisciplinary expertise spans both roadway and bridge engineering—from planning and surveys through design and construction administration—successfully integrating the full range of each site's demands. Our project goal is as simple: make each bridge project an outstanding success.

Bridge Inspection and Rehabilitation

FDOT District's One, Two, Three, Four, Five, Six, and Seven have relied on Kimley-Horn's bridge inspection and bridge scour analysis experience to support their bridge maintenance programs statewide. Our experience across Florida has provided us the opportunity to become extremely familiar with a variety of bridge types and construction techniques, as well as federal guidelines and regulations regarding bridge scour, maintenance, and rehabilitation. Our focus throughout any project is to look for cost-effective, innovative ways to get each design and construction job done quickly, accurately and cost effectively. Our goal is to satisfy your needs with the best alternative. We evaluate each alternative as if we were spending our own money.

Bridge and Roadway Approach Design

Roadway design is one of the mainstays of our firm's professional practice. Collectively, our engineers have been responsible for the design of more than 3,000 miles of roadway nationwide. 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, and other features. Paving and drainage services are an integral part of our bridge and 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/observation.

South Dogwood Trail over Snow Goose Canal, Southern Shores, NC. Kimley-Horn provided preliminary, final design and bid-phase services.

Bridge Design and Construction Plans

After a hard day managing crews under a hot sun, the last thing you want to hear is that the contractor thinks there's a design issue. We agree. That's why we will provide quality construction plans that are designed to *meet all local, county, and FDOT standards*—the standards your contractors understand. We will apply our own detailed and specific quality control procedures to each bridge design effort to make sure the plans are as thorough as possible. And our key team members have inspected so many bridges across Florida that we know what can go wrong and design to avoid it.

Clients say we're so accurate that there aren't many change orders—so thorough that there are few surprises in the field, and so clear that contractors don't have trouble understanding what they need to do. If your bridge design poses special requirements, we will satisfy them, too—whether you want a traditional design to match a historic setting or a planter wall to provide a specialty landscape feature.

Subconsultants

Kimley-Horn has partnered with the following specialty and local Pompano Beach-based (LBE) subconsultants.

Currie Sowards Aguila Architects, Inc., *architectural design.* CSAA has provided architectural design services for several iconic pedestrian-friendly bridges in South Florida, including Pompano Beach. The team's bridge designs have created architectural synergy between coastal communities for the City of Boynton Beach and the Town of Manalapan

with the ocean creature inspired Ocean Avenue Bridge and more recently between the City of West Palm Beach and the Town of Palm Beach with the regal Flagler Memorial Bridge. ***Currently under construction is the firm's most recent bridge assignment, a nautical themed design for the Atlantic Boulevard Bridge for the City of Pompano Beach.***

HLB Lighting Design (WBE), ***architectural lighting.*** Horton Lees Brogden Lighting Design is a woman-owned, internationally recognized architectural lighting design firm with offices in Miami, New York, San Francisco, Los Angeles, Boston, Denver, and Austin. Founded in 1968, HLB specializes in exterior electric lighting design, controls, and integration. Their dynamic team has backgrounds in architecture, theater, and engineering, allowing them to create extraordinary solutions to the most complicated design challenges. They are currently providing architectural lighting design for the structures being built for the I-4 Ultimate Design-Build project in Orlando.

Keith and Associates, Inc. (LBE), ***surveying and subsurface utility investigations.*** Keith and Associates offers in-house surveying and mapping capabilities, including boundary, topographic, control, wetland, mitigation, route, bathymetric, GIS, GPS, as-built, and coastal surveys. The firm maintains eight full-time field crews with Maintenance of Traffic (M.O.T.) Safety Training currently required by the Florida Department of Transportation for work within public roadways. Their subsurface utility engineering (SUE) staff provides accurate mapping of existing underground utilities, eliminating the need to "find out the hard way" that plotted utility information was inaccurate. Their utility coordination managers have extensive experience working with local facility owners, design teams and agencies in Broward County to mitigate conflicts between existing facilities and proposed designs. ***They are based in Pompano Beach.***

Florida Engineering & Testing, Inc. (LBE/MBE), ***geotechnical services.*** FE&T provides a full range of foundation recommendations and geotechnical analysis for all types of structures. They own and operate their own drilling equipment and support vehicles. They pride themselves on quick turnaround times for subsoil investigations (soil borings), monitoring well installations, and exfiltration (hydraulic conductivity) tests. ***They are based in Pompano Beach.***

H2R Corp (SBE), ***geotechnical services.*** H2R provides geotechnical engineering, foundation testing and inspection, subsurface exploration and drilling, specialty construction support and verification, materials testing and inspection services, and CEI support services throughout Florida. ***They are based in Pompano Beach.***

Similar Project Experience

Several of our team's similar projects follow on the next pages. Additional project experience is detailed in the **References section beginning on page 8-1.**

Atlantic Boulevard Bascule Bridge Improvements

City of Pompano Beach

Kimley-Horn is currently serving the City of Pompano with CSA Architects and Burkhardt Construction to incorporate safety and aesthetic improvements to this 400-foot bascule bridge over the Intracoastal Waterway. Kimley-Horn designed a replacement traffic railing to improve safety and aesthetics as well as an under-bridge walkway to improve pedestrian access to the water. Kimley-Horn obtained all permits for the project through coordination with FDOT, USACE, FDEP, the City, and SFWMD. This project will create a signature feature the City's Beach district. *Construction Cost:* $1.5M (Phase 1); *Completed:* Ongoing

Team members participating on project: Matt Fursetzer, P.E.; Anthony Bevilacqua, P.E; Jerry Piccolo, P.E., Toral Hertzberg, P.E.; Tricia Richter, PLA, Jonathan Haigh, PLA; Subconsultants participating on project: Currie Sowards Aguila, Keith and Associates; *Reference:* Horacio Danovich, RMA, Dir. of Engineering Services, City of Pompano Beach, (954) 786-7834, horacio.danovich@copbfl.com

SR 992/SW 152nd St. (Coral Reef Dr.) over the C-100 Canal

FDOT District Six, Miami-Dade County

Kimley-Horn was responsible for the rehabilitation and retrofit of an existing 3-span, PC/PS concrete slab unit bridge crossing the C-100 Canal. The existing bridge utilized non-composite slab units placed side-by-side with an asphalt topping. Over the years, through milling and resurfacing operations, the asphalt thickness had increased 2-3 times the original maximum design thickness in several locations. In addition, differential movement between adjacent slab units resulted in full-depth longitudinal cracks in the asphalt along the length of the bridge causing distress

in the asphalt and allowing rainwater and debris to seep through the bridge in multiple locations, increasing the frequency and cost of long-term maintenance. As part of the project, the bridge was converted to a composite bridge by removing the asphalt overlay and replacing it with a cast-in-place reinforced concrete topping slab. Reinforcing dowels were installed into the top of the existing slab units to ensure composite action. In addition, expansion joints were replaced at all supports, concrete traffic railings were reconstructed to the latest FDOT Standards, and new ADA compliant sidewalks with aluminum pedestrian railings were reconstructed along each side of the bridge. *Construction Cost:* $2.6M; *Completed:* February 2018

Team members participating on project: Anthony Bevilacqua, P.E; Jerry Piccolo, P.E., Tom Farnan, P.E., Derrick Lewis, P.E., Jamea Long, P.E.; *Reference:* Elsa N. Riverol, P.E., FDOT District Six, elsa.riverol@dot.state.fl.us (305) 470-5105

SW 42nd Street Flyover (SR 200 to SW 27th Avenue)

City of Ocala

Kimley-Horn prepared the bridge development report and subsequent design of a new two-span bridge over I-75 using AASHTO Type VI girders in a chorded arrangement allowing for a curved roadway alignment. Span lengths were set to accommodate the ultimate I-75 ten-lane configuration. This was the fourth phase of an east-west roadway corridor improvement project through the south side of Ocala. *Construction Cost:* $19.8M; *Completed:* October 2013

Team members participating on project: Anthony Bevilacqua, P.E, Jamea Long, P.E., Tom Farnan, P.E.; *Reference:* Oscar Tovar, P.E., Transportation Division Head, City of Ocala, otovar@ocalafl.org, (352) 629-2489

CR 475 Bridge over Jumper Creek

Sumter County

Kimley-Horn designed a new three-span bridge utilizing PC/PS Florida Slab Beams (FSBs) to replace the existing five-span, cast-in-place flat slab bridge. Improvements include milling and resurfacing, structural design, permitting, and construction phase services. Since FSBs were recently developed by FDOT and only available as Developmental Design Standards, close coordination with FDOT Central Office was required to obtain standards and specifications for use on this project. *Construction Cost:* TBD (now under construction); *Completed:* Ongoing

Team members participating on project: Anthony Bevilacqua, P.E, Jerry Piccolo, P.E., Chris Demeter, PSM, Tori Bacheler, Lynn Kiefer; *Reference:* Bradley Arnold, County Administrator, bradley.arnold@sumtercountyfl.gov, (352) 689-6700

US 1 over the Sebastian Inlet, Fishing Pier Replacement and Miscellaneous Bridge Repairs

FDOT District Four, Indian River and Brevard Counties

Kimley-Horn provided concrete repair and restoration associated with the mainline bridge superstructure. The approach spans use PC/PS AASHTO girders, while the main spans use post-tensioned concrete girders. Repairs included epoxy injection, spall repair, strand splicing, and the cleaning/coating of existing steel bearings. In addition, the existing fishing pier structure was replaced with a new structure utilizing rolled steel beams with a steel grating deck system. *Construction Cost:* $1.63M; *Completed:* April 2015

Team members participating on project: Anthony Bevilacqua, P.E, Jamea Long, P.E., Tom Farnan, P.E., Marwan Mufleh, P.E., Lisa Stone, P.E., Lynn Kiefer; *Reference:* Vanita Saini, P.E., Project Manager, vanita.saini@dot.state.fl.us, (954) 777-4468

Pedestrian Bridge Design and Roadway Improvements (NW 175th Street and NW 42nd Avenue)

Miami Gardens

Kimley-Horn was selected by the City for the design and construction of a new pedestrian bridge. The purpose of this project was to provide pedestrian access along the north side of NW 175th Street and NW 173rd Drive—across a Miami-Dade County canal—between NW 42nd Avenue and NW 42nd Court. The old bridge was two lanes with a raised pedestrian sidewalk along the north side. Services our team provided included intersection improvements, signing/pavement markings, sidewalk and ADA improvements, signal modifications, and structural engineering, including bridge evaluation, rehabilitation, design, permitting, and coordination with FDOT to comply with Local Agency Program (LAP) funding. *Construction Cost:* $300,000; *Completed:* October 2013

Team members participating on project: Anthony Bevilacqua, P.E, Gary Ratay, P.E., Tom Farnan, P.E., Jerry Piccolo, P.E., Jamea Long, P.E.; *Reference:* Osdel Larrea (former Public Works Director), now with Town of Davie, osdel_fernandez-larrea@davie-fl.gov, (954) 797-1240

Midway Road Bridge over North Fork of the St. Lucie River

FDOT District Four, St. Lucie County

Kimley-Horn designed a new 3-span bridge over the St. Lucie River. The project involved the widening of an existing undivided two-lane roadway to a divided four-lane urban roadway. The new bridge utilizes precast/ prestressed Florida-I beams with span lengths set to accommodate the future typical section. The bridge typical section allows for travel lanes, buffered bicycle lanes, and sidewalks/shared use paths. Phased construction will be used to allow for the removal of the existing bridge while maintaining existing traffic. *Construction Cost:* TBD (now under construction)

Team members participating on project: Matt Fursetzer, P.E., Tara Swann, P.E., Jerry Piccolo, P.E., Anthony Bevilacqua, P.E, Jonathan Haigh, PLA, Tom Farnan, P.E., Tricia Richter, PLA, Jamea Long, P.E., Derrick Lewis, P.E., Artem Strunnikov, P.E., Lynn Kiefer, Lisa Stone, P.E.; *Reference:* Vanita Saini, P.E., Project Manager, vanita.saini@dot.state.fl.us, (954) 777-4468

Glades Road Exit Ramp over Lake Worth Drainage District Canal

Florida's Turnpike Enterprise, Boca Raton

As part of Kimley-Horn's design services for the Turnpike All-Electronic Tolling 5A conversion from I-595 to south of the Lantana Toll Plaza, we designed a new two-lane northbound exit ramp structure over the Lake Worth Drainage District Canal and added a right-turn lane onto Glades Road. The bridge is a three-span continuous cast in place concrete flat slab supported on concrete pile bents with 18-inch precast prestressed concrete piles. Design services also included a retaining wall. *Construction Cost:* $8.3M; *Completed:* March 2018

Team members participating on project: Jamea Long, P.E., Jerry Piccolo, P.E., Lisa Stone, P.E., Matt Fursetzer, P.E., Tony Bevilacqua, P.E.; *Reference:* Terry Miller, P.E., terry.miller@dot.state.fl.us, (407) 264-3626

Flagler Memorial Bascule Bridge Replacement Design-Build Criteria Package and Construction Phase Services

FDOT District Four, West Palm Beach

Kimley-Horn developed design-build criteria package for replacement of the existing four-lane bascule bridge across the Intracoastal Waterway and subsequently provided post-design services during construction. Our team designed the approach roadways, drainage systems, and construction phasing traffic control plans to 90% and included concept development of signing/marking, signalization, lighting, structures and landscape plans. The scope also included extensive public involvement, permitting, and utility coordination efforts. The new bridge is 1,800 feet long (made shorter by the use of retaining walls at one end) and touches down at a new signalized intersection with Flagler Drive. The new bridge includes special traffic barriers, decorative pedestrian railings and light poles, and customized architectural and landscape features. *Construction Cost:* $90M; *Completed:* June 2017

Team members participating on project: Matt Fursetzer, P.E., Lisa Stone, P.E., Lynn Kiefer; *Subconsultant team members participating on project:* Currie Sowards Aguila Architects; *Reference:* James Hughes, P.E., FDOT Project Manager, james.hughes@dot.state.fl.us, (850) 414-4100

US 1/Jupiter Bascule Bridge Replacement

FDOT District Four, Jupiter

Kimley-Horn was retained by FDOT District Four to conduct a PD&E study for bascule bridge no. 930005 in Jupiter. Our team evaluated the following alternatives: 1) Bridge rehabilitation; 2) high-, mid-, or low-level replacement, and various alignment alternatives that include consideration for temporary bridge, full bridge closure, and phased construction with temporary traffic using the existing bridge. Each alternative evaluated bringing the bridge up to FDOT standards and includes options to accommodate pedestrian and bicyclists. The study effort also included a complex public involvement component and public hearing. Subsequent to the selection of the preferred alternative of a higher, wider bascule bridge with bike lanes and sidewalks, Kimley-Horn was selected by design-build firm constructing the new bridge to provide roadway design, lighting, and public involvement support. *Construction Cost:* $120M (estimated); *Completed:* Ongoing

Team members participating on project: Matt Fursetzer, P.E., Lisa Stone, P.E., Tara Swann, P.E., Derrick Lewis, P.E., Tricia Richter, PLA, Tori Bacheler, Lynn Kiefer; *Reference:* Vanita Saini, P.E., FDOT District Four, vanita.saini@dot.state.fl.us, (954) 777-4468

Dixie Highway Flyover Design-Build

FDOT District Four

2014 NSBA Prize Bridge Award, Medium Span Category

Kimley-Horn served as lead structural designer for a new eight-span, s-curved, steel box girder bridge over the Hillsboro Canal and FEC RR; a three-span bridge over the canal; and retaining walls. This was a fast-track design-build project with only seven months allotted to complete the design and release the project to construction. *Construction Cost:* $40M; *Completed:* July 2012

Team members participating on project: Anthony Bevilacqua, P.E, Jonathan Haigh, PLA, Tom Farnan, P.E., Tricia Richter, PLA, Jamea Long, P.E.; *Reference:* Nadir Rodriguez, FDOT Project Manager, nadir.rodriguez@dot.state.fl.us, (954) 777-4835

Broad Causeway West Relief Bridge

Town of Bay Harbor Islands

Kimley-Horn and the Town conducted a field observation on October 15, 2002 and concluded that the bridges in the current state were unsuitable for legal loads. Kimley-Horn recommended that the Town contact the FDOT District Six so they could also visit the bridge site and perform an independent inspection and evaluation of the bridges. FDOT inspected the bridges and determined that they should be posted based on their load rating calculations, and that the Town should take immediate action to repair or replace the bridge. Kimley-Horn prepared construction documents and associated permits for the rehabilitation of the Town's West Relief Bridge. The project included demolition of the existing bridge; construction of a new bridge; roadway, drainage, and lighting improvements; and permitting coordination with numerous agencies such as DERM, SFWMD, US Coast Guard, US Army Corps of Engineers (USACE), and FDOT. *Construction Cost:* $2.5M; *Completed:* 2005

Team members participating on project: Gary Ratay, P.E., Tom Farnan, P.E., Tony Bevilacqua, P.E.; *Reference:* J.C. Jimenez, City Manager, jcjimenez@bayharborislands.net, (305) 866-6241

Currie Sowards Aguila Architects Experience

Atlantic Boulevard Bridge and Streetscape Design

City of Pompano Beach

CSA is working with Kimley-Horn on this design-build effort that broke ground in December 2017 with a well-attended, nautical inspired event. The City of Pompano Beach's downtown has undergone a significant design transformation in recent years and our design build partner, Burkhardt Construction has been on the frontline of the streetscape improvements made on Atlantic Boulevard's east side. This playful design concept incorporates sail-like components and art work designed by local artisan, Dennis Friel.

CSA team members participating on project: Jess Sowards, AIA, José Aguila, AIA; *Reference:* Horacio Danovich, P.E., horacio.danovich@copbfl.com, (954) 786-7834

Flagler Memorial Bridge

FDOT District Four, West Palm Beach

CSA worked with Kimley-Horn on the design-build criteria package for this bascule bridge replacement. The Flagler Memorial Bridge is the connecting point for the City of West Palm Beach and the Town of Palm Beach, two distinctly different South Florida communities. The bascule bridge serves as the replacement for a 1938 structure and spans 2,400 feet over the Intracoastal Waterway. CSA provided services to FDOT for a PD&E study and met with the community to determine location of new bridge, height and the architectural style of the bridge. The team then developed a criteria package for a design-build project delivery. We assisted FDOT with the selection of the design-build team and provided plan review of documents for compliance with the RFP. PCL was the successful contractor. *Construction Cost:* $94M

CSA team members participating on project: Jess Sowards, AIA, José Aguila, AIA; *Reference:* James Hughes, P.E., FDOT Project Manager, james.hughes@dot.state.fl.us, (850) 414-4100

US 1/Jupiter Bascule Bridge Replacement

FDOT District Four, Jupiter

CSA was a part of the team led by Kimley-Horn for the PD&E study for the Jupiter Inlet Bridge. CSAA was responsible for creating this historically compatible bridge tender house, railing design and bascule foundation aesthetics and ensuring that the bridge would blend seamlessly with the Town of Jupiter's unique seaside charm. *Est. Construction Cost:* $90M

CSA team members participating on project: Jess Sowards, AIA, José Aguila, AIA; *Reference:* Vanita Saini, P.E., FDOT District Four, vanita.saini@dot.state.fl.us, (954) 777-4468

Crosstown Parkway Bridge over the North Fork of the St. Lucie River

FDOT District Four

The Crosstown Parkway Bridge is a new ¾-mile-long fixed flyover of a sensitive estuary called the North Fork of the St. Lucie River. **In collaboration with Kimley-Horn, CSA created architectural features at each corner of the approach spans that signify the entrance to the estuary** and convey the community's value for the natural environment. The inclusion of the commissioned art work by Guy Harvey which features the river's natural habitat completes the design of the bridge aesthetics. CSA subsequently assisted with preparation of RFP documents for design-build procurement. *Est. Construction Cost:* $110M

CSA team members participating on project: Jess Sowards, AIA, José Aguila, AIA; *Reference:* Frank Knott, fknott@cityofpsl.com, City Project Manager, (772) 871-5100

Keith and Associates Experience

SE 8th Court Bridge Replacement

City of Pompano Beach

The project consisted of replacing an existing bridge along SE 8th Court, immediately east of SE 22nd Avenue. The bridge crosses over a leg of the Lake Santa Barbara waterway within the Santa Barbara Shores subdivision in the City of Pompano Beach. **Keith and Associates** provided complete design, permitting, bid assistance, coordinated structural engineering for the bridge design, and construction inspection for phased bridge and bulkhead rehabilitation/ replacement. The project also included complete and total restoration of the impacted irrigation, sod and landscape features to their original condition. Additional services also included design survey, utility investigation, roadway design, preliminary geotechnical testing, utility coordination, and preparation of construction documents.

Keith team members participating on project: Lee Powers, PSM, Dan Checchia; *Reference:* John Sfiropoulos, City Engineer, john.sfiropoulos@copbfl.com, (954) 786-4060

pompano beach
Florida's Warmest Welcome

Design and Consulting Services
for Five Bridges within City Limits RFQ E-16-18

Tab 7
Resumes of Key Personnel

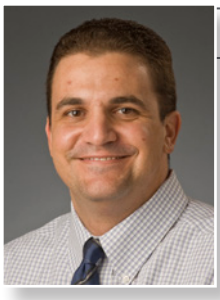
Kimley»Horn
Expect More. Experience Better.

Key Personnel

Matt Fursetzer, P.E.

Project Manager

Matt has 17 years of diverse roadway design and project management experience for municipal transportation infrastructure improvements, PD&E studies, highway and bridge lighting design, plans preparation, utility coordination, maintenance of traffic, pavement design, signing and pavement marking, permitting, design-build procurement and construction phase services. He serves as Kimley-Horn's project manager for our services on the Atlantic Bridge Replacement project in Pompano Beach. He also led the firm's post-design construction phase services for the Flagler Bridge Bascule Replacement in West Palm Beach and served as project manager for the SR A1A North Causeway Bridge Replacement PD&E Study for FDOT District Four.



Anthony Bevilacqua, P.E.

Assistant Project Manager

Tony has 19 years of experience in the design of pre-stressed concrete bridges and steel plate girder bridges across Florida. He also specializes in bridge repair and rehabilitation projects. Significant recent projects include serving as project manager for the Scour Evaluation for Bridges with Unknown Foundations in FDOT Districts Two, Five, and Seven; design engineer for the Repair and Rehabilitation of the SR A1A Bridge over the Sebastian Inlet (FDOT District Four); and QA/QC officer for the Repair and Rehabilitation of the SR A1A Bridge over the FPL Discharge Canal (FDOT District Four).

Lisa Stone, P.E.

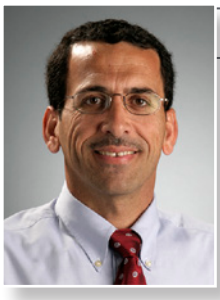
Community Outreach

Lisa has 22 years of experience providing public involvement, utility coordination, transportation, PD&E, roadway design, plan preparation, maintenance of traffic, pavement design, roadway lighting design, signing and pavement marking, permitting, long range estimates, specifications, and post-design services for municipal and FDOT projects across the state. Lisa has served as project manager and/or public involvement task leader for the SW 10th Street PD&E Study in Deerfield Beach; Turnpike Mainline Widening from Lake Worth to Jupiter PD&E Study; Mainline Widening PD&E Study/Design for three sections of Turnpike Widening in Broward County; and the Flagler Bascule Bridge and Jupiter/A1A Bascule Bridge Replacement PD&E Studies for FDOT District Four.

Denise Palmatier, P.E.

Environmental Permitting

Denise is a former SFWMD design engineer with 25 years of experience in the planning, design, and construction management of capital improvement projects for stormwater treatment and flood control projects. Her engineering background includes water resource projects and water treatment areas, as well as the infrastructure associated with flood control and related communications. As a result of her involvement on these projects, she has developed skills related to permitting, planning and feasibility studies, scheduling and cost estimating, and public outreach on infrastructure improvements projects. In addition, she has extensive experience with relevant regulatory and environmental requirements for expediting projects.



Marwan Mufleh, P.E.

Principal-in-Charge

Marwan has 31 years of municipal roadway and public infrastructure improvement design experience in South Florida. His principal areas of practice include project management, streetscape design, Complete Streets design, roadway design, drainage design, pavement marking, maintenance of traffic, and construction administration. Marwan has worked extensively on projects in Broward County, including the recent Downtown Pompano Beach Connectivity Plan/MLK Boulevard/Old Pompano Beach Improvements where Kimley-Horn served as a subconsultant to **Keith and Associates.**

Resumes for all our key staff, supporting staff, and subconsultants are included on the following pages.

Matthew Fursetzer, P.E.

Project Manager

PROFESSIONAL CREDENTIALS

Bachelor of Science, Civil Engineering, University of Florida, 2001

Professional Engineer in Florida, #63997, February 6, 2006

American Society of Civil Engineers (ASCE)

American Society of Highway Engineers (ASHE)

SPECIAL QUALIFICATIONS

Has 17 years of experience in roadway design, transportation planning and traffic engineering with significant experience in aesthetic lighting for FDOT facilities

Has managed projects ranging from traffic analyses and roadway/ intersection design to PD&E studies and design-build criteria package development

Knowledgeable in feasibility studies, corridor studies, transportation network development, cost/benefit analyses, and NEPA documentation

Proficient in AGI 32, Microstation, AutoCad, MathCad, and Visual Basic software programs

Relevant Experience

Atlantic Boulevard Bridge Improvements and Streetscape, City of Pompano Beach
Project manager for design and construction phase services as a subconsultant to another firm for enhancements to the bridge façade, tender house, Jersey barriers, lighting, large tensioned sails at each end of the bridge (four total) and computerized uplighting, artwork on bridge façades, land-based lighting, and a pedestrian esplanade under the bridge connecting restaurants and buildings from the south to the north. The design-build team will be responsible for complete design, permitting and coordination with FDOT.

SR A1A North Causeway PD&E Study, FDOT District Four, Fort Pierce — Project manager. The SR A1A North Causeway Bridge is a movable bascule bridge that was constructed in 1963. It spans over the Atlantic Intracoastal Waterway (ICWW) connecting the barrier island to the mainland in the City of Fort Pierce. In March 2013, the bridge was inspected and deemed an "operational area of concern." The purpose of this PD&E Study is to evaluate bridge replacement alternatives to resolve the structurally deficient conditions of the existing bridge and enhance regional mobility for the adjacent area.

SR A1A (Flagler Memorial Bridge) Replacement Design-Build Criteria Package and Construction Phase Services, FDOT District Four — Project manager for development of design-build criteria package for replacement of the existing four-lane bascule bridge across the Intracoastal Waterway. The design of the approach roadways, drainage systems, and construction phasing TCP is developed to 90% and included concept development of signing/marking, signalization, lighting, structures and landscape plans. The scope also included extensive public involvement, permitting, and utility coordination efforts. Also served as lighting design engineer.

East Atlantic Avenue Intersection Improvements, Delray Beach — Project engineer. Kimley-Horn was retained by Delray Beach to revise the design and provide construction plans and cost estimated for two intersections at Gleason Street and Venetian Drive at East Atlantic Avenue. FDOT requested the City not replace deteriorating existing pavers but install new concrete pavement at these intersections.

SR A1A Complete Streets Design, Hollywood — Project engineer of the Kimley-Horn team serving the City of Hollywood to help reduce the number of travel lanes and incorporate Complete Streets elements within the corridor between Hollywood Boulevard and Sheridan Street. The concept plans will include a reduction of speed, improving safety for vehicles, pedestrians, and bicyclists; wider sidewalks, buffered bicycle lanes, and designated loading zones; and improved street furniture, landscaping, and signage. The team will also provide traffic signal/roundabout analysis, driveway access review, emergency vehicle access review, meetings and coordination, and permitting services. Part of the project included preparation of pilot plans/ temporary implementation plans (permitted by FDOT) to allow the public to experience the lane reduction on a trial basis to test its effectiveness prior to making it permanent.

SW 10th Street PD&E Study (Sawgrass to I-95), FDOT District Four, Broward County, Deerfield Beach — Project engineer for Kimley-Horn's services as a subconsultant to another firm for this politically charged PD&E study in Broward County. The study's goal is to look at options to provide connectivity between Florida's Turnpike, Sawgrass Expressway, and I-95 — three major limited-access, SIS facilities in South Florida. Other goals include enhanced local access for businesses and communities; provisions for multimodal, bicycle and pedestrian facilities; provisions for future express bus service; and design services to increase capacity and eliminate existing operational and safety deficiencies along SW 10th Street.

Kimley»Horn

Matthew Fursetzer, P.E.

PD&E Study for Florida's Turnpike Spur and the HEFT from NW 57th Avenue to Turnpike Mainline, Broward/Miami-Dade Counties — Lighting design engineer for the Kimley-Horn team serving as a subconsultant to another firm to provide engineering services for a PD&E study for the widening of the Florida's Turnpike Spur and the HEFT from East of NW 57th Avenue to Mainline in Broward and Miami-Dade counties.

Florida's Turnpike Widening from Glades Road to Atlantic Avenue, Florida's Turnpike Enterprise, Palm Beach County — Project engineer. Kimley-Horn is providing professional services for the widening design of the Turnpike mainline from 6 to 10 lanes, including express lanes. Design services include stabilizing the Lake Worth Drainage District (LWDD) E-2W canal bank to support the project's widening, replacing the Yamato Road bridge over the Turnpike, widening the bridge over Clint Moore Road, replacing the bridge over L-38 Canal, designing noise barriers, roadway lighting, signing and pavement markings, and utility coordination.

Wiles Road Design from Riverside Drive to Rock Island Road, Broward County — Provided lighting design services for complete contract plans for the widening of Wiles Road to a 6-lane divided urban arterial from Riverside Drive to Rock Island Road. One of the major accomplishments of this segment's design was to work with all stakeholders to avoid issues related to private property impacts given the narrow corridor and proximity of private features. Another major accomplishment was an innovative drainage solution that added new outfalls through City owned property to an existing undersized drainage system to avoid reconstructing the entire Wiles Road system. We coordinated closely with the County to tackle issues related to the narrow areas of the corridor, including a balance between traffic lane, sidewalk and bike lane widths.

Wiles Road Design from Rock Island Road to US 441 (SR 7), Coral Springs — Project engineer providing lighting design for the Kimley-Horn team selected by the Broward County Engineering Division to prepare complete contract plans for the reconstruction and widening of Wiles Road as a six-lane divided urban arterial from Rock Island Road to US 441 (SR 7). Broward County and FDOT are sharing in the cost of improvements which include drainage, lighting, landscaping, irrigation, bicycle lanes, signalization, utility coordination, and detailed traffic control plans.

Boynton Beach Boulevard Design from East of I-95 to US-1, Boynton Beach — Project engineer providing design services for this multi-stage project in the City of Boynton Beach. The design improvements to the project area (east of I-95 to US-1) include landscape architecture enhancements and Complete Streets features. Design features include narrowed lanes and expanded sidewalks to encourage pedestrian mobility and landscape/hardscape upgrades within the corridor. Our services include roadway and landscape design; signing and marking; signal plans; lighting; traffic analysis; utility coordination; permitting assistance; and public involvement services.

Mowry Drive Roadway Improvements, City of Homestead — Lighting design engineer for the new construction and widening of Mowry Drive (SW 320th Street) from SW 157th Avenue to SW 152nd Avenue. The existing roadway consisted of a one-lane paved road and was proposed to be converted to a four-lane divided urban section with bike lanes on both sides. The project included design and preparation of roadway, drainage, signing and marking, lighting, water main extension, landscaping and irrigation plans. Start/End Date: 1/2012-ongoing Contract Amt.: $600k (fee)

Congress Avenue Extension from Northlake Boulevard to Alternate A1A, Palm Beach Gardens — Project engineer. Kimley-Horn was selected by Palm Beach County to provide professional engineering services to create a new alignment of Congress Avenue between Northlake Boulevard and Alternate A1A. The mission of the project is to alleviate the existing traffic congestion at the intersection of Northlake Boulevard and Alternate A1A. The new alignment will impact an existing water treatment plant, active and vacated mobile home communities, and businesses. Our team faces the challenge of developing a roadway geometry that will minimize these impacts while accommodating for varying area topography and the FEC railroad tracks adjacent to Alternate A1A.

Boca Raton Downtown Light Pole Standards, Boca Raton — Project manager and helped direct selection of standardized light pole fixtures for downtown redevelopment projects. The City previously had a mix of high pressure sodium, metal halide, and LED light fixtures, however the aging lights were no long weather resistant and needed frequent maintenance and/or replacement. The City tasked Kimley-Horn to develop a standard for exterior lighting to help give the Downtown area a uniform feel and reduce the effort needed to maintain multiple types of fixtures.

Marwan H. Mufleh, P.E.

Principal-in-Charge

PROFESSIONAL CREDENTIALS

Bachelor of Science, Civil Engineering, University of Texas, Arlington, 1986

Professional Engineer in Florida, #45329, March 27, 1992

American Society of Civil Engineers (ASCE)

American Society of Highway Engineers (ASHE) Florida Engineering Society, Member

SPECIAL QUALIFICATIONS

Has 31 years of civil engineering experience

Principal areas of practice include project management from the design concept stage through the construction administration phase, roadway design, streetscape, Complete Streets, roadway lane re-purposing, traffic calming, neighborhood revitalization, drainage design, innovative pavement design, pavement marking, and maintenance of traffic

Served as project manager on numerous successful highway design and construction projects for Broward County and various municipalities and CRAs

Highly experienced with neighborhood street redevelopment and lane elimination to repurpose streets for all modes of transportation Experienced in Microstation and Geopak

Relevant Experience

MLK Jr. Boulevard Improvements and Downtown Connectivity, Pompano Beach — Project manager for Kimley-Horn's services to another firm to provide professional engineering design services to the City and the Pompano Beach CRA for roadway improvements along Martin Luther King Jr. Boulevard (a.k.a. Hammondville Road) between NW 0th Avenue to east of Dixie Highway. Marwan supervised a group of professionals to provide traffic analysis studies, signal modification design, maintenance of traffic plans, irrigation plans and provided assistance during the construction phase.

NW 6th Avenue, Pompano Beach — Supervised project manager for the design and construction administration for the reconstruction of a two-lane urban collector in the NW CRA. This project was highly visible and politically sensitive because it was intended to revitalize the neighborhood along the corridor. As such, it required extensive coordination with the City Manager, Public Works Administrator, and City Council. It involved creative hardscape utilizing African themes for brick paver crosswalks, sidewalks, roundabout intersections, signalized intersection, landscaping, irrigation and numerous driveway connections. It also involved extensive utility plans to place the overhead electrical, telephone, and cable TV lines underground.

NW 27th Avenue, Pompano Beach — Project manager for the reconstruction of one mile of a two-lane urban arterial within a residential area. The project involved numerous driveway connections, drainage, landscaping, and irrigation.

SR A1A Complete Streets Design, City of Hollywood — Project manager of the Kimley-Horn team serving the City of Hollywood to conduct a feasibility study to incorporate Complete Streets elements within the corridor between Hollywood Boulevard and Sheridan Street. The traffic study considered alternatives including lane elimination and roadway reconfiguration. Because SR A1A is a state road, our team coordinated extensively with FOOT District Four for design approvals. The roadway plans include a reduction of speed, improving safety for vehicles, pedestrians, and bicyclists; wider sidewalks, improved street furniture, landscaping, and signage. The team also provided traffic signal analyses, driveway access reviews, emergency vehicle access reviews, meetings and coordination, and permitting services. Our team designed real world mock ups of selected alternatives for sidewalk pavers and decorative street lights for the public's input before final design.

Dixie Highway/21st Avenue Corridor Redesign Concept and Mobility Study, City of Hollywood — Contract manager for the Kimley-Horn team that prepared a Redesign Concept Study for the Dixie Highway and 21st Avenue corridor throughout Hollywood between Pembroke Road and Sheridan Street. A vision for a "transit-ready corridor" along the FEC Railroad was created by designing Complete Streets solutions in anticipation of re-establishing passenger rail service through seamless integration of an anticipated Tri-Rail Coastal Link station. The Complete Streets approach recommended in this study includes a "road diet" lane reduction to repurpose excess automobile capacity for bicyclist, pedestrian, and transit improvements. In addition, the Complete Streets approach will establish a transit-ready corridor for seamless integration of an anticipated Tri-Rail Coastal Link station along the Florida East Coast (FEC) Railroad.

Las Olas Boulevard and Colee Hammock Neighborhood Traffic Calming, Fort Lauderdale — Project manager assisting the City with preliminary designs for the reconfiguration of Las Dias Boulevard. As a result, the City implemented a pilot project for temporary lane elimination and buffered bike lanes. Our services also addressed

traffic circulation, safety, multimodal mobility, and quality-of-life issues along the Las Olas Boulevard corridor (from just west of the Himmarshee Canal to the Intracoastal Waterway Bridge). The project also included a traffic calming study for the Colee Hammock neighborhood. Improvements included enhanced crosswalks, raised intersection, and warning lights for improved safety. For Colee Hammock, our team provided plans for roadway design, signing and pavement markings, lighting improvements, and permitting application preparation. Kimley-Horn also provided post-design construction services.

Las Olas Boulevard Corridor Improvements, Fort Lauderdale — Project engineer. Kimley-Horn provided final design, evaluation, and due diligence services for this mixed-use project for the City of Fort Lauderdale Community Redevelopment Agency. The project consists of the redevelopment of several pieces of City property from existing surface parking lots to a new multi-story parking garage; active park and plaza areas; and general open space to enhance the pedestrian and beachgoer experience in the Fort Lauderdale beach area. Las Olas Boulevard is being improved to provide a Complete Streets design to better connect the shops, restaurants, and other businesses with the new Oceanside Plaza on the south side of Las Olas Boulevard. Kimley-Horn also provided the initial site civil engineering design, roadway design, permitting coordination, stormwater, utility, franchise utility coordination, and other services.

Wiles Road Design from Riverside Drive to Rock Island Road, Broward County — Project manager for complete contract plans for the widening of Wiles Road to a 6-lane divided urban arterial from Riverside Drive to Rock Island Road. As part of this design, we incorporated the Broward Complete Streets guidelines on this project (also prepared by Kimley-Horn), which were endorsed by the Broward MPO. We coordinated closely with the County to tackle issues related to the narrow areas of the corridor, including a balance between traffic lane, sidewalk and bike lane widths. This segment had grant funding from FOOT and the improvements included roadway design, Complete Streets design, drainage, lighting, landscaping, irrigation, bicycle lanes, signalization, utility coordination, permitting coordination with the City of Coral Springs and detailed traffic control plans.

Boynton Beach Boulevard Design from East of 1-95 to US 1, Boynton Beach — Project manager providing design services for this multi-stage project in the City of Boynton Beach. The design improvements to the project area (east of 1-95 to US 1) include landscape architecture enhancements and Complete Streets features. Design features include narrowed lanes and e□panded sidewalks to encourage pedestrian mobility and landscape/hardscape upgrades within the corridor. Our services include roadway and landscape design; signing and marking; signal plans; lighting; traffic analysis; utility coordination; permitting assistance; and public involvement services.

Federal Highway (US 1) Enhancements, Delray Beach CRA — Project manager. This project included two miles of the US 1 one-way pair in each direction in Delray Beach. The City and its Community Redevelopment Agency (CRA) adopted the Downtown Delray Beach Master Plan, which has as one of its key elements a reconfiguration of the two one-way segments of US 1 from three lanes to two lanes. The design provided two lanes each way with on-street parking for both avenues, City residents and visitors will soon enjoy the benefits of on-street, buffered parking; slower speeds and a safer, more pedestrian-friendly environment; landscaping beautification and decorative, environmentally sensitive street lighting; bicycle lanes; and a new sense of continuity with the Downtown area.

24th and 25th Street Improvements, West Palm Beach — Project manager for the Kimley-Horn team retained by the City of West Palm Beach to provide streetscape improvements in the Northwood neighborhood area. This project is a joint effort between the City of West Palm Beach and the West Palm Beach Community Redevelopment Agency (CRA) to reconstruct each of the two-lane roadways with on-street parallel parking on both sides, thus creating a main street through the District. The project is envisioned as an impetus to spur redevelopment of that District. As such, it required an intensive public involvement program that included residents, merchants, the CRA Advisory Board, and the CRA Board, which is the City Commission. The project included extensive landscape and hardscape plans, renderings, decorative street lights, drainage, signing and marking, and traffic control plans; 24th and 25th Streets were also designated as SR 5 and are owned and maintained by the Florida Department of Transportation (FDOT). Therefore, permitting and close coordination with FDOT were necessary. Due to local agency participation, funding was provided by state and federal governments.

Tom Farnan, P.E.

Quality Assurance/Quality Control

PROFESSIONAL CREDENTIALS

Bachelor of Science, Civil Engineering, Arizona State University, 1980

Professional Engineer in Florida, #49143, April 1, 1995

SPECIAL QUALIFICATIONS

Has 38 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

Relevant Experience

Dixie Highway Flyover Design-Build, FDOT District Four — 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 three-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.

NW 25th Street Widening and Viaduct, FDOT District Six, Miami — Project manager, lead structural engineer, and engineer of record for Kimley-Horn's services. Duties included the design and checks for the bulkhead walls, at grade canal bridge, and viaduct portions for the three-span continuous steel plate girder units over SR 836 and NW 72nd Avenue.

Reconstruction of Krome Avenue (SR 997) from South of SW 296 Street to South of SW 232 Street, FDOT District Six — Senior structural engineer responsible for design of the bridge over the SFWMD canal. Kimley-Horn is providing roadway, signing and marking, signalization, lighting, structures and landscape design. The project consists of widening the existing 2-lane undivided road to a 4-lane divided road with a 10' wide shared use path. This project is part of the Krome Avenue South Corridor and has several environmentally sensitive areas. This segment of Krome Avenue handles part of the main freight activity in south and west Miami-Dade County, with a daily truck percentage of 15%.

Turnpike Mainline Widening Design, Boynton Beach to Lake Worth, Florida's Turnpike Enterprise (FTE) — Lead structural engineer for this 7.2-mile reconstruction of existing four-lane to eight-lane divided expressway that includes a new Interchange and conversion of mainline barrier plaza into full 8-lane open road tolling (ORT) expressway complete with ramp manual tolling. The project encompasses roadway widening, bridge widening and replacements, 2,500 feet of a major Lake Worth Drainage District Canal relocation, right-of-way acquisition, new toll plaza buildings, overhead signage, pavement markings, signalization, lighting, landscaping, ITS system relocation, utility adjustment, new sound barrier wall, and complex traffic control during construction. Led a team of 12 in-house multi-disciplinary staff.

Lantana Toll Plaza Open Road Tolling (ORT) Design, Palm Beach County — Served as project engineer. The ORT-Lite project was a fast-track, cost-conscious initiative of Florida's Turnpike Enterprise to institute Open Road Tolling (ORT) at both the Cypress Creek and Lantana Mainline Toll Plazas. The project included pavement widening, milling, resurfacing, and overbuild of the roadway approaches to the Lantana Toll Plaza, overhead signage, pavement markings, guardrail installation, toll plaza modifications, equipment gantry installation, and traffic control analyses and plans. The complexity of the project required close coordination with Turnpike staff, toll equipment installers, CEI staff and the contractor in the field. In order to maintain a steady revenue stream for the Florida's Turnpike Enterprise, the traffic control plan and switch over to the new tolling equipment necessitated nighttime lane closures.

Sand Lake Road and Florida's Turnpike Interchange Design, FDOT District Five Structural engineer for design of a new interchange for SR 91 (Turnpike Mainline) and SR 482 (Sand Lake Road) in Orange County. Responsible for all structural design,

including removal and replacement of the existing westbound bridge, superstructure replacement for the eastbound bridge, design of new SPUI ramps, design of seven retaining walls, box culverts, and all overhead sign structures, mast arms, and drainage structures.

I-75 Managed Lane Project (Segments A&B) Design Build, FDOT District Four — Engineer of Record for the design of a non-accessible express lane toll gantry on I-75 just north of the Florida's Turnpike Extension (HEFT). This gantry was designed in accordance with the Turnpikes GTR and required special coordination with Turnpike tolling staff since this gantry was the first bi-directional use tolling. Placement of tolling equipment was critical for this gantry. The gantry consisted of a tri-chord span truss structure with all the supporting tolling frame work and equipment.

I-75 Managed Lane Project (Segment C)- TS Design, FDOT District Four — Engineer of Record for the design of a non-accessible express lane toll gantry on I-75 just south of Miramar Parkway and a second gantry just south of Sheridan Street. These gantries were designed in accordance with the Turnpikes GTR and required special coordination with Turnpike tolling staff since this gantry was the first bi-directional use tolling. Placement of tolling equipment was critical for these gantries. The gantries consisted of a tri-chord span truss structure with all the supporting tolling frame work and equipment.

I-75 Managed Lane Project (Segment D) ITS Design, FDOT District Four — Engineer of Record for the design of a non-accessible express lane toll gantry on I-75 just north of Griffin Road. This gantry was designed in accordance with the Turnpikes GTR and required special coordination with Turnpike tolling staff since this gantry was the first bi-directional use tolling. Placement of tolling equipment was critical for this gantry. The gantry consisted of a tri-chord span truss structure with all the supporting tolling frame work and equipment.

PD&E Study for Widening of Florida's Turnpike Spur and the HEFT North, Broward/ Miami-Dade Counties — Structural engineer for the Kimley-Horn team that is serving as a subconsultant to another firm to provide engineering services for a PD&E study for the widening of the Florida's Turnpike Spur and the HEFT from East of NW 57th Avenue to Mainline in Broward and Miami-Dade counties. Kimley-Horn's role is to provide environmental and public involvement support, as well as to assist with roadway design, structural elements, drainage (including preparation of a Location Hydraulics Technical Memorandum and a Pond Siting Report), permitting, and lighting.

Sawgrass Widening PD&E Study, Florida's Turnpike Enterprise, Broward and Palm Beach Counties — 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.

Turnpike Mainline Widening from Lake Worth to Jupiter, PD&E Study and Design, Palm Beach County — Lead structural engineer responsible for bridge analysis reports for eight bridges, including bridges replacements and ramps over Okeechobee Blvd., SR 710, PGA Blvd., and several canal crossings.

Turnpike Mainline Widening from Sunrise to Atlantic, Florida's Turnpike Enterprise, Broward County — 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.

Turnpike Widening from HEFT to Johnson Street PD&E Study and Design, Broward County — Lead structural engineer for design of three bridge widenings, one bridge replacement, and one new bridge along with associated retaining walls and bulkhead walls.

HEFT Widening Final Design and Permitting, Okeechobee Mainline Toll Plaza to I-75, Florida's Turnpike Enterprise — Structural engineer for 10 bridge widenings on Florida's Turnpike. Services included design and plans preparation of concrete superstructure and substructure elements, maintenance of traffic concerns, and overhead sign design.

Turnpike (SR 91) All Electronic Tolling (AET) 5A Conversion from I-595 to South of the Lantana Mainline Toll Plaza — Structural engineer. Kimley-Horn was selected to provide design services for the conversion of the existing tolling scheme along the Turnpike to all electronic tolling (AET). The current system uses a combination of ramp toll plazas and mainline barrier toll plazas. FTE's goal is to incorporate a mainline gantry configuration whereby existing ramp toll plazas are removed and mainline tolling points between each interchange are constructed.

Anthony M. Bevilacqua, P.E.

Assistant Project Manager / Civil Engineering — Structures

PROFESSIONAL CREDENTIALS

Master of Engineering, Structural Engineering, University of Florida, 1999

Bachelor of Science, Civil Engineering, Florida State University, 1997

Professional Engineer in Florida, #59262, January 14, 2003

American Concrete Institute

American Institute of Steel Construction

Florida Engineering Society

American Welding Society

SPECIAL QUALIFICATIONS

More than 19 years of experience with bridge design, construction, and scour analysis

Extensive experience in the design of pre-stressed concrete bridges and steel plate girder bridges

Relevant Experience

Atlantic Boulevard Bridge Improvements and Streetscape, City of Pompano Beach
Structural engineer for design and construction phase services as a subconsultant to another firm for enhancements to the bridge façade, tender house, Jersey barriers, lighting, large tensioned sails at each end of the bridge (four total) and computerized uplighting, artwork on bridge façades, land-based lighting, and a pedestrian esplanade under the bridge connecting restaurants and buildings from the south to the north. The design-build team will be responsible for complete design, permitting and coordination with FDOT.

SR A1A North Causeway PD&E Study, FDOT District Four, Fort Pierce — Structural engineer. The SR A1A North Causeway Bridge is a movable bascule bridge that was constructed in 1963. It spans over the Atlantic Intracoastal Waterway (ICWW) connecting the barrier island to the mainland in the City of Fort Pierce. In March 2013, the bridge was inspected and deemed an "operational area of concern." The purpose of this PD&E Study is to evaluate bridge replacement alternatives to resolve the structurally deficient conditions of the existing bridge and enhance regional mobility for the adjacent area.

Lyons Road from Clint Moore Road to Atlantic Avenue, Boca Raton — Quality control for structural design. As a subconsultant to another firm, Kimley-Horn is providing structural design services for a new Lyons Road bridge over the Lake Worth Drainage District (LWDD) L-38 Canal adjacent to the existing bridge. Careful attention needs to be maintained when working adjacent to existing large underground utilities and overhead electric lines that may interfere with bridge pile driving. Kimley-Horn is coordinating closely with LWDD for the design of the new bridge and consideration of canal access.

NE 203rd Street and NE 215th Street Intersection PD&E Study, FDOT District Six — Structural engineer. Kimley-Horn is providing traffic and transportation engineering, grade separation analyses, design traffic, access management, roadway design, environmental analyses, and development of conceptual alternatives as part of our subconsultant services on this PD&E study. The study is analyzing potential improvements to the intersections of NE 203rd Street and NE 215th Street at West Dixie Highway. The objective is to eliminate vehicle conflicts with existing and future freight and passenger trains in the Florida East Coast (FEC) Rail Corridor while enhancing vehicular and pedestrian traffic flow and safety conditions in the area.

NW 25th Street Widening and Viaduct, FDOT District Six — Structural engineer. The NW 25th project consists of total reconstruction of 3 miles of road from NW 97th Avenue to NW 68th Avenue from four lanes to a six-lane, divided roadway, along with an elevated two-lane truck viaduct over NW 25th Street from NW 82nd Avenue to NW 68th Avenue into the Miami International Airport Cargo Terminal. Kimley-Horn's responsibilities for this project were the structural design and contract plans for the bulkhead walls along the northerly side of NW 25th Street to extend NW 25th Street over the North Line Canal, an at grade bridge structure over the North Line Canal from NW 82nd Avenue to SR 826, and the viaduct bridge sections over SR 826 and NW 72nd Avenue.

Okeechobee Road (SR 25) from East of NW 87 Ave to NW 79 Ave, FDOT District Six — Structural engineer for final design services for the reconstruction of a ¾-mile section of Okeechobee Road in Miami-Dade County. Services include widening the existing road to 4 lanes in each direction; widening the NW 79th Avenue Bridge over the Miami (C-6) Canal; intersection modifications at NW 95th Street and Frontage Road; relocation of an existing BJs Wholesale Club entrance and addition of a new

Anthony M. Bevilacqua, P.E.

free-flow right-turn lane; and new access from the Frontage Road to westbound Okeechobee Road. Kimley-Horn is also responsible for all permitting; structural design; drainage design; signing and marking; signalization; lighting design; ITS system design; and landscaping along the corridor.

West Atlantic Avenue at Florida's Turnpike Intersection Improvements, Delray Beach — Quality control for structural design. Kimley-Horn was retained by Palm Beach County to study improvements to Atlantic Avenue and Turnpike entrance intersections. Proposed improvements include the addition of a dedicated westbound to northbound right-turn lane on SR 806/Atlantic Avenue at the northbound entrance to Florida's Turnpike. The existing bridge will be widened to accommodate the new turn lane. For the structural component, Kimley-Horn reviewed the existing bridge conditions and bridge crossing requirements of the LWDD E-2-E Canal and impacts of existing utility crossing attachments to the bridge. Our team coordinated with LWDD, owner of the canal; FDOT District Four Structural Office; and Florida's Turnpike Enterprise. Additionally, our team provided the design of the bridge widening.

Reconstruction of Krome Avenue from South of SW 296 St to South of SW 232 St, FDOT District Six — Structural engineer for the team providing roadway, signing and marking, signalization, lighting, structures and landscape design. The project consists of widening the existing 2-lane undivided road to a 4-lane divided road with a 10' wide shared use path. This project is part of the Krome Avenue South Corridor and has several environmentally sensitive areas. This segment of Krome Avenue handles part of the main freight activity in south and west Miami-Dade County, with a daily truck percentage of 15%.

CR 361 over Clearwater Creek Bridge (No. 380040) Replacement PD&E and Design, FDOT District Two — Engineer of record for the design of a new bridge over Clearwater Creek. The new bridge utilizes a continuous cast-in-place concrete superstructure supported by closed-end steel pipe piles. Due to traffic volumes and limited detour routes, the project utilizes a temporary Acrow Panel bridge during construction.

SR 972/Coral Way from SW 37 Avenue to SW 13 Avenue Resurfacing, FDOT District Six — Structural engineer for mast arm design. The project corridor, which includes a mix of businesses and apartments, is unique in its designation as a State Historic Highway (SHH), and is famous for its canopy of mature Banyan trees. The historic nature of these signature trees and widespread flooding made this more than a typical milling and resurfacing project and required extensive coordination with FDOT and local agencies, including the City of Miami Historic Preservation Board. Kimley-Horn's other services included roadway, drainage, signing and marking, addressing ADA issues along the project corridor, design of one new signalized intersection, one new mid-block signal, and addition of new Rectangular Rapid Flashing Beacons (RRFBs) and speed feedback signs at four locations.

I-4 Ultimate Project, FDOT District Five, Orlando — Structural engineer for the Kimley-Horn team that assisted FDOT with all the tasks associated with the procurement and production for the 21 miles of reconstruction of I-4 between West of Kirkman Road and East of SR 434 in Orange County. This project entails the total reconstruction of the mainline lanes of I-4, inclusion of express lanes in the median and reconstruction of most of the interchanges within the corridor. This project also includes improvements along SR 408 (1 mile on either side of I-4, Maitland Boulevard, and other main crossing roads. Kimley-Horn assisted with the preparation of the RFP package, proposal reviews and plan submittal reviews.

I-75 Managed Lane Project (Segment C) Design-Build from South of Miramar Parkway to South of Sheridan Street, FDOT District Four, Broward County — Structural engineer for the firm's services for this design-build project as a subconsultant to another firm. Services provided include structural plans for retaining walls, toll gantries, and overhead sign structures, signing and pavement marking plans, ITS plans, and post-design and construction phase services.

I-75 Managed Lane Project (Segment D) Design-Build from South of Sheridan Street to North of Griffin Road, FDOT District Four, Broward County — Structural engineer for the firm's services as a subconsultant to another firm. Services included structural plans for Sheridan Bridge, toll gantries, and overhead sign structures, signing and pavement marking plans, ITS plans, and post-design and construction phase services.

I-75 Managed Lane Project (Segments A & B) Design-Build from NW 170th Street to South of Miramar Parkway, FDOT District Four, Fort Lauderdale — Structural engineer for the firm's services for this design-build project as a subconsultant to another firm. Responsibilities include structural plans for two steel box girder bridges, four precast/prestressed concrete beam bridges, and all retaining walls, toll gantries, and overhead sign structures. We will also provide signing and pavement marking plans, ITS plans, and post-design and construction phase services.

Jerry M. Piccolo, III, P.E.

Civil Engineering – Structures

PROFESSIONAL CREDENTIALS

Master of Engineering, Civil Engineering, University of Florida, 2012

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

Professional Engineer in Florida, #80484, January 20, 2016

SPECIAL QUALIFICATIONS

Six years of experience providing structural design support for roadway improvements in South Florida

Experience includes bridge design, mast-arm design, overhead sign structures, retaining walls, noise walls, toll gantries, and construction phase services

Relevant Experience

Atlantic Boulevard Bridge Improvements and Streetscape, City of Pompano Beach
Structural engineer for design and construction phase services as a subconsultant to another firm for enhancements to the bridge façade, tender house, Jersey barriers, lighting, large tensioned sails at each end of the bridge (four total) and computerized uplighting, artwork on bridge façades, land-based lighting, and a pedestrian esplanade under the bridge connecting restaurants and buildings from the south to the north. The design-build team will be responsible for complete design, permitting and coordination with FDOT.

Wiles Road Design from Riverside Drive to Rock Island Road, Broward County
Structural engineer for complete contract plans for the widening of Wiles Road to a 6-lane divided urban arterial from Riverside Drive to Rock Island Road. One of the major accomplishments of this segment's design was to work with all stakeholders to avoid issues related to private property impacts given the narrow corridor and proximity of private features. Another major accomplishment was an innovative drainage solution that added new outfalls through City owned property to an existing undersized drainage system to avoid reconstructing the entire Wiles Road system. We coordinated closely with the County to tackle issues related to the narrow areas of the corridor, including a balance between traffic lane, sidewalk and bike lane widths.

Lyons Road from Clint Moore Road to Atlantic Avenue, Palm Beach County
Structural engineer for a new Lyons Road bridge over the Lake Worth Drainage District (LWDD) L-38 Canal adjacent to the existing bridge. Careful attention needs to be maintained when working adjacent to existing large underground utilities and overhead electric lines that may interfere with bridge pile driving. Kimley-Horn is coordinating closely with LWDD for the design of the new bridge and consideration of canal access.

Okeechobee Road (SR 25) from East of NW 87 Ave to NW 79 Ave, FDOT District Six — Structural engineer for final design services for the reconstruction of a ¾-mile section of Okeechobee Road in Miami-Dade County. Services include widening the existing road to 4 lanes in each direction; widening the NW 79th Avenue Bridge over the Miami (C-6) Canal; intersection modifications at NW 95th Street and Frontage Road; relocation of an existing BJs Wholesale Club entrance and addition of a new free-flow right-turn lane; and new access from the Frontage Road to westbound Okeechobee Road. Kimley-Horn is also responsible for all permitting; structural design; drainage design; signing and marking; signalization; lighting design; ITS system design; and landscaping along the corridor.

SR 992/SW 152nd St. (Coral Reef Dr.) from SR 821 (HEFT) NB Ramp to SR 5/US-1, FDOT District Six — Structural engineer for the rehabilitation and retrofit of an existing 3-span, PC/PS concrete slab unit bridge crossing the C-100 Canal. The existing bridge utilized non-composite slab units placed side-by-side with an asphalt topping. Over the years, through milling and resurfacing operations, the asphalt thickness had increased 2-3 times the original maximum design thickness in several locations. Expansion joints were replaced at all supports, concrete traffic railings were reconstructed to the latest FDOT Standards, and new ADA compliant sidewalks with aluminum pedestrian railings were reconstructed along each side of the bridge.

Okeechobee Road (SR 25) from East of NW 87 Ave to NW 79 Ave, FDOT District Six — Structural engineer for final design services for the reconstruction of a ¾-mile section of Okeechobee Road in Miami-Dade County. Services include widening

Kimley»Horn

Jerry M. Piccolo, III, P.E.

the existing road to 4 lanes in each direction; widening the NW 79th Avenue Bridge over the Miami (C-6) Canal; intersection modifications at NW 95th Street and Frontage Road; relocation of an existing BJs Wholesale Club entrance and addition of a new free-flow right-turn lane; and new access from the Frontage Road to westbound Okeechobee Road. Kimley-Horn is also responsible for all permitting; structural design; drainage design; signing and marking; signalization; lighting design; ITS system design; and landscaping along the corridor.

Scour Evaluation for Bridges with Unknown Foundations, FDOT District Two — Structural engineer for the Kimley-Horn team working with as a subconsultant to another firm that is providing scour evaluations for multiple bridge locations within the District. Typical services include review of existing bridge plans, bridge inspection reports and scour reports, structural analyses of existing bridges using reverse engineering, risk screening, development of Plan of Actions (POAs), and investigation of both hydraulic and structural countermeasures.

PD&E Study for Florida's Turnpike Spur and the HEFT from NW 57th Avenue to Turnpike Mainline, Broward/Miami-Dade Counties Structural engineer for the Kimley-Horn team that is serving as a subconsultant to another firm to provide engineering services for a PD&E study for the widening of the Florida's Turnpike Spur and the HEFT from East of NW 57th Avenue to Mainline in Broward and Miami-Dade counties. Kimley-Horn's role is to provide environmental and public involvement support, as well as to assist with roadway design, structural elements, drainage (including preparation of a Location Hydraulics Technical Memorandum and a Pond Siting Report), permitting, and lighting.

SR 614 (Indrio Road) Design, FDOT District Four — Structural engineer. This project involves extensive right-of-way acquisition and design for a two-mile segment of SR 614 (Indrio Road) from I-95 to SR 607 (Emerson Avenue) in the northern portion of St. Lucie County. The preferred alternative for design as established by the previous PD&E study is a four-lane section with 12-foot travel lanes, a 22-foot median, 5-foot bike lanes, and 5-foot sidewalks. The Kimley-Horn team is using context-sensitive design features, including upgrades to culvert end treatments at major crossings and designs to incorporate aesthetic features of the rural adjoining properties. Other services include value engineering; environmental permitting with the Fort Pierce Farms Water Control District, South Florida Water Management District, and U.S. Army Corps of Engineers; control and design surveys; geotechnical investigations; an access management plan update; community awareness plan; drainage design; utility coordination and SUE; and long-range/cost estimates.

Sand Lake Road Interchange Design, Florida's Turnpike Enterprise, Orlando — Structural engineer for design of a new interchange for SR 91 (Turnpike Mainline) and SR 482 (Sand Lake Road) in Orange County. The Kimley-Horn team is providing roadway, drainage, and lighting design, traffic control, utility coordination, environmental services, and permitting services. Our team will also develop a Community Awareness Plan and lead one informational public meeting. Several alternatives are being considered for the design of the interchange.

Wiles Road Design from Riverside Drive to Rock Island Road, Broward County — Structural engineer for complete contract plans for the widening of Wiles Road to a 6-lane divided urban arterial from Riverside Drive to Rock Island Road. One of the major accomplishments of this segment's design was to work with all stakeholders to avoid issues related to private property impacts given the narrow corridor and proximity of private features. Another major accomplishment was an innovative drainage solution that added new outfalls through City owned property to an existing undersized drainage system to avoid reconstructing the entire Wiles Road system.

Apollo Beach Boulevard Extension/I-75 Flyover, Hillsborough County — Structural engineer for design of an extension of Apollo Beach Boulevard from US 41 to Paseo al Mar Boulevard that will result in a 4-lane facility including the bridge over I-75 to the eastern limits of the conservation easement or approach tie-down. Extending Apollo Beach from US 41 to US 301 will serve as an alternative east/west connection ultimately reducing traffic demands on Big Bend Road.

Osceola Parkway Extension PD&E Study, Florida's Turnpike Enterprise — Structural engineer assisting with development of a freeway facility that can be expanded in the future with provisions to accommodate a transit corridor and multiuse pedestrian facilities. The project includes a connection to provide direct access to and from SR 417, with interchanges at both ends of the connector road—one at SR 417 and the other at Osceola Parkway. Multiple alternatives are being considered at these two interchanges. The interchange at SR 417 is being developed so that it not only connects to SR 17, but it will also connect to the new Airport South Access Road currently being constructed by the Orlando/Orange County Express Authority (OOCEA), which will provide access to Orlando International Airport.

Jamea Long, P.E.

Civil Engineering – Structures

PROFESSIONAL CREDENTIALS

Bachelor of Science, Civil Engineering, University of Florida, 1997

Professional Engineer in Florida, #58677, June 20, 2002

American Society of Civil Engineers (ASCE)

SPECIAL QUALIFICATIONS

Has 22 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

Relevant Experience

Dixie Highway Flyover Design-Build – SR 811 (Dixie Highway) over FEC Railroad and Hillsboro Canal, FDOT District Four, Deerfield Beach — Senior designer structures and retaining walls and structural task manager responsible for the substructure of eight-span continuous steel box girder bridge. Responsible for quality control of a four-span Florida-I beam girder bridge over the Hillsboro Canal.

I-75 Managed Lane Project (Segments A&B) Design Build, FDOT District Four — Serves as project manager for the firm's services for this design-build project as a subconsultant to another firm. Responsibilities include structural plans for two steel box girder bridges, four precast/prestressed concrete beam bridges, and all retaining walls, toll gantries, and overhead sign structures. We will also provide signing and pavement marking plans, ITS plans, and post-design and construction phase services.

Fenton Street Overpass/Orange County Permit Project, Orange County — Structural engineer for the design and plans production of a four-lane, divided urban facility from south of International Drive to Palm Parkway. This project also included the design of a five-lane, urban section from Lake Street to Fenton Street (Street B); a bridge design for an overpass across I-4; and the reconstruction of the International Drive intersection and Palm Parkway. The overpass across I-4 was designed to set up for a future diamond interchange at Wildwood (Fenton Street) and the future, ultimate I-4 typical section. The bridge is a two-span structure with continuous steel plate girders with each span being 225 feet for a total of 450 feet. Because the bridge construction crosses FDOT right-of-way, the bridge plans were reviewed and approved by FDOT and Orange County and an Airspace Agreement was negotiated between the FDOT and Orange County. Traffic control plans were developed for the phased bridge construction while maintaining traffic on I-4.

Pedestrian Bridge over Palmetto Avenue Extension (overpass for Veronica S. Shoemaker Boulevard), Fort Myers — Served as structural engineer for the design, construction documents, and bid assistance for the Pedestrian Bridge over Palmetto Avenue Extension in Fort Myers. The firm provided services for a 120-foot-long by 14-foot-wide single span pedestrian bridge. This included evaluating up to two concepts for the bridge structure and two concepts for the retaining wall approaches. As an option to a concrete bridge our team evaluated the use of a pre-manufactured enclosed truss as a cost-effective alternative.

Bridge Cleaning, Painting and Repairs – SR 136/SR 47/SR 49/SR 20 over Suwanee River and Santa Fe Rivers, FDOT District Two — Served as structural engineer for the cleaning, painting and repair of four steel girder bridges located in three separate counties in District Two. Project includes: cleaning and painting of steel girders, bearings, and H-piles; repair of steel H-piles; replacement of existing pile jackets; shimming of existing bearings requiring bridge jacking operations with live load; joint repair and replacement; repair of existing riprap; concrete spall repair; concrete restoration by shotcrete application; and MOT operations.

Widening Florida's Turnpike from North of Glades Road to North of Atlantic Avenue, Florida's Turnpike Enterprise, Broward County — Serving as structural engineer for Kimley-Horn's design services to widening the Turnpike from six to eight lanes. Work will include stabilizing the Lake Worth Drainage District E-2W canal bank to support the project's widening needs, replacing the Yamato Bridge over the Turnpike, widening the Turnpike bridge over Clint Moore Road, replacing the bridge over the L-38 Canal, noise

barrier design, lighting design, signing and pavement markings, and utility coordination. Of special concern is the presence of Florida Gas Transmission mains along the project's right of way and the need to avoid design options that require gas main relocation.

Kings Highway (SR 713) from Okeechobee Road (SR 70) to US 1 (SR 5) PD&E Study, FDOT District Four, St. Lucie County — 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.

US 1 (Biscayne Boulevard) Over NE 203rd Street PD&E Study and Final Design, FDOT District Six, Miami-Dade County 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. This project won the Grand Award from Florida Institute of Consulting Engineers.

CR 712 (Midway Road) Design and Reconstruction, FDOT District Four, St. Lucie County — 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.

Design Services for SR 614 (Indrio Road), FDOT District Four, St. Lucie County — Serving as project engineer. This project involves extensive right-of-way acquisition and design for a two-mile segment of SR 614 (Indrio Road) from I-95 to SR 607 (Emerson Avenue) in the northern portion of St. Lucie County. The preferred alternative for design as established by the previous PD&E study is a four-lane section with 12-foot travel lanes, a 22-foot median, 5-foot bike lanes, and 5-foot sidewalks. The Kimley-Horn team is using context-sensitive design features, including upgrades to culvert end treatments at major crossings and designs to incorporate aesthetic features of the rural adjoining properties. Other services include value engineering; environmental permitting with the Fort Pierce Farms Water Control District, South Florida Water Management District, and U.S. Army Corps of Engineers; control and design surveys; geotechnical investigations; an access management plan update; community awareness plan; drainage design; utility coordination and SUE; and long-range/cost estimates.

I-595 Corridor Roadway Improvement Project (Design, Build, Operate, Maintain), FDOT District Four, Broward County Engineer of Record for I-595 Express Lane Bridge over Pine Island Drive. This bridge consisted of a three-span, continuous steel superstructure with multi-column bents.

SR 5/US 1 and SR A1A RRR Design Services, FDOT District Four, Palm Beach Gardens — Served as structural engineer for this 3R project that includes two roadway segments under one contract. The SR 5 (US 1) segment is a 7.5 mile long, four-lane divided with urban and suburban sections spanning five municipalities. The SR A1A portion is ½ mile of two-lane roadway. Because of the length of the project, an expedited survey schedule was required. The project also includes a public involvement program involving five municipalities and coordination of landscape design for all cities. The project also involves adding missing sidewalk; widening pavement to provide bike lanes along the numerous existing right-turn lanes; evaluating and designing repairs to existing drainage problems; environmental permitting; signing and pavement markings; replacing a curbed section due to widening; and analyzing numerous signalized intersections against current standards. The project also includes preparing a number of design variations and coordination with more than a dozen utility companies.

HEFT Widening PD&E Study, Final Design, and Permitting, Okeechobee Mainline Toll Plaza, Florida's Turnpike Enterprise, Miami-Dade County — 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. Kimley-Horn completed a PD&E study for a 13-mile section of Florida's Turnpike between SR 836 and I-75 (Sections 1 and 2) in Miami-Dade County. We also completed final roadway construction plans for widening of the HEFT from the Okeechobee Mainline Toll Plaza north to I-75 and evaluated the design issues involved in eight-laning this section of the HEFT. Our staff also designed modifications to the Okeechobee Road interchange to include new toll facilities and completed bridge widening plans for 10 bridges.

Tara Swann, P.E.

Roadway/Sidewalks/ADA

PROFESSIONAL CREDENTIALS

Bachelor of Science, Civil Engineering, University of Florida, 2012

Professional Engineer in Florida, #83378, June 28, 2017

SPECIAL QUALIFICATIONS

Extensive experience in design and preparation of construction plans, including roadway geometrics, signing and pavement marking plans, and lighting plans

Project management experience, including work planning, scheduling, and budgeting

Has served on Florida Department of Transportation projects since 2013

Proficient in MicroStation and GEOPAK programs

Software experience also includes AutoCAD and GIS

Relevant Experience

West Atlantic Avenue at Florida's Turnpike Intersection Improvements — Project engineer for design of a dedicated westbound to northbound right-turn lane on SR 806/ Atlantic Avenue at the northbound entrance to Florida's Turnpike. The turn lane starts east of the existing bridge over LWDD E-2-E Canal. The existing bridge was widened to accommodate the new turn lane. For the structural component, Kimley-Horn reviewed the existing bridge conditions and bridge crossing requirements of the LWDD E-2-E Canal and impacts of existing utility crossing attachments to the bridge. Our team coordinated with LWDD, owner of the canal; FDOT District Four Structural Office; and Florida's Turnpike Enterprise. Additionally, our team provided the design of the bridge widening.

Wiles Road Design from Riverside Drive to Rock Island Road, Broward County
Project engineer for complete contract plans for the widening of Wiles Road to a 6-lane divided urban arterial from Riverside Drive to Rock Island Road. One of the major accomplishments of this segment's design was to work with all stakeholders to avoid issues related to private property impacts given the narrow corridor and proximity of private features. Another major accomplishment was an innovative drainage solution that added new outfalls through City owned property to an existing undersized drainage system to avoid reconstructing the entire Wiles Road system. We coordinated closely with the County to tackle issues related to the narrow areas of the corridor, including a balance between traffic lane, sidewalk and bike lane widths. This segment had grant funding from FDOT and the improvements included roadway design, Complete Streets design, drainage, lighting, landscaping, irrigation, bicycle lanes, signalization, utility coordination, permitting coordination with the City of Coral Springs and detailed traffic control plans. The project required extensive landscape plans and coordination to resolve issues related to private landscape encroachments into County right of way. Our team provided tree mitigation permit services and coordinated with both County and City forester. We incorporated the Broward Complete Streets guidelines on this project (also prepared by Kimley-Horn), which were endorsed by the Broward MPO.

SR A1A RRR Design from East of Mercedes River Small Bridge to Sunrise Boulevard, FDOT District Four, Fort Lauderdale — Project engineer on the Kimley-Horn team selected for the milling and resurfacing of A1A from the bridge over the Mercedes River to Sunrise Boulevard. This portion of A1A is a designated Florida Scenic Highway. In addition, this particular segment is nationally and internationally renowned as the Fort Lauderdale Beach Strip. This project includes four different typical sections for SR A1A. A number of deficiencies were identified during field review, including unsafe pedestrian movements, cracked sidewalks, substandard bridge pedestrian aluminum rails, and abandoned, blocked-off driveway cuts. Our work includes drainage repair, sidewalk modifications to meet ADA criteria, traffic control plans, lighting evaluation, and local agency coordination.

Glades Road Interchange Improvements, Florida's Turnpike Enterprise, Boca Raton
Served as roadway design engineer for the addition of a turn lane and signing and marking improvements as part of the Phase 5A all electronic tolling (AET) system conversion. The improvements include final design and construction documents for Glades Road northbound off-ramp improvements and final design and construction documents for a double right-turn lane (westbound to northbound). Design services also include signing and pavement marking, signalization, and lighting improvements.

Tara Swann, P.E.

Florida's Turnpike Widening from Glades Road to Atlantic Avenue, Florida's Turnpike Enterprise, Palm Beach County — Roadway design engineer responsible for signing concepts, roadway and drainage design, typical section development, and vertical and horizontal geometry for the widening of the mainline from 6 to 10 (including express) lanes. Design services will also include stabilizing the Lake Worth Drainage District (LWDD) E-2W canal bank to support the project's widening needs, replacing the Yamato bridge over the Turnpike, widening the bridge over Clint Moore Road, replacing the bridge over L-38 Canal, designing noise barriers, roadway lighting, signing and pavement markings and utility coordination. Our team is also responsible for supporting FTE with the public information and agency meetings for Palm Beach County, City of Boca Raton, Lake Worth Drainage District, City of Delray Beach, and 18 adjacent homeowner associations and the coordination with FGT regarding their Specified Width.

Florida's Turnpike Widening from HEFT to Johnson, Florida's Turnpike Enterprise, Broward County — Served as roadway design engineer for widening the Turnpike to 10 lanes (including express lanes) and modifications to the Hollywood Boulevard interchange including a new ramp flyover and toll plaza relocation. Responsible for signing concepts, roadway and drainage design, typical section development, and vertical and horizontal geometry. An important aspect of this project was coordination of interchange modifications with future open-road tolling implementation and construction of noise walls adjacent to residential areas.

Midway Road (CR 712) Design and Reconstruction, FDOT District Four — Project engineer assisting with roadway plans. This project involves 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, landscape and 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 614 (Indrio Road) Design, FDOT District Four — Project engineer. This project involves extensive right-of-way acquisition and design for a two-mile segment of SR 614 (Indrio Road) from I-95 to SR 607 (Emerson Avenue) in the northern portion of St. Lucie County. The preferred alternative for design as established by the previous PD&E study is a four-lane section with 12-foot travel lanes, a 22-foot median, 5-foot bike lanes, and 5-foot sidewalks. The Kimley-Horn team is using context-sensitive design features, including upgrades to culvert end treatments at major crossings and designs to incorporate aesthetic features of the rural adjoining properties.

I-75 Managed Lane Project (Segment A&B) Design Build from NW 170th Street to South of Miramar Parkway, FDOT District Four — Project engineer for this design-build project from south of Miami Gardens Drive in Miami-Dade County to south of Miramar Parkway in Broward County, including the HEFT interchange, as a subconsultant to another firm. Kimley-Horn's responsibilities for this segment included signing and pavement marking plans, ITS plans development, and post-design and construction phase services. Other responsibilities included design and plans for three bridges, including one Category 1 bridge, two bridge widenings, retaining walls, and overhead sign and DMS structures.

I-4 Ultimate Project, FDOT District Five, Orlando — Project engineer on the Kimley-Horn team that is assisting the Florida Department of Transportation, as a subconsultant to another firm, with all of the aspects associated with the procurement and production for the 21miles reconstruction of I-4 between West of Kirkman Road and East of SR 434. This project entails the total reconstruction of the mainline lanes of I-4, inclusion of Express Lanes in the median and reconstruction of most of the interchanges within the corridor. This project also includes improvements along SR 408 (1 mile on either side of I-4), Maitland Blvd and other main crossing roads. Kimley-Horn has assisted with the preparation of the RFP package, proposals review and will embark on the review of the document submittals.

All Electronic Tolling (AET) 5B, Sawgrass Expressway Design-Build, Florida's Turnpike Enterprise — Project engineer. Kimley-Horn provided development of signing and pavement marking components for this AET conversion project along 20 miles of the Sawgrass Expressway from I-595 to Florida's Turnpike in Broward County. Kimley-Horn's scope also included development of an overall master signing plan, design of all ITS components, design of all sign structures, and design of all overhead spans, cantilever sign structures, and toll gantries. The project also includes ramp improvements at Sunrise Blvd., Pat Salerno Mainline Plaza, Oakland Park Blvd., Commercial Blvd., Atlantic Blvd., Sample Rd., University Dr., US 441, Lyons Rd., and Deerfield Mainline Plaza at the Turnpike interchange as well as widening of the Sawgrass Expressway and Turnpike.

Gary R. Ratay, P.E.

Civil Engineering – Drainage

PROFESSIONAL CREDENTIALS

Bachelor of Science, Mechanical Engineering, University of Florida, 1985

Professional Engineer in Florida, #46682, April 15, 1993

Florida Engineering Society

National Society of Professional Engineers (NSPE)

SPECIAL QUALIFICATIONS

Has 32 years of civil engineering experience, with particular expertise in general municipal engineering, stormwater management, project permitting, and construction phase services

Principal areas of practice include water distribution, wastewater collection, force main and associated pump station design, water treatment plant design, well pump design and site piping, and feasibility and engineering reports

Has State Revolving Fund (SRF) loan experience

Relevant Experience

North Bay Village Utility Relocations on 79th Street Causeway Eastern Bridge, North Bay Village — Project manager for utility relocations on the 79th Street Causeway Eastern Bridge. Based on a bridge rehabilitation project performed by the Florida Department of Transportation (FDOT), Kimley-Horn developed construction documents to relocate an existing 10-inch water main and an existing 8-inch force main on a 79th Street causeway. The scope of services included the development of the construction plans, technical specifications, contract documents, utility coordination, permitting, opinions of probable constructio0*n cost, bidding assistance, and construction phase services. The project required close coordination with FDOT during design and was completed successfully on a compressed schedule as to not impact the FDOT bridge rehabilitation program.

Pedestrian Bridge Design and Roadway Improvements (NW 175th Street and NW 42nd Avenue), Miami Gardens — Project manager for design of a new pedestrian bridge. The purpose of this project was to provide pedestrian access along the north side of NW 17th Street and NW 173rd Drive across a Miami-Dade County canal between NW 42nd Avenue and NW 42nd Court. The current bridge is two lanes with a raised pedestrian sidewalk along the north side. Services our team provided included structural engineering services, including bridge evaluation, rehabilitation, and design.

Royal Palm Boulevard Improvements (Royal Palm Blvd. Bridge over Margate Canal), Margate — Project manager for realignment of the roadway, eastbound and westbound left-turn lanes, access management modifications, renovation of an existing bridge and medians, construction of pedestrian bridges, base enhancements, milling and resurfacing, providing new asphalt areas, swale improvements, drainage improvements, landscaping, irrigation, and lighting improvements. The work included design of a roadway bridge and two pedestrian bridges, roadway and turn lanes, drainage, signing and pavement markings, government agency approvals, coordinating with utility providers for adjustments and/or relocations, preparing detailed quantity calculations and engineer estimates of probable costs, and providing resident project representation and incidental items.

Lyons Park Sanitary Sewer Rehabilitation, Pompano Beach — Project manager for the rehabilitation of an existing sewer system throughout a residential area called "Lyons Park" located in the City of Pompano Beach. The scope included field review of the existing site conditions, review of a prior pipe rehabilitation report completed by the City, an opinion of the probable construction costs, and preparation of construction documents for system rehabilitation. The project provided rehabilitation of sewer laterals and main line point repairs to address problems associated with groundwater infiltration. The project also included review of GIS information provided by the City and coordination with the existing utility companies.

North East Force Main Installation and Lift Station Rehabilitation, Pompano Beach
Served as project engineer to provide construction documents for the installation of new force main piping in an area located north of Atlantic Boulevard, south of NE 24th Street, east of Federal Highway, and west of the Intracoastal Waterway. The design approach was to connect lift stations that presently cascade through the gravity sewer system directly into the existing force main system and thereby eliminate repumping. Station pressures and flows were evaluated so the pump station modifications could be determined. The project provided the City of Pompano Beach with a more efficient and cost effective wastewater pumping system in the area.

Gary R. Ratay, P.E.

Royal Park Bridge PD&E Study and Bridgehead and Approach Design, FDOT District Four, Palm Beach — Project engineer for design and permitting services to replace sections of water distribution and gravity sewer systems along Flagler Drive in downtown West Palm Beach. The project was developed as a Joint Participation Agreement with the FDOT and required careful coordination with all engineering disciplines for roadway, landscaping, signalization, electrical, and private utility improvements.

Town of Bay Harbor Islands Bridge Resurfacing — Project manager for the preparation of construction documents and associated permits for resurfacing the West Relief Bridge, Intracoastal Bridge, Waterway Bridge, and the Indian Creek Bridge. The project included milling and resurfacing of the Town's four bridges, inspection and repair of the bridge decks, replacement of the bridge joints, and replacement of the pavement markings. A critical function of this project was developing and implementing a traffic plan and requiring construction to be performed at night to minimize impacts to the Town during construction. The project was successfully completed on time and under budget. The success of the job resulted in Kimley-Horn refunding unused construction phase dollars to the Town.

Town of Bay Harbor Islands Broad Causeway West Relief Bridge — Project manager for the replacement of the Broad Causeway West Relief Bridge located in the Town of Bay Harbor Islands. The project includes demolition of the existing bridge, construction of new bridge, roadway, drainage, utilities, lighting and permitting with numerous agencies such as DERM, SFWMD, US Coast Guard, US Army Corps of Engineers, and FDOT.

Town of Bay Harbor Islands Intracoastal Bridge Console Replacement, Bay Harbor Islands — Project manager for the preparation of construction documents and associated permits for the replacement of the control console for the Intracoastal Bridge. The project included demolition of the existing console and electrical gear, design and construction of a new console, addition of variable frequency drives for improved control of the drawbridge, main and emergency power service improvements, and motor control center improvements. The project also involved close coordination with Town staff to develop the proper process and instrumentation controls and sequence of operation consistent with the Town's needs. The project was successfully completed on time and under budget. The bridge console is currently operating efficiently.

Hollywood Toll Plaza SR 91 (Florida's Turnpike) Water and Sewer Extension/ Replacement, Florida's Turnpike Enterprise
Project engineer for the design, permitting, preparation of drawings, technical specifications, schedule of relocations, and bid services for the extension of a water main pipe, installation of one fire hydrant, installation of a force main to serve the relocated toll plaza on the Turnpike ramp for Hollywood Boulevard, and installation of conduits to underground overhead electric and phone services.

Boggs Field Wastewater Pumping Station, Hollywood — Project engineer for the design of a submersible wastewater pumping station, gravity sewer, and force main for a municipal park complex. The project included design and permitting services to connect an existing park facility and a new park complex to the existing force main. The station design included a new fiberglass wetwell, submersible pumping equipment, controls, electrical, associated piping, site restoration, and all other appurtenances necessary for complete submersible pumping station.

Stanley Goldman Field Wastewater Pumping Station, Hollywood — Project engineer for the design of a submersible wastewater pumping station, gravity sewer, and force main for a municipal park complex. The project included design and permitting services to connect a new park complex to the existing force main. The station design included a new fiberglass wetwell, submersible pumping equipment, controls, electrical, associated piping, site restoration, and all other appurtenances necessary for complete submersible pumping station.

Historic Miramar Complete Streets, Miramar — Senior engineer for the development of design concepts and a phasing plan for the City to implement their Complete Streets vision utilizing a Broward County Redevelopment Program grant. Opinions of probable construction cost were developed in support of the phasing plan, along with a narrative detailing the design and cost differences between the initial grant application and current anticipated construction pricing. The Complete Streets improvements, designated for the 255-acre project area, include 7 miles of sidewalk improvements with accessible ramps and crosswalks, potential biking facilities, decorative crosswalk treatments, street trees, sodded swale improvements, irrigation, and pedestrian level lighting.

24-inch Water Main Route Evaluation Report and Design, West Palm Beach — Project manager. As a result of the Florida Department of Transportation (FDOT) relocating the Flagler Memorial Bridge, the City of West Palm Beach was required to relocate an existing subaqueous 24-inch water main that conflicted with the new bridge location. To implement the most beneficial relocation route for the City, Kimley-Horn developed a water main route evaluation report. The project included evaluating four alternative water main alignments to cross the Intracoastal Waterway from the City of West Palm Beach to the Town of Palm Beach. The report discussed community impacts, constructability, permit feasibility, and a recommendation to proceed with a preferred water main route.

Stefano F. Viola, P.E.

Civil Engineering – Drainage

PROFESSIONAL CREDENTIALS

Bachelor of Science, Civil Engineering, Florida International University, 2007

Professional Engineer in Florida, #74655, June 8, 2012

American Society of Civil Engineers (ASCE)

Florida Engineering Society, Member

SPECIAL QUALIFICATIONS

More than 12 years of engineering experience, including roadway restoration/ resurfacing, drainage modeling, water/wastewater utility design, stormwater master planning, preparation of engineering drawings, permitting, and site/plan preparation and review

Prior to joining Kimley-Horn, served as Sergeant in the U.S. Marine Corps for five years

Extensive experience with AutoCAD, WaterCAD, StormCAD, and Cascade

Relevant Experience

Royal Palm Boulevard Bridge over Margate Canal, Margate — Project engineer for the realignment of the roadway, east- and westbound left turn lanes, access management modifications, renovation of an existing bridge and medians, construction of pedestrian bridges, base enhancements, milling and resurfacing, providing new asphalt areas, swale improvements, drainage improvements, landscaping, irrigation, and lighting improvements. Also provided utility coordination. The work included design of a roadway bridge and two pedestrian bridges, roadway and turn lanes, drainage, signing and pavement markings, government agency approvals, coordinating with utility providers for adjustments and or relocations, preparing detailed quantity calculations and engineers estimates of probable costs, and providing resident project representation and incidental items.

24-inch Water Main Route Evaluation Report and Design, West Palm Beach — Provided utility coordination for the relocation of an existing subaqueous 24-inch water main that conflicted with the new bridge location. To implement the most beneficial relocation route for the City, Kimley-Horn developed a water main route evaluation report. The project included evaluating four alternative water main alignments to cross the Intracoastal Waterway from the City of West Palm Beach to the Town of Palm Beach. The report discussed community impacts, constructability, permit feasibility, and a recommendation to proceed with a preferred water main route.

Peruvian Avenue Streetscape, Palm Beach — Project engineer for design, permitting, and construction phase services of this streetscape project in the Town of Palm Beach. The project was funded by private residents along Peruvian Avenue who wanted to implement their vision to renovate the right-of-way by adding landscape islands, street trees and decorative plantings, new lighting, decorative sidewalks, irrigation, and associated infrastructure improvements. The project was challenging due to substandard longitudinal and transverse roadway cross slopes that needed to be addressed while maintaining ADA accessibility and vehicle access.

Westside Blueway Trail Phase II, Miami Gardens — Project manager for planning and design services for the development of the Westside Blueway Trail inclusive of the site amenities and furnishings. The firm was also tasked with providing full construction documents and specifications as required for the bidding, construction observations, and administration of the project. Kimley-Horn's responsibilities included processing applications for construction permits and securing the necessary approvals through all applicable permitting agencies. One of which was the FDOT LAP approval.

Town Hall Square Streetscape and Infrastructure Improvements, Palm Beach — Project engineer for this historic fountain restoration and roadway beautification project within the heart of the Town's commercial corridor. Phase I of the project included the restoration of the Mizner Memorial Fountain that was originally constructed in 1929. This part of the project was partially funded by the State of Florida through a historic preservation grant. Phase II of the project includes streetscape improvements consisting of landscaped nodes, decorative pedestrian crossings, updated urban park landscaping that creates a public gathering area in the median of a roadway where the fountain feature resides, modification of various underground utilities, replacement of sidewalks with decorative tabby concrete, and the introduction of many landscaping and architectural elements throughout the area. Phase II of the project will be partially funded by the state of Florida through a historic preservation grant and through private citizen donations.

Stefano F. Viola, P.E.

Continuing Services Contract for Utilities and Infrastructure, Hollywood — Project engineer. Kimley-Horn has been serving the City of Hollywood since 2011 on a variety of utility and infrastructure projects including: South Park Road 16-inch Force Main Upgrade; Water Main Replacement Program 11-5110 – Hollywood Blvd. to Pembroke Road, I-95 to S. 26th Avenue; Water Main Replacement Program 12-5114 – Hollywood Blvd. to Pembroke Road, S. 26th Avenue to S. Dixie Highway; and 6-inch to 16-inch Water Main Replacement Program 14-5122 – Hollywood Blvd. to Moffett Street, U.S.1 to Intracoastal Waterway (Phase III). Kimley-Horn's services include design and preparation of construction documents, regulatory assistance, assistance with bid and award of the construction contract, and construction administration services.

Stormwater Master Plan, Medley — Project engineer. Kimley-Horn was retained to prepare a Stormwater Master plan for the Town, which faces a number of challenges, including a high water table relative to the existing grade (which are generally very flat; numerous pockets of contamination throughout the Town caused by industrial tenants); Florida East Coast Railway, which bisects the Town and thus often makes conveyance of stormwater to the nearby C-6 Canal (the Miami River) cost prohibitive; and the lingering threat of sea level rise and climate change. As part of the Stormwater Master Plan, Kimley-Horn is helping to prioritize 12 problem areas for the Town; plan and model projects to improve the conditions; provide pollutant loading reduction information for use in grant applications; and considering the Southeast Florida Unified Sea Level Rise Study findings, a requirement to ensure the projects provide long-term flood protection and to ensure eligibility for financial assistance from Miami-Dade County in the future.

Downtown Phase I and II, and Lake Patricia Roadway/Drainage Improvement Projects, Miami Lakes — Project manager and provided permitting and construction phase services; also involved with preparation of construction documents and specifications. Kimley-Horn was involved with the design and permitting services to implement a large roadway and drainage improvement project located in Downtown Miami Lakes. The project area consisted of Bull Run Road from NW 67th Avenue south to Ludlum Road and Miami Lakeway North from NW 67th Avenue to Miami Lakes Drive. It also included Main Street and Meadow Walk from Bull Run to Miami Lakeway North. The capital project included approximately one mile of roadway restoration/resurfacing and drainage improvements in residential/business areas, curbing and sidewalk improvements, a new outfall pipe, swale restoration, signing and pavement markings, and site restoration. The drainage improvements consisted of approximately 3,000 linear feet of exfiltration trench, approximately 2,500 linear feet of HDPE piping, approximately 40 drainage structures and one outfall structure and headwall.

Historic Miramar Complete Streets, Miramar — Project engineer for the development of design concepts and a phasing plan for the City to implement their Complete Streets vision utilizing a Broward County Redevelopment Program grant. Opinions of probable construction cost were developed in support of the phasing plan, along with a narrative detailing the design and cost differences between the initial grant application and current anticipated construction pricing. The Complete Streets improvements, designated for the 255-acre project area, include 7 miles of sidewalk improvements with accessible ramps and crosswalks, potential biking facilities, decorative crosswalk treatments, street trees, sodded swale improvements, irrigation, and pedestrian level lighting.

Roadway Resurfacing Program – Pavement Management System Update, Miramar — Project engineer. Kimley-Horn was retained by the City of Miramar to update the City's Roadway Resurfacing Program. The program consists of a network level evaluation of pavements, comprising of the development of pavement inventory, roadway network definition, pavement condition surveys of approximately 195 centerline miles of roadway pavement, development of a PAVER pavement management database, development of list of capital needs to allow budgeting for the City's roadway resurfacing program.

Continuing Engineering Services, Miramar — Project manager for Kimley-Horn's general civil engineering, traffic engineering, landscape architecture and park design consulting services to the City of Miramar on an ongoing basis. Areas of assistance include review of traffic impact analyses and parking studies specific to development applications, park design services for the Police Benevolent Association Civic Center Park Expansion, reclaimed water line design, water main design, and site civil engineering. Additional services include involvement as a member of the City of Miramar's land development staff to provide traffic and transportation input to the Planning and Zoning Board and the City Commission for traffic operation issues and proposed development site plans.

Barton Boulevard Streetscape, Rockledge — Project engineer for this $4.2-million facelift for two miles of Barton Boulevard, from US 1 on the east to Fiske Boulevard on the west. Also provided utility coordination. Kimley-Horn provided design services to improve traffic flow, add new decorative lighting and landscaping, contain a landscape median, improve pedestrian movements with new sidewalks and bike paths, upgrade drainage and stormwater management, install new mast arm traffic lights, add new infrastructure, and beautify the heart of the Redevelopment district. Kimley-Horn also worked with a number of agencies, such as the Florida Department of Transportation (FDOT), St. Johns River Water Management District, and the FEC Railway. In addition, the major intersection of US 1 and Barton Boulevard was improved as part of a multi-million dollar FDOT road widening project. The City and CRA have contributed $1.5 million dollars for project enhancements which included pedway, landscaping, lighting, and wayside stations.

Derrick Lewis, P.E.

Civil Engineering – Drainage

PROFESSIONAL CREDENTIALS

Master of Science, Transportation Engineering, Florida International University, 2005

Bachelor of Science, Civil Engineering, University of Central Florida, 1997

Professional Engineer in Florida, #62965, July 15, 2005

FDOT Drainage Technical Advisory Committee in District VI

Assistant NPDES Coordinator in FDOT District VI

American Society of Civil Engineers (ASCE)

SPECIAL QUALIFICATIONS

Has 20 years of experience in the design, analysis and preparation of construction plans, including roadway geometrics, stormwater management, permitting, stormwater pollution

Serves as project manager and engineer of record for a variety of stormwater and drainage related projects

Experience includes modeling and design of complex stormwater management systems, including exfiltration systems, injection wells, gravity wells, pump station, and pond systems.

Versed in ICPR, HEC-RAS, ASAD and Geopak Drainage, and various stormwater related software

Served on the Drainage Technical Advisory Committee during tenure with FDOT District Six

Relevant Experience

SR A1A North Causeway Bridge PD&E Study, FDOT District Four, Fort Pierce
Drainage design engineer. The SR A1A North Causeway Bridge is a movable bascule bridge that was constructed in 1963. It spans over the Atlantic Intracoastal Waterway (ICWW) connecting the barrier island to the mainland in the City of Fort Pierce. In March 2013, the bridge was inspected and deemed an "operational area of concern." The purpose of this PD&E Study is to evaluate bridge replacement alternatives to resolve the structurally deficient conditions of the existing bridge and enhance regional mobility for the adjacent area.

CR 361 over Clearwater Creek Bridge (No. 380040) Replacement PD&E and Design, FDOT District Two — Drainage design engineer. Kimley-Horn is leading the completion of the PD&E study for the CR 361 bridge over Clearwater Creek for FDOT District Two. The study includes the evaluation of the flow of Clearwater Creek in the areas as well as the future hydraulic needs. In addition, existing and future traffic is considered to determine to develop replacement options. Replacement options are developed and evaluated for impacts to the natural and social environment, as well as the feasibility for maintaining traffic and constructability.

NW 79th Avenue Bridge over the Miami (C-6) Canal, FDOT District Six — Drainage design engineer for the reconstruction of a ¾-mile section of Okeechobee Road in Miami-Dade County. Services include widening the existing road to 4 lanes in each direction; widening the NW 79th Avenue Bridge over the Miami (C-6) Canal; intersection modifications at NW 95th Street and Frontage Road; relocation of an existing BJs Wholesale Club entrance and addition of a new free-flow right-turn lane; and new access from the Frontage Road to westbound Okeechobee Road. Kimley-Horn is also responsible for all permitting; structural design; drainage design; signing and marking; signalization; lighting design; ITS system design; and landscaping along the corridor.

Sand Lake Road Interchange Design, Florida's Turnpike Enterprise, Orlando
Drainage design engineer for a new interchange for SR 91 (Turnpike Mainline) and SR 482 (Sand Lake Road) in Orange County. The Kimley-Horn team is providing roadway, drainage, and lighting design, traffic control, utility coordination, environmental services, and permitting services. Our team will also develop a Community Awareness Plan and lead one informational public meeting. Several alternatives are being considered for the design of the interchange.

SR 710/Beeline Highway Design (Project C), FDOT District Four — Project engineer responsible for assisting in drainage design. The project consists of the addition of two new lanes to provide a four-lane divided urban section along with the replacement of the existing two-lane bridge and construction of a new two-lane parallel bridge.

SR 826/Palmetto Expressway from W of SR 823/NW 57th Ave to W of SR 817/NW 27th Ave, FDOT District Six, Miami-Dade County — Drainage engineer of record. Also providing permitting. Kimley-Horn was selected by FDOT District Six to provide consulting engineering services for SR 826/Palmetto Expressway in Miami-Dade County: from East of SR 823/NW 57th Avenue to west of SR 817/NW 27th Avenue. The project scope includes roadway design, drainage design, ADA compliance, pavement design, local agency coordination, public involvement, maintenance of traffic, bridge expansion joint replacement, permitting, utilities coordination, and signing and pavement markings.

Kimley»Horn

Derrick Lewis, P.E.

SR 992/SW 152nd St. (Coral Reef Dr.) from SR 821 (HEFT) NB Ramp to SR 5/US-1, FDOT District Six — Drainage design engineer for the rehabilitation and retrofit of an existing 3-span, PC/PS concrete slab unit bridge crossing the C-100 Canal. Drainage services included drainage structure design and spread analyses for impacted existing structures. Also assisted with dredge and fill, U.S. Coast Guard, and Coastal Construction Control Line permit applications.

Florida's Turnpike Widening from Glades Road to Atlantic Avenue, Florida's Turnpike Enterprise, Palm Beach County Drainage engineer of record for Kimley-Horn's design services to widen the Turnpike from six to eight lanes. The project specific tasks included encroachment into the Lake Worth Drainage District E-2W canal to facilitate the project widening needs. Other pertinent task include bank stabilization of the E-2W canal, replacing the Yamato Bridge over the Turnpike, widening the Turnpike bridge over Clint Moore Road, replacing the bridge over the L-38 Canal, noise barrier design, lighting design, signing and pavement markings, and utility coordination. One of the primary objectives of the transportation improvements is the avoidance and relocation of the Florida Gas Transmission Gas main located within specified border width. This will require deviation from FDOT standard operating design procedures.

West Atlantic Avenue at Florida's Turnpike Intersection Improvements, Delray Beach — Project engineer. Kimley-Horn was retained by Palm Beach County to study improvements to Atlantic Avenue and Turnpike entrance intersections. Proposed improvements include the addition of a dedicated westbound to northbound right-turn lane on SR 806/Atlantic Avenue at the northbound entrance to Florida's Turnpike. The turn lane will start east of the existing bridge over LWDD E-2-E Canal. The existing bridge will be widened to accommodate the new turn lane. A second option would include a third westbound land in additional to the right-turn lanes. For the structural component, Kimley-Horn reviewed the existing bridge conditions and bridge crossing requirements of the LWDD E-2-E Canal and impacts of existing utility crossing attachments to the bridge. Our team coordinated with LWDD, owner of the canal; FDOT District Four Structural Office; and Florida's Turnpike Enterprise. Additionally, our team provided the design of the bridge widening.

Naples Central Avenue Improvements, Naples — Drainage engineer of record. Kimley-Horn provided streetscape, intersection design, drainage design, lighting design, and multimodal improvements for Central Avenue between 8th Street and Riverside Circle. Roadway improvements included milling and resurfacing, drainage upgrades to reduce flooding, utility upgrades to increase water main size and add reclaimed water service, landscaping improvements, and signalization upgrades. Responsible for conceptual drainage layouts, swale design, pre- and post-design water treatment calculations, and field reviews to verify drainage conditions. Permit coordination was required with South Florida Water Management District (SFWMD) and Collier County.

PD&E Study for Florida's Turnpike Spur and the HEFT from NW 57th Avenue to Turnpike Mainline, Broward/Miami-Dade Counties — Drainage engineer of record responsible for instituting a comprehensive stormwater management strategy for the widening of the Turnpike from an eight-lane transportation facility for Kimley-Horn's services as a subconsultant to another firm. The report included making recommendations for stormwater alternatives due to the proposed improvements. The project has sites in Miami-Dade and Southern Broward counties. This includes extensive coordination and interaction with SFWMD, Miami-Dade County RER, and a host of federal and local agencies.

I-95 Master Plan for 17 Interchanges from Linton Blvd. to Northlake Blvd., FDOT District Four — Provided drainage design services and cost-risk assessments for this project that entailed the identification of 17 interchange improvement projects (from south of Linton Boulevard to north of Northlake Boulevard) that could move into the design phase in FY 2013/14 and FY 2014/2015. To accomplish this, Kimley-Horn developed a methodology that proposed a two-tier approach to identify and prioritize those interchanges that could advance quickly and have conceptual improvement plans completed by July 1, 2013; the remaining interchange studies were completed February 2015 and documented in an Interchange Master Plan (IMP).

Okeechobee Road (SR 25) from East of NW 87 Ave to NW 79 Ave, FDOT District Six — Project engineer for final design services for the reconstruction of a ¾-mile section of Okeechobee Road in Miami-Dade County. Services include widening the existing road to 4 lanes in each direction; widening the NW 79th Avenue Bridge over the Miami (C-6) Canal; intersection modifications at NW 95th Street and Frontage Road; relocation of an existing BJs Wholesale Club entrance and addition of a new free-flow right-turn lane; and new access from the Frontage Road to westbound Okeechobee Road. Kimley-Horn is also responsible for all permitting; structural design; drainage design; signing and marking; signalization; lighting design; ITS system design; and landscaping along the corridor.

Reconstruction of Krome Avenue from South of SW 296 St to South of SW 232 St, FDOT District Six — Drainage design engineer for the Kimley-Horn team. This project is part of the Krome Avenue South Corridor and has several environmentally sensitive areas. This segment of Krome Avenue handles part of the main freight activity in south and west Miami-Dade County, with a daily truck percentage of 15%.

Fannie Howard, P.E.

Civil Engineering – Utilities

PROFESSIONAL CREDENTIALS

Master of Science, Environmental Engineering, University of South Florida, 2003

Bachelor of Science, Chemical Engineering, University of Florida, 2001

Professional Engineer in Florida, #67506, January 17, 2008

SPECIAL QUALIFICATIONS

Project engineer with 14 years of experience on utility projects throughout southeast Florida

Hydraulic modeling, forcemain assessments, water distribution, wastewater collection, and piping system modeling and analysis experience

Has provided design and construction administrative services for multiple utility installation, drainage improvements, and streetscape projects throughout Palm Beach County

Proficient with ICPR, GIS, WaterGems, WaterCAD, and Hydranautics (IMS design software programs)

Relevant Experience

Northwood Corridor Phase 1A Utility Relocations, City of West Palm Beach — Project engineer for design of utility relocations associated with railway improvements in the Northwood industrial area in West Palm Beach. As part of a FDOT project to provide greater connectivity between the CSX and FEC railroads, Kimley-Horn was selected by the City to design multiple utility relocations for water, sewer, and stormwater infrastructure to meet strict vertical clearance requirements between the rails and the tops of the pipelines. This required rerouting multiple gravity sewers to a future lift station, adjacent sanitary basins, or lowering in place and rebuilding downstream infrastructure. It also involved lowering and rerouting multiple water and stormwater pipelines to avoid the new railroad infrastructure being proposed by the FDOT. The project included jack and bore designs for an FEC railroad crossing.

Tamarind Avenue (North) Infrastructure and Streetscape Improvements, City of West Palm Beach — Project engineer for the design of approximately 2,700 linear feet of 30-inch water main and 1,400 linear feet of 20-inch water main along Tamarind Avenue for the City of West Palm Beach. Specifically involved with preparation of construction documents for utility, sanitary sewer, stormwater, and water main elements.

District 3 Neighborhood Roadway and Utility Improvements, City of Lake Worth
Project manager for water utility upgrade design and construction phase services as part of a comprehensive, multi-phase citywide pavement rehabilitation project. Our design services include water main replacement and residential water meter relocation; ADA, driveway ramp, curbing, and sidewalk upgrades; roadway paving, grading, and drainage plans; signing and pavement marking; and permitting. Kimley-Horn also helped lead an extensive public outreach and information campaign.

D-8 Basin Modeling, Town of Palm Beach — Project engineer involved with developing the stormwater model for the D-8 Drainage Basin using Interconnected Pond Routing Stormwater Modeling (ICPR). The model was used to determine what size drainage pipes were needed to limit flooding in the stormwater basin.

Sunrise Avenue (Palm Beach) Water Main Improvements, City of West Palm Beach
Project manager for design of the replacement of the existing 6-inch ductile iron water main with an 8-inch water main in the Town of Palm Beach (under the direction of the City of West Palm Beach, who maintains the water utilities for the Town). The existing water main has experienced severe mineral buildup and corrosion, which has lowered system pressures. Due to the Town's limitations on construction during tourist season, the design, permitting, and construction of the new water main must be completed before November 30, 2017. Kimley-Horn is providing data collection, design, and permitting services (through the Palm Beach County Health Department and Florida Department of Environmental Protection and underground utility locates will be performed by a subconsultant. Our team will also provide bid assistance and construction phase services.

Lift Station 2 Force Main Assessment Report, City of West Palm Beach — Served as project manager for a reliability assessment of an existing 6-inch/8-inch/12-inch force main currently owned and maintained by the City. The work included developing a Standard Operating Procedure Manual for the City to use for future in-house assessments. Our team also led a seminar for City staff to review the new manual. As part our services, our team reviewed available record drawings, existing soft dig information, and historical pressure information. The purpose of the review was to determine the approximate useable service life of LS 2.

Fannie Howard, P.E.

Bradley Place Water Main Replacement, City of West Palm Beach — Served as project manager for the design, permitting, bidding, and construction phase services for the replacement of an existing City of West Palm Beach 12-inch cast iron water main within the right of way of Bradley Place between Wells Road and Atlantic Avenue. Approximately 3,800 linear feet of pipe was replaced in this congested utility corridor.

Southern Boulevard Bridge Subaqueous Water Main Replacement and Route Study, City of West Palm Beach — Project manager involved in the design and construction of a 16-inch HDPE pipeline under the Intracoastal Waterway between the City of West Palm Beach and the Town of Palm Beach. As a result of the Southern Boulevard Bridge reconstruction project, a 16-inch water main owned by the City of West Palm Beach needed to be relocated. Kimley-Horn provided an initial route study to identify potential pipeline routes and hydraulic modeling to determine that the pipe diameter could be reduced to lower construction costs. Kimley-Horn also provided design, permitting, bidding, and construction phase services for the project. Permits were obtained from the U.S. Army Corps of Engineers, Florida Department of Environmental Protection, Palm Beach County Health Department, and FDOT.

42-inch Force Main Aerial Crossing Replacement, City of West Palm Beach — Project manager for permitting and design of replacement of the most critical aerial force main crossing in the City. The force main transmits up to 29 MGD of wastewater from the Town of Palm Beach and the City of West Palm Beach to the East Central Regional Water Reclamation Facility. The aerial crossing traverses the connector canal between Clear Lake and Lake Mangonia near the downtown area. These lakes provide the City with its potable drinking water supply and is therefore classified as a Class I surface water body by FDEP. Kimley-Horn performed a condition assessment of the pipeline support structure and then prepared plans to repair the supports so that a redundant, parallel force main could be installed on the same supports. Environmental permits were also secured through the FDEP.

Lift Station 13 Rehabilitation/LS 5 Forcemain Assessment, City of West Palm Beach — Served as project engineer. Kimley-Horn was retained by the City of West Palm Beach for the addition of a new electrical room and associated improvements at this lift station in West Palm Beach. Our team designed a new electrical room and placed the new electrical components of the building at an increased elevation to avoid future flooding problems. An evaluation of the existing pumps was also performed to determine if the station can be converted from a triplex to a duplex station once the City begins to bypass flow from Lift Station 5. Kimley-Horn's services included the design of the bypass piping, new landscaping, a new bridge crane, and an overhead door to aid in operations and maintenance, as well as the design of submersible actuators in the dry pit. As part of this project, Kimley-Horn also performed an assessment of the City's LS5 forcemain to identify areas of concern and to make recommendations for forcemain improvements.

Lift Station 2 Force Main Assessment Report, City of West Palm Beach — Served as project engineer for a reliability assessment of an existing 6-inch/8-inch/12-inch force main currently owned and maintained by the City. The work included developing a Standard Operating Procedure Manual for the City to use for future in-house assessments. Our team also led a seminar for City staff to review the new manual. As part our services, our team reviewed available record drawings, existing Soft Dig information, and historical pressure information. The purpose of the review was to determine the approximate useable service life of LS 2.

14th Avenue Water Mains, City of Lake Worth — Project manager for the Kimley-Horn team providing engineering services to the City of Lake Worth for the design of new 8-inch water mains to complete system loops and new fire hydrants. Tasks include data collection, utility coordination, permitting, development of construction documents, and construction phase services.

Martin Luther King, Jr. (MLK) Drive Reclaimed Water Main Improvements (4 inches, 6 inches, and 10 inches), City of Delray Beach — Project engineer for design of the 4-, 6-, and 10-inch reclaimed water main pipelines in conjunction with a streetscape project in Delray Beach. Hydraulic modeling was performed using WaterGEMS software to size the water main, as well as project future demands throughout the mixed commercial and residential areas along the alignment. The design of a remote actuated control valve was also included so the line could be automatically isolated in the event of an emergency at the wastewater plant that provides the effluent.

Toral Hertzberg, P.E.

Civil Engineering – Utilities

PROFESSIONAL CREDENTIALS

Bachelor of Science, Civil Engineering, Florida Atlantic University, 2013

Professional Engineer in Florida #83167, June 15, 2017

American Society of Civil Engineers (ASCE)

American Water Works Association, Florida Section – Region VI Young Professionals Chair

Florida Atlantic University Alumni Advisory Committee

SPECIAL QUALIFICATIONS

Has five years of experience

Serves as an analyst and project manager on water resources projects involving Floridan and Surficial Aquifer well testing and evaluation, design and construction, and testing, water main, sanitary sewer, stormwater and force main rehabilitation, design, and construction, reclaimed water storage and distribution, HDD design, jack and bore design throughout the state

Computer software experience includes InfoWater, WaterCAD, AutoCAD Civil3D, and Revit

Relevant Experience

Northwood Corridor Phase 1A Utility Relocations, City of West Palm Beach
Served as project analyst for the design and construction phase services of utility relocations associated with railway improvements in the Northwood industrial area in West Palm Beach. As part of a FDOT project to provide greater connectivity between the CSX and FEC railroads, Kimley-Horn was selected by the City of West Palm Beach to design multiple utility relocations for water, sewer, and stormwater infrastructure to meet strict vertical clearance requirements between the rails and the tops of the pipelines. This required rerouting multiple gravity sewers to future lift stations, adjacent sanitary basins, or lowering in place and rebuilding downstream infrastructure. It also involved lowering and rerouting multiple water and stormwater pipelines to avoid the new railroad infrastructure being proposed by the FDOT. The project included multiple jack and bore designs for casings ranging in size from 16 to 30 inches.

Southern Boulevard Bridge Subaqueous Water Main Replacement and Route Study, City of West Palm Beach — Project analyst for design of a 16-inch HDPE pipeline under the Intracoastal Waterway between the City of West Palm Beach and the Town of Palm Beach. As a result of the Southern Boulevard Bridge reconstruction project, a 16-inch water main owned by the City of West Palm Beach needed to be relocated. Kimley-Horn provided an initial route study to identify potential pipeline routes and hydraulic modeling to determine that the pipe diameter could be reduced to lower construction costs. Kimley-Horn is now providing construction phase services for the project. Permits were obtained from the U.S. Army Corps of Engineers, Florida Department of Environmental Protection, and Florida Department of Transportation.

North Jupiter Water Main and Drainage Improvements, Town of Jupiter — Served as project analyst for the design, permit, and construction of new water distribution mains, installation of water main isolation valves, installation of new fire hydrants, repair of storm piping, and installation of replacement water services to 184 existing homes. This project addressed localized fire protection, aging infrastructure, backyard asbestos cement mains, inoperative valves, additional isolation valves, and hydrants east and west of Seabrook Road. This project helped improve the level of service and reduce the frequency of line breaks and interruptions in service, and improved and enhanced fire protection in the community. During construction of the water main improvements, deficient storm drainage facilities were also repaired or replaced to avoid costly future repairs or possible flooding.

Lift Station 2 Force Main Assessment Report, City of West Palm Beach — Served as project analyst for a reliability assessment of an existing 6-inch/8-inch/12-inch force main currently owned and maintained by the City. The work included developing a Standard Operating Procedure Manual for the City to use for future in-house assessments. Our team also led a seminar for City staff to review the new manual. As part our services, our team reviewed available record drawings, existing Soft Dig information, and historical pressure information. The purpose of the review was to determine the approximate useable service life of LS 2.

Island Road Water Main Replacement, City of West Palm Beach — Project analyst for design of a replacement for the 12-inch water main which is attached beneath the Island Road Bridge. The original water main, along with its pipe hangars, had been negatively affected by salt spray from ocean water. Kimley-Horn previously provided the City with construction documents including a segment of the water main which has since been reconstructed due to emergency services needed to repair a leak.

Toral Hertzberg, P.E.

Kimley-Horn prepared an updated set of construction plans for the unaffected portion along Island Drive and Tarpon Way to complete the water main replacement. Our services for this project also included permitting, bid phase assistance, and construction phase services.

Town Hall Square Streetscape and Infrastructure Improvements, Town of Palm Beach — Project analyst. Kimley-Horn was retained by the Town of Palm Beach for this historic fountain restoration and roadway beautification project within the heart of the Town's commercial corridor. Phase I of the project included the restoration of the Mizner Memorial Fountain that was originally constructed in 1929. This part of the project was partially funded by the State of Florida through a historic preservation grant. Phase II of the project included streetscape improvements consisting of landscaped nodes, decorative pedestrian crossings, updated urban park landscaping that creates a public gathering area in the median of a roadway where the fountain feature resides, modification of various underground utilities, replacement of sidewalks with decorative tabby concrete, and the introduction of many landscaping and architectural elements throughout the area. Phase II of the project was partially funded by the state of Florida through a historic preservation grant and through private citizen donations. *Winner of a 2017 Historic Restoration/Preservation Award from the Florida Chapter of the American Public Works Association.*

D-4 and D-10 Stormwater Pump Station (SWPS) Construction, Town of Palm Beach — Project analyst. The Town of Palm Beach selected Kimley-Horn to design improvements to both the D-4 and D-10 Stormwater Pump Stations (SWPS). Kimley-Horn performed design, permitting, and construction phase services for the two projects. The Town of Palm Beach utilized the construction management at risk project delivery method where both stations were constructed simultaneously.

Fern Street Streetscape, City of West Palm Beach — Project analyst. Kimley-Horn is currently developing plans for streetscape improvements for Fern Street in West Palm Beach. This streetscape features new landscaping, roadway re-striping, the addition of bike lanes, bioswales that will take in stormwater from the existing gutter to support planting, and pedestrian level lighting.

Water Treatment Master Plan, City of Delray Beach — Project analyst. Kimley-Horn was engaged by the City of Delray Beach to develop a 50-year water treatment master plan. We developed a linear population projection model using assembled data to meet the needs of the plan update and identify projects for the City and its service area during this growth period. Kimley-Horn prepared the water treatment master plan to recommend facilities, treatment process, treatment capacities, facility locations, planning level budget estimates, and construction timing.

Shared 30-inch Force Main Assessment, City of West Palm Beach — Served as project analyst. The City of West Palm Beach asked Kimley-Horn to evaluate the condition of an existing 30-inch ductile iron force main before they assumed the maintenance responsibility of this pipeline from a neighboring municipality. We performed a limited assessment which involved review of record drawings, historic maintenance records, historic repair and failure data, as well as physical inspection of the pipe. We entered several air release manholes and performed ultrasonic measurements of the pipe to determine wall thickness at these critical high points. We also tapped the pipe to review the interior condition and calibrate our ultrasonic meter.

Martin Downs Reclaimed Water (IQ) Storage and Distribution Improvements Design and Construction Phase Services, Martin County — Served as project analyst. Martin County Utilities (MCU) is planning to convert the two existing 1.0 million gallon (MG) storage tanks at the Martin Downs Water Treatment plant site (MDWTP) previously used for potable water storage, and for the distribution of reclaimed water to the existing legal end users within the Martin Downs service area Crane Creek golf course, Tower golf course, and the Copperleaf development. In addition to providing system storage, the distribution of reuse water to the Crane Creek golf course (currently being redeveloped) must be modified to prevent the potential discharge of reuse water to Waters of the State. Pond D, located on Martin County Utilities' property north of MDWTP, will be modified to serve as a storage facility for reclaimed water before its use as irrigation to the Crane Creek golf course.

Lisa Stone, P.E.

Community Outreach

PROFESSIONAL CREDENTIALS

Bachelor of Science, Civil Engineering, University of Florida, 1996

Professional Engineer in Florida, #56806, February 1, 2001

Florida Engineering Society

National Society of Professional Engineers

SPECIAL QUALIFICATIONS

Has 22 years of experience, including public involvement, utility coordination, transportation, roadway design, plans preparation, roadway design and PD&E experience in Florida

Relevant Experience

Crosstown Parkway Bridge Extension PD&E Study from Manth Lane to US 1, Port St. Lucie — Public involvement lead for Kimley-Horn's efforts to assist with the processing of an environmental impact statement (EIS) for the Florida Department of Transportation and Federal Highway Administration. Kimley-Horn helped the City establish a work plan, monitor the project schedule for the EIS, provide independent document peer reviews, attend project progress meetings, and provide overall project oversight and participated at the request of the city on the value engineering team.

PD&E Study for SR 5/US 1/Federal Highway Bridge Replacement from CR A1A to Beach Road, FDOT District Four — Public involvement lead for a PD&E study for the Jupiter Bridge (No. 930005) on US 1/ Federal Highway between CR A1A and Beach Road in Palm Beach County. Our team is evaluating the following alternatives: 1) Bridge rehabilitation; 2) Bridge replacement, high level, mid-level, low level, includes various alignment alternatives; 3) No-build. The various alignment and build alternatives will include consideration for a temporary bridge, full bridge closure, or phased construction with traffic on existing bridge. Each alternative above will evaluate bringing the bridge up to FDOT standards including options to accommodate pedestrian and bicyclists.

PD&E Study for Flagler Memorial Bridge, FDOT District Four — Conducted public involvement activities for this PD&E study to determine how best to replace or repair the bridge. Assisted with production of the Preliminary Engineering Report. This study analyzed various engineering concerns including bridge type (fixed versus bascule), the possible construction of a temporary bridge, the placement of bridge touch downs, connections to Flagler Drive and Royal Poinciana Plaza, bridge alignment, and construction phasing. Environmental issues were defined and analyzed; these included permit coordination with the regulatory agencies, impacts upon the natural environment (wetlands, seagrass, endangered and threatened species, water quality), contamination, and historic and cultural resources that may be affected by bridge construction.

Royal Park Bridge Bridgehead Design, FDOT District Four — Kimley-Horn provided bridge design, transportation planning, PD&E services, public involvement, urban design, and landscape architecture for the new $50-million Royal Park Bridge connecting the Town of Palm Beach with the City of West Palm Beach. Served as project engineer for improvements to SR 704 from Dixie Highway to Cocoanut Row. The project included milling and resurfacing of Okeechobee Road, Lakeview Avenue, and Flagler Drive, as well as reconstruction of Royal Palm Way and replacement of the existing bascule bridge.

Turnpike Mainline Widening from Lake Worth to Jupiter, PD&E Study and Design, Florida's Turnpike Enterprise, Palm Beach County — Assistant project manager and Public Involvement task leader for design, including engineering elements of the 23-mile-long PD&E study. Kimley-Horn prepared all engineering and environmental reports necessary to evaluate impacts for the proposed widening. This project included a Public Information Meeting and a Public Hearing. Kimley-Horn also developed alternative improvement options to add express toll lanes to Lake Worth Road, Okeechobee Boulevard, PGA Boulevard and Indiantown Road interchanges

PD&E Study for Florida's Turnpike Spur and the HEFT from NW 57th Avenue to Turnpike Mainline, Broward/Miami-Dade Counties — Project manager and public involvement leader. Provided engineering services for a PD&E study for the widening of the Florida's Turnpike Spur and the HEFT from East of NW 57th Avenue to Mainline in Broward and Miami-Dade counties. Kimley-Horn's role is to provide environmental

and public involvement support, as well as to assist with roadway design, structural elements, drainage (including preparation of a Location Hydraulics Technical Memorandum and a Pond Siting Report), permitting, and lighting.

SR 5/US 1 and SR A1A RRR Design Services, Palm Beach Gardens, FDOT District Four — Project engineer for this 3R project that includes two roadway segments under one contract. The SR 5 (US 1) segment is a 7.5-mile-long, four-lane divided with urban and suburban sections spanning five municipalities. The SR A1A portion is ½ mile of two-lane roadway. Because of the length of the project, an expedited survey schedule was required. The project also includes a public involvement program involving five municipalities and coordination of landscape design for all cities. The project also involves adding missing sidewalk; widening pavement to provide bike lanes along the numerous existing right-turn lanes; evaluating and designing repairs to existing drainage problems; environmental permitting; signing and pavement markings; replacing a curbed section due to widening; and analyzing numerous signalized intersections against current standards. The project also includes preparing a number of design variations and coordination with more than a dozen utility companies.

Widening Florida's Turnpike PD&E Study from the Sawgrass Expressway to Atlantic Avenue, Florida's Turnpike Enterprise
Assistant project manager and Public Involvement task leader for the PD&E study evaluating impacts of widening Florida's Turnpike to eight lanes within the study area by adding two additional lanes. The study also considered possible interchange alternatives to provide relief to Glades Road. A Public Information Meeting and a Public Hearing were held for this study.

Kings Highway (SR 713) from Okeechobee Road (SR 70) to US 1 (SR 5) PD&E Study, St. Lucie County, FDOT District Four
Assistant project manager and public involvement leader on the Kimley-Horn team that performed a PD&E study to widen an existing two-lane roadway to a four-lane divided roadway. Assisted with production of the Preliminary Engineering Report. This project is 10 miles in length and includes all environmental and engineering reports necessary to evaluate alternative corridors and alternative alignments within the selected corridor. This project has the potential to be controversial and will include public information meetings and public workshops with local residents and elected officials. This project also includes the preparation of a detailed concept plan, right-of-way maps, and a pond siting report to determine additional right-of-way needs.

PD&E Study for SR 5/US 1/Federal Highway from CR A1A to Beach Road, FDOT District Four — Deputy project manager and public involvement lead. Kimley-Horn was retained by FDOT District Four to conduct a PD&E study for the Jupiter Bridge, No. 930005, Of State Road 5/US-1 Federal Highway from CR-A1A to Beach Road, Palm Beach County, Florida. Our team is evaluating the following alternatives: 1) Bridge rehabilitation; 2) Bridge replacement, high level, mid-level, low level, includes various alignment alternatives. The various alignment alternatives will include consideration for temporary bridge, full bridge closure and phase construction with traffic on existing bridge. Each alternative above will evaluate bringing the bridge up to FDOT standards that includes options to accommodate pedestrian and bicyclists; or No Build.

SR 298 (Lillian Highway) Design from East of Fairfield Drive to New Warrington Road, FDOT District Three — Project engineer. Kimley-Horn provided engineering services for the resurfacing, rehabilitation, and restoration (3R) of SR 298 (Lillian Highway) from east of Fairfield Drive (SR 727) to New Warrington Road (SR 295) in Escambia County and SR 77 from SR 273 (Glenwood Avenue) to the Jackson/Washington County line. The project included a Level II community awareness program with a public involvement presentation to the community and elected officials. Design elements included resurfacing the existing pavement to extend pavement surface life, replacement of broken or damaged drainage structures, processing design exceptions and variances for existing clear zone violations to remain, updating the roadway corridor to meet ADA requirements, and updating school zone signing and pavement markings to meet current standards for the three schools within the project limits. Construction plans and specifications were prepared to meet FDOT criteria for electronic plans delivery.

Archer Road (SR 24)/SW 16th Avenue (SR 226) PD&E Study, Construction Plans, and Permits, Gainesville — Assistant project manager and Public Involvement task leader for project that involved redesignation of SR 24 from Archer Road to SW 16th Avenue and altering Archer Road to a University of Florida campus road. The study included all environmental and engineering reports necessary to evaluate alternatives to this heavy pedestrian-bicycle-used corridor. This project included strong coordination and public involvement with University of Florida, FDOT District Two, and the City of Gainesville.

SR 823/Flamingo Road Milling/Resurfacing (3R), FDOT District Four — Project engineer. This project included resurfacing, restoring, and rehabilitating 3.9 miles of SR 823 (Flamingo Road) from south of Johnson Street to north of Griffin Road. The major objectives of the project included milling and resurfacing the existing roadway pavement, improving design deficiencies, and enhancing safety and traffic operations through the corridor. Other incidental work included the addition of bike lanes, upgrading deficient sidewalk ramps, and pavement markings.

Chris Demeter, PSM

Surveying/Subsurface Utility Engineering

PROFESSIONAL CREDENTIALS

Bachelor of Arts, History/Political Science, Hiram College, 1986

Professional Surveyor and Mapper in Florida, #5179, January 1, 1993

Florida Surveying and Mapping Society

SPECIAL QUALIFICATIONS

Has 33 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

Has successfully interacted with governmental regulatory agencies in the performance of jurisdictional mean high-water line, submerged land lease, coastal construction control line, and state land acquisition surveys

Has supervised large-scale construction layout surveys, horizontal control surveys, hydrographic surveys, and right-of-way route surveys

Relevant Experience

McCarty Road Bridge Rehabilitation, St. Lucie County — Surveyor on the Kimley-Horn team that prepared the right-of-way and topographic survey used for the evaluation of the structural integrity of the existing McCarty Road Bridge over Ten Mile Creek for St. Lucie County. The existing structure was identified through the FDOT bridge inspection program to contain several structural deficiencies. Kimley-Horn evaluated varying degrees of structural rehabilitation options so the bridge would be able to be opened to vehicular traffic. Kimley-Horn also worked with the County to determine the optimal rehabilitation option and prepared construction documents and permit application to support the selected measures.

SW 49th Avenue/SW 40th Avenue, Phases 2 and 3, Marion County — Surveyor. Kimley-Horn was retained to provide full design and permitting services for SW 49th Avenue/SW 40th Avenue, Phases 2 and 3. Kimley-Horn provided full surveying services, environmental field work, full roadway design, permitting services, and bid administration. The project is a four-lane divided highway with two signalized intersections just west of I-75 that will provide an important north-south collector roadway in this part of Marion County.

St. Lucie County Gordy Road Bridge — Surveyor. While under an on-call services contract for the County, Kimley-Horn performed an on-site visual inspection on bridge members that were above the water line along with design and contract documents for the rehabilitation of this single--lane timber bridge. The rehabilitation was to improve safety for the pedestrians along with vehicle traffic. Existing timber decking that was determined to be deficient was replaced and new timber running boards were added over the decking. New timber curbs along with adding new timber with steel backing reinforcement were added to the bridge.

Engineering Design Services for C-475 Small County Outreach Program (SCOP) Project, Sumter County — Project surveyor. This project involves widening and other improvements for existing C-475 limits beginning approximately 600 feet north of Walker Avenue in Bushnell and ending at the current ramp improvement project at C-470. Improvements include: milling and resurfacing of the existing asphalt surface course along the length of the project; design and permitting of a potable water main extension; surveying and mapping services; geotechnical explorations; environmental assessments and permitting; roadway design and construction plans; hydrologic, hydraulic, and structural components of the proposed Jumper Creek bridge crossing; permitting; and bid documents and assistance.

CR 525E Extension Design and Permitting, Sumter County — Surveyor. This project involves design and permitting associated with a new approximately one-mile roadway extension to support regional transportation connectivity and economic growth. Design plans and permits were obtained for the first two lanes of a future four-lane road section. Services included surveying and mapping, geotechnical explorations, environmental assessments and permitting, roadway design and construction plans, permitting, and bid documents and assistance. The project was designed as two lanes of the ultimate four-lane buildout configuration identified to be needed to support future traffic growth associated with a new interchange connection at CR 514 at I-75. Kimley-Horn will also be providing engineer of record services during construction. At the completion of Phase 1, Kimley-Horn was retained to prepare design plans and permits for Phase 2 of the project, which will extend the roadway to US 301 and includes permitting with CSX for a new railroad crossing.

Chris Demeter, PSM

Airport Drive Access Road Improvements, Vero Beach — Surveyor for the widening of Airport Drive between Atlantic Boulevard and Cherokee Drive. The scope of this work entails widening Airport Drive to included bicycle lanes, the design of pedestrian facilities, roadway design, landscaping enhancements, and coordination with local property owners to include the Vero Beach Municipal Airport and Indian River Farms Water Control District.

Florida City Gas Engineering and Permitting Services for Sebastian Gas Distribution — Surveyor. Florida City Gas retained Kimley-Horn to design and permit 59,000 linear feet of gas pipeline through city, county, and state right-of-way. The design primarily involved horizontal direction drills as well as some open cut trenching to complete services. The project team successfully addressed many challenges, including both river and railroad crossings. The permit process required approvals from the city, county, and state.

NASA - Kennedy Space Center Miscellaneous Surveying Projects, Cape Canaveral — Surveyor for the Kimley-Horn team that is serving as a subconsultant to another firm and providing surveying services for various projects at the Kennedy Space Center.

West River Master Plan, Tampa — Surveyor. The master plan for revitalizing West River in Tampa provides a new model for urban living on Tampa's riverfront. The West River neighborhood includes approximately 150 acres of land along the western banks of the Hillsborough River. Focused on over 1.3 miles of riverfront land west of downtown, the design defines new connections with the river and river life, weaving these rich experiences back into the adjoining neighborhoods and the city. By developing a network of open spaces, parks, trails, infrastructure, and a mix of uses, the project connects and anchors this unique riverfront area and guides a longer-term transformation for the community and the city.

Paradise Park Roadway and Drainage Improvements, Phase 6, Fort Pierce — Surveyor. The Paradise Park subdivision was platted in the late 1960s and is comprised of single-family residential lots located on unpaved 50-foot-wide public right of ways. At the time of platting, there were no provisions for drainage and/or stormwater improvements within the community. Kimley-Horn was selected to design and permit a project to improve the conveyance of stormwater runoff along subdivision roadside swales and provide stormwater management facilities to provide water quality treatment prior to discharge to the adjacent canal systems.

Downtown Dunnellon Utility Replacements, Dunnellon — Project surveyor. Due to age and condition concerns, the City plans to replace/relocate existing water mains, meter services, and sanitary sewer laterals in portions of the historic downtown area of the City, Portions of the existing utility system may be upsized to improve hydraulic performance. The City intends to fund a portion of the project with a Community Development Block Grant (CDBG) and potentially with low interest loans through the FDEP State Revolving Fund (SRF) program. To accommodate funding application submittal deadlines, Kimley-Horn will work with City staff and the City's CDBG administrator to identify the areas that are identified for inclusion with the CDBG application.

Fort Pierce Heathcote Gardens, Fort Pierce — Surveyor. Under the City's continuing engineering services contract, Kimley-Horn prepared construction plans and specifications for the Heathcote Botanical Garden Improvements. The project was a combination of creating a regional stormwater facility treatment train facility to improve water quality discharges into the Indian River Lagoon and creating a recreational facility for City residents. The stormwater improvements consisted of designing six different stormwater Best Management Practices (BMPs) consisting of vegetative bioswales, Sand Mine Lake expansion, alum-injection plant, floating littoral mats, pervious paver parking area, and multi-stage dynamic control structure.

Project Sugar Biofuel Facility, Osceola County — Surveyor responsible for the preparation of a topographic and right-of-survey for this project. Kimley-Horn provided engineering and environmental services for a proposed energy facility planned on more than 20,000 acres of land near Yeehaw Junction in southeast Osceola County. The renewable energy facility will be a combined ethanol/electric power plant that will convert sugar juice from sweet sorghum into ethanol. The remaining waste will be used as fuel for a steam boiler that will produce up to 50 megawatts (MW) of electricity. Once completed, the facility is expected to serve the energy needs of approximately 24,000 homes. Kimley-Horn's services included preparation of a conceptual site plan, on-site plans, and farming design/plans. Other services included wetland delineation, protected species field surveys (caracara, bald eagle, grasshopper sparrow, sandhill crane, southeast American kestrel, and snail kite), and protected species reports.

Jonathan D. Haigh, PLA, ASLA

Landscape Architecture

PROFESSIONAL CREDENTIALS

Bachelor of Landscape Architecture, University of Arkansas, 1995

Professional Landscape Architect in Florida, #6666795

American Society of Landscape Architects (ASLA), Past President

Florida Recreation and Parks Association

SPECIAL QUALIFICATIONS

Has 23 years of experience as a professional landscape architect

Skilled designer with bridge, greenway, and park-related landscape design experience throughout Florida

Directs the preparation of landscaping construction drawings, detailing, and specifications

Proficient in applying sustainable principles in project design and incorporating the design of Florida-friendly landscapes and water-efficient irrigation systems

Relevant Experience

Dixie Highway Flyover, FDOT District Four, Deerfield Beach — Lead landscape architect for landscape, hardscape and irrigation improvements for a new roadway and flyover bridge connecting Dixie Highway from north of Hillsboro Road along west side of the FEC Railroad, over the FEC Railroad and Hillsboro Canal, and connecting into existing Dixie Highway north of Hillsboro Canal east of the FEC Railroad tracks.

30% Design-Build Documents and Bid Package for Pompano Beach Tri-Rail Station and East Lot Park-n-Ride Improvements, Pompano Beach — Landscape architect on the Kimley-Horn team that assembled a design-build criteria package for the renovation of an existing Tri-Rail station. Services included the preparation of technical specifications, general and special terms and conditions, cost estimating, 30 percent plans, coordination with architect and team, civil engineering design, initial permitting, and utility coordination letters.

OB Johnson Park, Hallandale Beach — Landscape architect for this 6.4-acre park. The park included a 42,000 SF multigenerational facility that included a teen center, indoor basketball courts, after school and senior programming, exercise room, administrative offices, and other accessory uses for computer and dance classes, food distribution, and other programming for all ages. The exterior park amenities included a walking trail, playground, tennis courts, a field house, and a football/soccer field. Additionally, the park improvements included a centrally located surface parking lot, site infrastructure and landscaping.

Martin Luther King, Jr. (MLK) Drive Beautification, Phases 1 & 2, Delray Beach CRA, Delray Beach — Project manager on the Kimley-Horn team. Provided landscape architectural master planning services for the design of landscape, lighting, and hardscape enhancements for the entire length of Martin Luther King, Jr. (MLK) Drive in Delray Beach. This 1.5-mile corridor will also incorporate MLK commemorative design elements placed in the right-of-way. The design concept included the continuation of an existing sidewalk network; decorative lighting; right-of-way plantings with flowering trees, palms, and other landscaping; a program for live oaks to be planted outside of the right of way; and artwork on existing utility poles. The master plan will also address prioritization and phasing of the proposed improvements with respect to budget. Similar to other community enhancement master plans, public involvement is a key element in the success of this project. The Kimley-Horn team coordinated closely with a committee of community representatives to identify community assets and to solicit their ideas and preferences for incorporation into the master plan.

Westside Blueway Trail Phase II, Miami Gardens — Landscape architect on the Kimley-Horn team performed all the necessary planning and design services associated with the development of the Westside Blueway Trail, inclusive of the site amenities and furnishings. The firm provided full construction documents and specifications as required for the bidding, construction observations, and administration of the project.

Civic Center Park Expansion, Miramar — Landscape architect for Civic Center Park previously known as the Police Benevolent Association Park a 1 acre parcel that was given to the City as part of a Broward County Land Stewardship Program “Park for People” grant to redevelop the site while implementing “green construction” as a neighborhood park. The site is located adjacent to the City Aquatic Park West in Miramar, Florida. As part of the grant program it required that the redesign include green components such as recyclable material, environmentally beneficial landscape

practices utilizing native plants, environmentally sound and water saving fixtures, irrigation technologies and interpretation/public education signage. The park improvements included a walking path with exercise stations, a pavilion, playground with tables, landscaping, irrigation, solar powered bollard lighting, a lighted parking lot and surface parking improvements.

Clematis Streetscape Improvements, West Palm Beach — Project manager and lead landscape architect. Kimley-Horn is providing landscape architecture and civil engineering services as part of the team designing improvements to the 300 block of Clematis Street in downtown West Palm Beach. The design features a paver-covered, curbless street with narrowed travel lanes, premium paver sidewalks, permeable paver parking spaces, custom-designed seating areas, and a landscape featuring large Live Oaks to provide significant shade for pedestrians. The design features the City's first implementation of suspended pavement systems, which, in combination with structural soil, will provide a significant root zone space for the Live Oaks to thrive. Kimley-Horn provided engineering services for the relocation of a water line as well as providing an improved drainage solution, unique to the curbless street.

Vizcaya Park, Miramar — Landscape architect. This 20-acre park in Miramar provides several active recreational opportunities, including a soccer/multiuse field, two full-size basketball courts, and a 7,600-square-foot community center. The park's passive features include open picnic areas, a playground, and a jogging/fitness trail along the perimeter of the project site. Kimley-Horn provided master planning; landscape architecture; design, engineering, and permitting services; and construction observation and administration. This project serves as the City's first Leadership in Energy and Environmental Design (LEED) building, which obtained Gold Certification. The City also plans to construct a 10,000-square-foot civic center, press box, concession stand, and storage area at the site during later phases.

Delray Beach Robert P. Miller Park, Delray Beach — Landscape architect for the Kimley-Horn team that provided detailed site planning, design, and construction phase services for this $7-million upgrade to the existing baseball facility. This project featured a native plant palette and an easy-to-maintain landscape design.

Harbour Lake Park, Miramar — Project manager and landscape architect for this neighborhood park project in Miramar. Provided master planning services for the design of landscape, lighting, and hardscape enhancements for a small passive park with a 1/5-mile lighted walking path, outdoor exercise 'gym', signage, and small parking lot. The Kimley-Horn team coordinated closely with City of Miramar staff to solicit their ideas and preferences for incorporation into the park design.

Marion County Parks and Recreation Master Plan — Serves as landscape architect. Since the most recent update to the County's Parks and Recreation Master Plan was based on the population projections and economic conditions prior to the economic recession, the Parks and Recreation Department requested an update. The new master plan will include a significant public input component, strategies to address the growing need for parks and recreation services, and identify economic opportunities within the parks systems. In addition to master plan documentation, other tasks include data collection and initial coordination, GIS analyses, stakeholder and public outreach, demand analysis and evaluation, recommendations and implementation, marketing strategy development, and. Board of County Commission meetings.

Parks Master Plan, Cutler Bay — Served as project manager. Kimley-Horn provided master planning services for the Town of Cutler Bay to assess the condition and provide improvement recommendations for eight Town parks. The team held public meetings with citizens, Town staff, and public officials for input. The master plan included a physical inventory and site assessment of the existing parks and park system and made proposed recommendations.

Jupiter Community Park Master Plan, Jupiter — Landscape architect. Kimley-Horn was retained by the Town of Jupiter to conduct a master plan of Jupiter Community Park in association with their Community Investment Program. Our services include data collection, meetings with Town staff and other stakeholders, and developing a master plan document.

Welleby Park Expansion, Sunrise — Project manager for the redevelopment of Welleby Park. The City of Sunrise retained Kimley-Horn for improvements to Welleby Park located at NW 44th Street and Hiatus Road within the City of Sunrise. Kimley-Horn will provide conceptual design for two options for the park redevelopment to be presented at a public presentation meeting. Our team will refine the concept design and prepare design plans, including paving and drainage plans, utility plans, and signing and marking plans.

Tricia Richter, PLA

Landscape Architecture

PROFESSIONAL CREDENTIALS

Bachelor of Landscape Architecture, Landscape Architecture, University of Florida, 2011

Prof Landscape Architect, FL, LA6667244, 10/11/2017

Professional Landscape Architect in Florida, #LA6667244, November 16, 2015

American Society of Landscape Architects (ASLA), Full Member

SPECIAL QUALIFICATIONS

Six years of experience with landscape design, construction document preparation, and in preparing presentation graphics

Has developed landscape architectural plans at over 65 cell tower sites in Florida

Relevant Experience

Clematis Streetscape Improvements, West Palm Beach — Landscape architect. Kimley-Horn is providing landscape architecture and civil engineering services as part of the team designing improvements to the 300 block of Clematis Street in downtown West Palm Beach. In partnership with the City, the team conducted public outreach to residents and visitors. After several public input meetings with Clematis Street merchants, other area merchants, stakeholders, residents and visitors, the City Commission voted to implement recommendations from the award-winning design team.

West Clematis Streetscape, West Palm Beach — Landscape architect. Kimley-Horn provided streetscaping services for this LAP project. It included the addition of a landscaped median, shade trees in tree grates, new sidewalks, and site furnishings for West Clematis Street. The addition of a median to this one-block section between Tamarind Avenue and Sapodilla Avenue acts as a traffic calming measure while also providing room for additional shade trees and providing pedestrians with a comfortable walk to and from the adjacent Tri-Rail station.

City of West Palm Beach, 15th Street Streetscape, West Palm Beach — Landscape architect. This streetscape features a full complement of Complete Street elements, such as dedicated bike lanes, on street parking, improved accessibility, street furnishings, and new landscaping. The bike lanes are emphasized with a green performance asphalt coating. The street also features new bulb-out islands to help better define and organize parking as well as act as percolating bioswales that will take in stormwater from the existing gutter.

Tamarind Avenue Streetscape, West Palm Beach — Landscape architect. Kimley-Horn worked with the City of West Palm Beach to perform streetscape design improvements to the Tamarind Avenue corridor between Palm Beach Lakes Boulevard and 25th Street that included landscape islands, new street trees and plantings, irrigation, and decorative crosswalks and intersection treatments. Curbing and stormwater upgrades as well as re-grading of the intersections will be performed as part of this project. The intersection treatments included a baseball-themed intersection design that encompasses the entire 20th Street intersection as a tribute to the days when Hank Aaron, Jackie Robinson, and Satchel Paige played baseball in this neighborhood a half-century ago.

Fern Street Streetscape and Complete Streets Design, West Palm Beach
Landscape architect. Kimley-Horn provided civil engineering and landscape architectural design services for this project, which features complete street pedestrian and bicycle enhancements within portions of the Fern Street corridor between Tamarind Avenue and Flagler Drive in Downtown West Palm Beach. The design program includes curbside bioswale planters, pedestrian-level lighting, replacement of portions of existing sidewalk to remediate pedestrian hazards, restriping of the roadway to better organize parking and add a combination of dedicated bike lane and shared-use bicycle markings (sharrows), and decorative crosswalks.

Bicycle Lane Addition on NW 64th Avenue from Sunset Strip to Oakland Park Boulevard, Sunrise — Landscape architect. The City of Sunrise applied for a $927,000 Transportation Alternatives Grant administered by the Florida Department of Transportation to construct bicycle lanes and street improvements on NW 64th

Tricia Richter, PLA

Avenue from Sunset Strip to Oakland Park Boulevard. The City retained Kimley-Horn for design services for landscape, lighting, drainage, pedestrian and bicycle enhancements. This includes developing schematic design, design development, permitting, and construction documents. Additionally, Kimley-Horn environmental scientists will review natural, social, and physical resource data in the area and complete a Type 1 and Programmatic Categorical Exclusion (CE) checklist.

Boynton Beach Boulevard Design from East of I-95 to US-1, Boynton Beach — Landscape architect providing design services for this multi-stage project in the City of Boynton Beach. The design improvements to the project area (east of I-95 to US-1) include landscape architecture enhancements and Complete Streets features. Design features include narrowed lanes and expanded sidewalks to encourage pedestrian mobility and landscape/hardscape upgrades within the corridor. Our services include roadway and landscape design; signing and marking; signal plans; lighting; traffic analysis; utility coordination; permitting assistance; and public involvement services.

Boynton Beach Gateway Enhancements and Welcome Signage, Boynton Beach — Landscape architect. Kimley-Horn provided landscape architecture, structural engineering, signage design, construction plans preparation, and construction observation services to design and construct two "Welcome to Boynton Beach" signs. One sign is located at the north city limits along Federal Highway (just west of Ocean Inlet Drive) and another sign at the south city limits in the median of Federal Highway (just north of Gulfstream Blvd). These beautification and general improvements are part of Boynton Beach CRA's overall plan to improve the City's aesthetic and provide enhanced gateways into the community. The signs were installed in January 2016.

Las Olas Boulevard Corridor Improvements, Fort Lauderdale — Landscape architect. Kimley-Horn is providing preliminary design, evaluation, and due diligence services for this mixed-use project for the City of Fort Lauderdale Community Redevelopment Agency. The project consists of the redevelopment of several pieces of City property from existing surface parking lots to a new multi-story parking garage; active park and plaza areas; and general open space to enhance the pedestrian and beachgoer experience in the Fort Lauderdale beach area. Las Olas Boulevard is being improved to provide a "Complete Streets" design to better connect the shops, restaurants, and other businesses with the new Oceanside Plaza on the south side of Las Olas Boulevard. The design of Oceanside Plaza includes space for special events such as festivals and concerts; play areas for children; and a convenient porte-cochere drop off. Kimley-Horn is providing the initial site civil engineering design, roadway design, permitting coordination, stormwater, utility, franchise utility coordination, and other services.

Miramar Parkway Streetscape from SW 64th Avenue to SW 68th Avenue, Miramar — Landscape architect for this FDOT LAP funded project that involves roadway, landscape, irrigation, and lighting improvements on Miramar Parkway. Additional project improvements include bicycle lanes, drainage modifications, landscaping, lighting, hardscaping, driveway apron regrading, sidewalk replacement, ADA improvements at the intersections, and a mid-block pedestrian crossing/emergency signal modification.

5th Avenue South Bikeway and Pedestrian Trail, Lake Worth — Landscape architect. Kimley-Horn provided services to improve pedestrian and bicycle access for a multiuse path on 5th Avenue South and striping bike lanes on B and E streets between Lake Avenue South and 6th Avenue South. Our scope included final engineering design for paving, grading, landscape, hardscape, irrigation, signage, and striping for the project. The project was LAP funded by FDOT and followed LAP guidelines.

Hollywood US 1 Corridor Study, Hollywood — Landscape architect of the Kimley-Horn team selected to design a new cross section for a portion of US 1 that would allow for wider medians, improved sidewalk plantings, and extended medians to control access and improve safety through the corridor. In order to accomplish the City's goals for the corridor, Kimley-Horn worked with FDOT to designate this section of the road under their Transportation Design for Livable Communities (TDLC) program. The TDLC designation allows for a more advantageous horizontal clearance that will allow for larger trees to be planted closer to the curbs and paves the way for allowing the design speed of the corridor to be lowered to match the designated speed, which will allow for a typical section to be approved with narrower drive lanes. Kimley-Horn also presented traffic and crash data analysis to determine where medians could be extended throughout the corridor, allowing for more landscape space in medians and creating less crossing turning movements through the corridor for safety. Renderings of proposed development scenarios were worked through with City staff for use in upcoming public presentations.

V. Grant Martin, P.E.

Construction Phase Services

PROFESSIONAL CREDENTIALS

Bachelor of Science, Civil Engineering, WV Institute of Technology, 1999

Professional Engineer in Florida, #83921, November 16, 2017

Professional Engineer in West Virginia, #015808, December 5, 2003

Professional Engineer in Kentucky, #24364, September 1, 2005

Professional Engineer in Ohio, #69419, January 1, 2016

SPECIAL QUALIFICATIONS

Senior structural design engineer with 18 years of experience in bridge design and structural analysis

Qualified to prepare contract plans, provide services during construction, and provide structural inspections and ratings of in-service bridges

Ability to oversee, and manage, projects and team members to ensure timely completion of assignments

Relevant Experience

West Atlantic Avenue at Florida's Turnpike Intersection Improvements, Delray Beach Structural engineer for the addition of a dedicated westbound to northbound right-turn lane on SR 806/Atlantic Avenue at the northbound entrance to Florida's Turnpike. The turn lane starts east of the existing bridge over LWDD E-2-E Canal. The existing bridge was widened to accommodate the new turn lane. For the structural component, Kimley-Horn reviewed the existing bridge conditions and bridge crossing requirements of the LWDD E-2-E Canal and impacts of existing utility crossing attachments to the bridge. Our team coordinated with LWDD, owner of the canal; FDOT District Four Structural Office; and Florida's Turnpike Enterprise. Additionally, our team provided the design of the bridge widening.

Florida's Turnpike Widening from Glades Road to Atlantic Avenue, Florida's Turnpike Enterprise, Palm Beach County — Structural engineer for the widening design of the Turnpike mainline from 6 to 10 lanes, including express lanes. Design services include stabilizing the Lake Worth Drainage District (LWDD) E-2W canal bank to support the project's widening, replacing the Yamato Road bridge over the Turnpike, widening the bridge over Clint Moore Road, replacing the bridge over L-38 Canal, designing noise barriers, roadway lighting, signing and pavement markings, and utility coordination.

Glades Road and Butts Road Intersection Improvements, Boca Raton — Structural engineer for design of a signal replacement and second southbound turn lane on Butts Road at the intersection of SR 808/Glades Road as part of our countywide miscellaneous services contract for Palm Beach County. Kimley-Horn's services included signal plans and design to replace the existing mast-arm assembly, signing and pavement marking plans, roadway and intersection design, drainage design, and environmental permitting with South Florida Water Management District and Lake Worth Drainage District.

Apollo Beach Boulevard Extension/I-75 Flyover, Hillsborough County — QA/QC reviewer for Kimley-Horn's design of the extension of Apollo Beach Boulevard from US 41 to Paseo al Mar Boulevard. The new 4-lane facility and bridge flies over I-75 to the eastern limits of a conservation easement for the approach tie-down. Our services included construction phase services, roadway alignment and traffic studies; preparing engineering reports with right-of-way maps and environmental documentation incorporating roadway, stormwater detention, and wetland mitigation requirements; permitting requirements; and determination of right-of-way requirements.

Grant provided bridge design and construction phase services for the following projects while with another firm:

Structural Condition Inspection

- Bartow Jones Bridge over the Kanawha River, Point Pleasant, West Virginia
- Silver Memorial Bridge over the Ohio River; Point Pleasant, West Virginia
- Williamstown/Marietta Bridge over the Ohio River; Williamstown, West Virginia
- 35th & 36th Street Bridges over the Kanawha River; Charleston, West Virginia
- Bigley Avenue Bridges; Charleston, West Virginia

V. Grant Martin, P.E.

Bridge Design

- 4th Street Bridge Replacement, West Virginia 310, Marion County, West Virginia
- VA Hospital Bridge; West Virginia Route 98, Harrison County, West Virginia
- LeMaster Bridge, County Route 18/7, Tyler County, West Virginia
- Blandville Bridge Replacement; West Virginia Route 18, Doddridge County, West Virginia
- Big Wana Bridge; West Virginia Route 7, Monongalia County, West Virginia
- Fairplain Interchange Bridges Superstructure Replacement; I-77, Jackson County, West Virginia
- Clark Street Bridge; North 3rd Street, Clarksburg, Harrison County, West Virginia
- Earling Bridge; West Virginia Route 10, Logan County, West Virginia
- Jake's Run Bridge; West Virginia Route 7, Monongalia County, West Virginia
- Holcomb Bridge; County Route 20, Nicholas County, West Virginia
- Shiloh Bridge; County Route 14/4, Tyler County, West Virginia
- Indian Fork Bridge; County Route 13, Gilmer County, West Virginia
- Trace Fork Bridge; County Route 32, Lincoln County, West Virginia
- Merritt Creek Bridge; West Virginia Route 10, Cabell County, West Virginia
- Martin Bridge; West Virginia Route 10, Logan County West Virginia
- Rum Creek Bridge; County Route 14, Logan County, West Virginia
- Rita Bridge; West Virginia Route 10, Logan County, West Virginia
- Man Bridge; West Virginia Route 10, Logan County, West Virginia
- Webster Bridge; U.S. Route 119, Taylor County, West Virginia

Denise T. Palmatier, P.E.

Environmental Permitting

PROFESSIONAL CREDENTIALS

Bachelor of Science, Civil Engineering, University of Florida, 1992

Professional Engineer in Florida #51282, January 16, 2001

SPECIAL QUALIFICATIONS

Has 25 years of experience in the planning, design and construction management of water restoration and capital improvement projects for storm water treatment and flood control projects

Skilled at planning and feasibility studies, permitting, scheduling and cost estimating, public outreach and involvement on environmental projects

Engineering background includes water resource projects and water treatment areas as well as the infrastructure associated with flood control and associated communications

Extensive experience with water restoration and water supply project planning and design and familiarity with relevant regulatory and environmental requirements for expediting projects

Relevant Experience

Denise worked on the following projects prior to joining Kimley-Horn:

SFWMD Design and Installation of Emergency Forward Pumps, Glades, Hendry and Palm Beach Counties — Lead project manager for the Design, Manufacture and Installation of 14 electric submersible pumps at three sites (S-351, S-352 and S-354) located on the south side of Lake Okeechobee providing a total of 1400 cfs pumping capacity for water supply to the Palm Beach, North New River, Hillsboro and Miami Canals. During severe drought conditions when lake levels drop below 9.0 ft it is necessary to install pumps to provide agricultural and urban water supply. This design involved retrofitting of the existing water control structures S-351, S-352 and S-354 with horizontal axial flow pumps supported by structural steel bulkheads. Each bulkhead required two pumps and were installed in the downstream needle beam recess of the structure's stilling basin bay. Each pump had a 100 cfs capacity at an approximate total head of 6.0 ft. Project also included for new electrical equipment necessary for the operation of the pumps. Completed 2005 (design), 2007(construction)

Dupuis Boardwalk and Overlook, Palm Beach County — Lead project manager This project was located within the 21,875-acre SFWMD Dupuis Management Area and consisted of construction of a 2,762-sq. ft. boardwalk through wetlands and a 12' x 12' (144-sq. ft.) observation platform overlooking a lake. Construction of the boardwalk was accomplished using a value engineering replacement pin pier foundation in lieu of timber pile foundations. This option greatly reduced the impact to surrounding wetlands and resulted in fewer disturbances of the environmentally sensitive areas.

S-169 Structure Relocation and Replacement — Project manager for South Florida Water Management District. The planning and design of the S-169 structure located adjacent to the Herbert Hoover Dike (HHD) in the C-21 Canal consisted of a concrete box culvert with four bays each measuring 8' w x 11' h. Four (4) stainless steel gates with remote operating capabilities to control flow, security fencing, railing, fall protection, and an emergency generator, underground fuel tank and control building. This structure provides both flood protection and water supply benefits to the S-4 Basin. The project also included dredging of the entire length of the C-20 to its original canal bottom elevation of -8.00 feet. Project involved extensive coordination with the USACE, FDEP, USFWS, Local Drainage Districts, City of Clewiston and United States Sugar Corporation.

G-251 Restoration Strategies Bolles Canal (L-16) Phase I Improvements, Palm Beach County — Lead project manager for South Florida Water Management District for the design and construction of the Bolles East (L-16) Canal Conveyance Improvement Project to improve the capacity of the Bolles East Canal from the Hillsboro to the North New River Canal. Canal conveyance improvements included widening and deepening of the Bolles Canal to improve conveyance south to the STAs. Phase I consisted of approximately 9.0 miles of canal conveyance improvements within the Bolles Canal. located in the Everglades Agriculture Area. Project included coordination with over 15 landowners located within and along the District's existing right of way. Project also included the relocation of the landowners roads and seepage canals that were located within the ROW and move them outside the new canal footprint.

South Florida G-251 Restoration Strategies Bolles Canal (L-16) Phase I Improvements, South Florida Water Management District (SFWMD), Palm Beach County — Lead project manager for design and construction of the Bolles East (L-16) Canal to improve the conveyance capacity of the Bolles East Canal from the Hillsboro

Denise T. Palmatier, P.E.

to the North New River Canal. Canal conveyance improvements included widening and deepening of the Bolles Canal to improve conveyance south to STA 2, STA 3/4 and the new A-1 FEB. Phase I consisted of 9.0 miles of canal conveyance improvements within the Bolles Canal located in the Everglades Agricultural Area. The project included coordination with over 15 landowners along the District's existing right of way. The project also included relocation of roads and seepage canals located within the R/W and moving them outside the new canal footprint. Negotiated a Temporary Construction Easement with all 15 landowners for the successful and timely completion of the project.

S-65E Emergency Tail Water Weir — Construction Manager for SFWMD's emergency project which included the installation of an underwater steel sheet pile weir, rubble rip rap, a concrete apron, and 25,000 cubic yards of earthen fill. The fill material was placed inside the cellular sheet pile cells to form an earthen dike, which would support the weir. Dredging of the canal bottom prior to construction of the weir of approximately 4,833 cubic yards of material and placement of a concrete apron (200ft x 90ft x 8ft) consisting of over 10,000 cy of concrete which required two separate underwater tremie concrete placements.

S-169 Structure Relocation and Replacement — Project manager for South Florida Water Management District. The planning and design of the S-169 structure located adjacent to the Herbert Hoover Dike (HHD) in the C-21 Canal consisted of a concrete box culvert with four bays each measuring 8' w x 11' h. Four (4) stainless steel gates with remote operating capabilities to control flow, security fencing, railing, fall protection, and an emergency generator, underground fuel tank and control building. This structure provides both flood protection and water supply benefits to the S-4 Basin. The project also included dredging of the entire length of the C-20 to its original canal bottom elevation of -8.00 feet. Project involved extensive coordination with the USACE, FDEP, USFWS, Local Drainage Districts, City of Clewiston and United States Sugar Corporation.

Taylor Creek and Nubbin Slough Storm Treatment Areas (STAs), Okeechobee — Project manager for South Florida Water Management District. Taylor Creek/Grassy Island STA is approximately 200-acre STA designed to capture and reduce the phosphorus within the Taylor Creek Basin discharge. The Nubbin Slough facility is an 809-acre STA adjacent to the Nubbin Slough which is a tributary to Lake Okeechobee. As Manager for the Nubbin Slough and Taylor Creek Critical Restoration Projects, Denise wrote the necessary letter reports to congress, negotiated the Project Cooperation Agreements (PCA) between state and federal agencies for execution of the work and numerous permitting efforts between federal, state and local agencies. Developed the projects schedules, budgets and deliverables with the US Army Corps of Engineers (USACE) and the SFWMD. Worked closely with the USACE to coordinate design and construction of these projects and to coordinate design with internal clients within the South Florida Water Management Departments. Provided briefings, coordination and communication with the USACE, local governments, drainage districts, professional firms, and public review and comment as necessary. Completed 2003 (design), 2005 (construction)

Engineering and Construction Department - SFWMD, Districtwide — Project manager for the design and construction of projects for Everglades Restoration as well as Capital Improvement projects for the Operations and Maintenance Department. Responsible for development of Scopes of Work for Design Projects, negotiations with Engineering Consultants, providing design coordination for internal and external stakeholders. In addition to Project Management for design her responsibilities continued into construction management of these same projects. Duties include meeting with contractors on project schedules, budgets, change order negotiations, pay applications, conduct weekly construction meetings, review of deliverables and submittals and coordination with internal and external district clients and end user groups. Coordinate and investigate warranty items with contractors after project completion.

Surface Water Restoration Grant from Florida Department of Environmental Protection - Ten Mile Creek Water Preserve Area
Grant application was for infrastructure improvements for the construction of an above-ground reservoir with a pump station for filling the reservoir from Ten Mile Creek, a gated water-level control structure for the release of water back to the creek from the polishing cell, a gated gravity control structure for draining the facility for maintenance purposes, control structures between the deep water storage area and the polishing cellfor operational control, and an overflow weir for emergencies. In addition, the project consisted of the required planning and design activities, land acquisition, operational and best management practice plans for the basin and reservoir. The footprint of the reservoir is approximately 550 acres in size with the remaining acreage of approximately 190 acres being utilized as a polishing cell.

Lynn Kiefer

Environmental Permitting

PROFESSIONAL CREDENTIALS

Master of Science, Coastal Zone Management/Oceanography, Florida Institute of Technology, 1992

Bachelor of Science, Marine Biology, Auburn University, 1989

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 FDOT Traffic Noise Analysis Certification, October 2015

SPECIAL QUALIFICATIONS

Has 28 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

Responsible for the natural, social and physical environment data collection, analysis and documentation for more than 30 PD&E Studies

Experience in environmental analysis, including freshwater ecosystems, marine ecosystems, and terrestrial habitats

Responsible for NEPA documents (EIS, EA, FONSI documented Categorical Exclusions) for FDOT, FAA, and FTA

Relevant Experience

Pompano Beach Tri-Rail Station Improvements, South Florida Regional Transportation Planning Authority (SFRTA), Pompano Beach, FL — Environmental task manager. SRFTA proposed improvements to the existing Tri-Rail Station at Pompano Beach. The proposed improvements included widening the existing platforms and providing canopies; modifications to access ramps for ADA compliance; new pedestrian overpass; removal of existing and construction of new customer service kiosks and employee restroom; existing parking lot modifications to improve bus circulation, taxi staging areas, and kiss & drop-off areas; addition of benches, bike racks and lockers; landscaping; installation of energy efficient LED lighting, machine room- less elevators and solar panels for electric generation; and retrofitting and upgrading the existing drainage facilities. Kimley-Horn is in the process of completing the Categorical Exclusion for review approval by FTA. Kimley-Horn also completed a Phase I Environmental Site Assessment (ESA) to identify potential contamination concerns on the property.

Crosstown Parkway Bridge Extension PD&E Study from Manth Lane to US 1, Port St. Lucie — Lead environmental scientist for Kimley-Horn's efforts to assist with the processing of an environmental impact statement (EIS) for the Florida Department of Transportation and Federal Highway Administration. Kimley-Horn helped the City establish a work plan, monitor the project schedule for the EIS, provide independent document peer reviews, attend project progress meetings, and provide overall project oversight and participated at the request of the city on the value engineering team.

PD&E Study for SR 5/US 1/Federal Highway Bridge Replacement from CR A1A to Beach Road, FDOT District Four — Environmental lead. Kimley-Horn was retained by District Four to conduct a PD&E study for the Jupiter Bridge (No. 930005) on US 1/ Federal Highway between CR A1A and Beach Road in Palm Beach County. Our team is evaluating the following alternatives: 1) Bridge rehabilitation; 2) Bridge replacement, high level, mid-level, low level, includes various alignment alternatives; 3) No-build. The various alignment and build alternatives will include consideration for a temporary bridge, full bridge closure, or phased construction with traffic on existing bridge. Each alternative above will evaluate bringing the bridge up to FDOT standards including options to accommodate pedestrian and bicyclists.

SR A1A North Causeway Bridge PD&E Study, FDOT District Four, Fort Pierce
Environmental scientist. The SR A1A North Causeway Bridge is a movable bascule bridge that was constructed in 1963. It spans over the Atlantic Intracoastal Waterway (ICWW) connecting the barrier island to the mainland in the City of Fort Pierce. In March 2013, the bridge was inspected and deemed an "operational area of concern." The purpose of this PD&E Study is to evaluate bridge replacement alternatives to resolve the structurally deficient conditions of the existing bridge and enhance regional mobility for the adjacent area.

SR A1A (Flagler Memorial Bridge) Replacement Design-Build Criteria Package and Construction Phase Services, FDOT District Four, West Palm Beach
Environmental task manager. Lynn managed the environmental issues that included permit coordination with the USCG, USACE, NMFS and South Florida Water Management District, impacts upon the natural environment (wetlands, seagrass, endangered and threatened species, water quality), and contamination. Also was responsible for extensive coordination associated with the Section 4(f) Determination of Applicability, Programmatic Section 4(f) for the historic bridge replacement and the case study for the Section 106 process. Extensive public involvement and consensus building was required for the project and for the historic bridge issues.

Kimley»Horn

Lynn Kiefer

CR 361 over Clearwater Creek Bridge (No. 380040) Replacement PD&E and Design, FDOT District Two — QA/QC reviewer. Kimley-Horn is leading the completion of the PD&E study for the CR 361 bridge over Clearwater Creek for FDOT District Two. The study includes the evaluation of the flow of Clearwater Creek in the areas as well as the future hydraulic needs. In addition, existing and future traffic is considered to determine to develop replacement options. Replacement options are developed and evaluated for impacts to the natural and social environment, as well as the feasibility for maintaining traffic and constructability.

Juanita Avenue Bridge, Programmatic Categorical Exclusion - St. Lucie County — Environmental scientist. Kimley-Horn completed the programmatic categorical exclusion checklist and documentation for this Local Agency Program 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 also 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. Documentation was submitted to the Florida Department of Transportation on behalf of the County for review.

PD&E Study for Florida's Turnpike Spur and the HEFT from NW 57th Avenue to Turnpike Mainline, Broward/Miami-Dade Counties Environmental task manager for the Kimley-Horn team that is serving as a subconsultant to another firm to provide engineering services for a PD&E study for the widening of the Florida's Turnpike Spur and the HEFT from East of NW 57th Avenue to Mainline in Broward and Miami-Dade counties. Responsible for the all environmental data collection and analysis, preparation of the Wetland Evaluation Report, Sociocultural Effects Report, Endangered Species Biological Assessment Report and the State Environmental Impact Report.

Midway Road (CR 712) Design and Reconstruction, FDOT District Four, St. Lucie County — Environmental manager responsible for environmental permitting 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 (Aquatic Preserve and Outstanding Florida Water) and also includes 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.

Space Coast Trail PD&E Study, FDOT District Five — Environmental manager responsible for preparation of the Natural Resource Evaluation report which includes the Wetland Evaluation, Endangered Species Biological Assessment, and Essential Fish Habitat Assessment and the Contamination Screening Evaluation. Also, responsible for the preparation of the joint US Fish and Wildlife Service (USFWS) and National Park Service (NPS) Environmental Assessment/Finding of No Significant Impact (EA/FONSI) and the FDOT State Environmental Impact Report (SEIR). This project involves evaluating alternatives for the east-west segment of the Space Coast Gap and a north-south segment of trail to connect to the Space Coast Loop Trail within highly sensitive natural and cultural environment. This trail is part of the coast-to-coast trail system extending through Florida from the Gulf of Mexico to Canaveral National Seashore. Extensive coordination is involved with USFWS, NPS and NASA.

Sumter Boulevard Improvements, Phases II and III, North Port — Environmental task manager responsible for natural resource assessments, including wetlands, native habitat, and listed species evaluations for Phases I, II, and III of the Sumter Boulevard expansion. Supervised the field data collection and preparation of wetland and biological assessments.

SW 10th Street PD&E Study (Sawgrass to I-95), Broward County, Deerfield Beach — Environmental scientist for Kimley-Horn's services as a subconsultant to another firm for this politically charged PD&E study in Broward County. The study's goal is to look at options to provide connectivity between Florida's Turnpike, Sawgrass Expressway, and I-95—three major limited-access, SIS facilities in South Florida. Other goals include enhanced local access for businesses and communities; provisions for multimodal, bicycle and pedestrian facilities; provisions for future express bus service; and design services to increase capacity and eliminate existing operational and safety deficiencies along SW 10th Street.

Transportation Program Support Services, Miami — Environmental scientist for Transportation Program Support Services contract with the City of Miami. In this role, Kimley-Horn served as an extension of the City's staff assisting in the program management and administration of transportation and transit projects in the City's Capital Improvements Program (CIP). Kimley-Horn's responsibilities include providing oversight of projects encompassing planning, design, and construction activities.

Victoria Bacheler

Environmental Permitting

PROFESSIONAL CREDENTIALS

Master of Science, Marine and Environmental Biology, Nicholls State University, 2013 Bachelor of Science, Wildlife Ecology and Conservation, University of Florida, 2009

SPECIAL QUALIFICATIONS

Experience working with state and federal agencies including U.S. Army Corps of Engineers and U.S. EPA

Experience using various computer applications [ArcGIS (ArcMap), Microsoft Word applications, SAS, PRIMER, FAMS]

Extensive experience gathering fisheries data using the following gear types and methods: gill nets, crab traps, minnow traps, bottomless lift nets, hook and line, PIT tagging, surgically inserted acoustic tags, extraction and reading of otoliths

Experience identifying wetland plant species

Advanced SCUBA diver with over 100 logged dives and certifications in Cavern Diver, Nitrox, and AAUS pending certification

Relevant Experience

SW 10th Street PD&E Study (Sawgrass to I-95), FDOT District Four, Deerfield Beach — Environmental scientist responsible for conducting gopher tortoise survey, habitat mapping, and writing and submittal of NEPA documentation (Natural Resources Assessment, Socio-cultural Effects Report, Section 4(f) Determination of Applicability Report, Contamination Screening Evaluation Report, and Categorical Exclusion Report), and public involvement. This project includes the widening of an already existing roadway in Deerfield Beach, FL. SW 10th Street provides a link between the Sawgrass Expressway, Florida's Turnpike, and I-95, therefore serving as an important arterial roadway for local residents and commuters.

Midway Road (CR 712) Design and Reconstruction, FDOT District Four, St. Lucie County — Environmental scientist conducting Crested Caracara (federally threatened bird species) surveying. Kimley-Horn will be responsible for permitting 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 (Aquatic Preserve and Outstanding Florida Water) and also includes 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 A1A North Causeway Bridge PD&E Study, FDOT District Four, St. Lucie County Environmental scientist responsible for conducting seagrass survey, wetland delineation, and assisting with NEPA documentation (Natural Resource Assessment, Sociocultural Effects Reports, and Type II Categorical Exclusion). The SR A1A North Causeway Bridge is a movable bascule bridge constructed in 1963. It spans the Atlantic Intracoastal Waterway (ICWW) connecting the barrier island to the City of Fort Pierce. In March 2013, the bridge was inspected and deemed an "operational area of concern." The purpose of this PD&E Study is to evaluate bridge replacement alternatives to resolve the existing bridge's structurally deficient conditions and enhance regional mobility for the adjacent area. Environmental services include conducting boat surveys to identify which vessels require bridge openings.

Harbor Branch Preserve Wetland Restoration, St. Lucie County Mosquito Control District — Environmental scientist responsible for water quality sampling, wildlife surveying and monitoring report preparation. For this restoration project, the wetlands were impounded and reconnected to the Indian River Lagoon (IRL) via culverts installed through the impoundment dike. The reconnection of the wetlands via culverts installed in the dike, combined with artificial flooding during the low-water, summer season, allows constant or intermittent flooding of the wetland floor which reduces mosquito habitat availability for the salt marsh mosquito. The project will result in mosquito control and wetland restoration. Kimley-Horn performed a resource survey, including SAV, prepared the ERP application, and coordinated with the FDEP and USACE during permitting.

PD&E Study for SR 5/US 1/Federal Highway from CR A1A to Beach Road, FDOT District Four, Jupiter — Environmental scientist. Kimley-Horn was retained by District Four to conduct a PD&E study for the Jupiter Bridge (No. 930005) on US 1/ Federal Highway between CR A1A and Beach Road in Palm Beach County. Our team is evaluating the following alternatives: 1) Bridge rehabilitation; 2) Bridge replacement,

high level, mid-level, low level, includes various alignment alternatives; 3) No-build. The various alignment and build alternatives will include consideration for a temporary bridge, full bridge closure, or phased construction with traffic on existing bridge. Each alternative above will evaluate bringing the bridge up to FDOT standards including options to accommodate pedestrian and bicyclists. Environmental services include conducting seagrass and Florida scrub-jay surveys, habitat mapping, tree surveys, and assisting with the writing and submittal of NEPA documentation.

Osceola Parkway Extension PD&E Study, Florida's Turnpike Enterprise, Orange/Osceola County line — Environmental scientist responsible for writing a detailed Technical Compendium. Kimley-Horn is conducting a PD&E study for the extension of Osceola Parkway, which begins west of Boggy Creek Road and runs east for approximately seven miles to the proposed Southport Connector. The corridor study area is located adjacent to the Orange/Osceola County line. The study focuses on developing a freeway facility that can be expanded in the future with provisions to accommodate a transit corridor and multiuse pedestrian facilities. The project includes a connection to provide direct access to and from SR 417, with interchanges at both ends of the connector road—one at SR 417 and the other at Osceola Parkway.

Bicycle Lane Addition on NW 64th Avenue from Sunset Strip to Oakland Park Boulevard, Sunrise — Environmental analyst. The City of Sunrise applied for a $927,000 Transportation Alternatives Grant administered by the Florida Department of Transportation to construct bicycle lanes and street improvements on NW 64th Avenue from Sunset Strip to Oakland Park Boulevard. The City retained Kimley-Horn for design services for landscape, lighting, drainage, pedestrian and bicycle enhancements. This includes developing schematic design, design development, permitting, and construction documents. Additionally, Kimley-Horn environmental scientists will review natural, social, and physical resource data in the area and complete a Type 1 and Programmatic Categorical Exclusion (CE) checklist.

Modern Roundabout Improvement Design / PD&E for US 41 and Gulfstream, FDOT District One, Sarasota — Environmental scientist assisting with writing Natural Resource Evaluation Report and State Environmental Impact Report. Kimley-Horn performed engineering services for the state's first State-Wide Acceleration and Transformation (SWAT) project for the multi-lane roundabout. Designated as a SWAT project, the PD&E and Design efforts overlap to reduce schedule and streamline efficiency. This project included full reconstruction of the intersection to a roundabout configuration, pedestrian signals, lighting, landscape, ADA and drainage improvements. This is the first partial 3 lane roundabout in the state and due to its complexity an emphasis has been placed on public involvement for this project.

Space Coast Trail PD&E Study, FDOT District Five — Environmental scientist. Environmental services include conducting habitat mapping, Florida scrub-jay surveys, gopher tortoise surveys, and writing and submittal of NEPA documentation (Natural Resource Evaluation and Contamination Screening Evaluation Report). Kimley-Horn was retained by FDOT District Five to conduct a PD&E study for three segments of Space Coast Trail. Our team is evaluating the following alternatives: shared-use trails, regional trail connections, and buffered bike lanes for crossing the Haulover Canal. The preliminary assessment involves data collection and conceptual design alternatives incorporating Complete Streets into the selected areas.

Boca Raton II Tri-Rail Station PD&E Study, SFRTA — Environmental scientist responsible for writing and submittal of NEPA documentation (Natural Resources Evaluation, Socio-cultural Effects Report, and Type II Categorical Exclusion) and assisting with public involvement. This project involves the construction of a second Tri-Rail station within the City of Boca Raton. The proposed station will increase mobility for residents and commuters and will also provide access to a variety of local community features, such as Town Center at Boca Raton mall, downtown Boca Raton, several recreational facilities, and colleges/schools nearby. (added 5/9/18)

St. Johns Village (River Vue), Jacksonville — Environmental analyst. This redevelopment project is a 284-unit, market rate apartment project that redeveloped an old, unutilized shopping center constructed in the 1980s. The redevelopment of this project was challenged with many issues, including the presence of soil contamination, dealing with unknown and buried infrastructure and by the community concerns of the Riverside Avondale Preservation (RAP) Society. The developer and Kimley-Horn prepared for multiple meetings with RAP and put the concerned residents at ease with the proposed redevelopment plans. Kimley-Horn was responsible for entitlement planning, traffic engineering, site planning, site design and permitting services associated with redeveloping this highly anticipated and needed project along Fishweir Creek. This redevelopment project won the 2016 Northeast Florida Planning and Zoning Association (FPZA) Outstanding Public Participation Award.

Section 2 Project Team

REGISTRATION

- Architect: Certified: Florida #13205
- NCARB #45861

EDUCATION

- Bachelor of Architecture
  University of Kentucky 1987

PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- Florida Association AIA,
  Past State Director
  Palm Beach Chapter, Past President
  Design Awards Committee, Chair

COMMUNITY SERVICE & ORGANIZATIONS

- City of Boca Raton Community Appearance Board Past Vice Chairman
- City of Delray Beach
  Board of Adjustment - Member
- City of Delray Beach
  Planning and Zoning Board - Past Chairman
- City of Delray Beach
  Board of Adjustments - Past Vice Chair
- City of Delray Beach
  Site Plan Review and Appearance Board - Past Member & Chair
- Pineapple Grove Main Street
  Design Committee - Member
- Rotary Club of Delray Beach - Past Secretary

JESS M. SOWARDS, AIA, LEED AP

Architect

Jess joined the firm in the fall of 1987 following his graduation with a Bachelors of Architecture from the University of Kentucky. Having worked at several architectural firms while completing his formal education, Jess advanced quickly in the firm taking on many challenges including the design and reconstruction of numerous cultural arts and religious projects, hotels, shopping centers and fire stations. In 1989, Jess became a registered architect in the state of Florida and received his certification from the National Council of Architectural Registration Board (NCARB). Having developed his skills to manage multiple projects from conceptual design through occupancy, Jess was promoted to a firm Principal in 2000.

Community involvement is an integral part of his commitment to architecture and good design. He has participated in numerous design charrettes including Old School Square, Village of Key Biscayne, Pineapple Grove Main Street and others. Jess was a member of the City of Boca Raton's Community Appearance Board from 2012 to 2016 and served as the Vice Chairman. He has been a member of City of Delray Beach Board of Adjustment, City of Delray Beach Planning and Zoning Board (serving as the chairman), City of Delray Beach Site Plan Review and Appearance Board, Pineapple Grove Main Street Design Committee and is past President of the Palm Beach Chapter of the Florida American Institute of Architects. Jess was honored with the Hillard T. Smith Award in 2004 by the Palm Beach Chapter of the AIA for his active leadership in community activity and service which was of direct benefit to the community and in 2014 he received the Chapter's highest honor, the Gold Medal.

Jess's credits include a host of highly relevant bridge projects. His designs have created architectural synergy between coastal communities for the City of Boynton Beach and the Town of Manalapan with the whimsical Ocean Avenue Bridge and more recently between the City of West Palm Beach and the Town of Palm Beach with the regal Flagler Memorial Bridge. His present bridge assignment is a nautical themed design for the Atlantic Boulevard Bridge and the City of Pompano Beach. The project design inspired the aesthetics for the City's first municipal parking garage which opened in 2016 to great fanfare. The 600 space garage was designed by CSAA through a design build process.

Section 2 Project Team

JOSÉ N. AGUILA, AIA, LEED AP

Architect

REGISTRATION

- Architect: Certified: Florida #15349
- NCARB #48524

EDUCATION

- Bachelor of Architecture, 1988
- Florida A&M University
- Bachelor of Science in Architectural Studies, 1981
  Florida A&M University

PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- Florida Association AIA
  Palm Beach Chapter AIA
- U.S. Green Building Council

COMMUNITY SERVICE & ORGANIZATIONS

- Palm Beach County
  Planning Commission Past Member
- City of Delray Beach
  Site Plan and Approval Board
  Past Member
- City of Boynton Beach CRA Board

  Past Member
- City of Boynton Beach
  Former Commissioner
- City of Boynton Beach
  Planning & Development Board
  Former Member
- City of Boynton Beach
  Building Board of Adjustment
  & Appeals Past Member

José N. Aguila joined the firm in early 1976 as a beginning draftsman. Over the next two years as his skills developed, he was encouraged by Robert Currie to pursue his degree in architecture. In 1978, José began his course of studies at the newly created School ofArchitecture at Florida A&M University (FAMU), graduating with a Bachelor's of Science in Architectural Studies in 1981 and a Bachelor's of Architecture degree in 1988. In 1989, he became the first statewide Associate Director for the Florida AIA.

From 1993 - 1998, José was employed as Construction Manager for the City of Delray Beach and responsible for overseeing the implementation of over $50 million worth of capital improvement projects. At the same time, he continued his community involvement with the City of Boynton Beach as a member of the Planning and Development Board and subsequently a member of the Community Redevelopment Agency. Returning to the firm in 1998, he became a principal in 2000.

As the firm's senior Construction Manager, he has been responsible for the management of numerous projects over the years including parks, religious and educational complexes, clubhouses, and transportation projects including multiple bridge assignments. José has served as the firm's primary point of contact for its long standing relationship with the City of Pompano Beach for the past 10 years.

KEITH

LEE POWERS, PSM

Surveying & Mapping

Mr. Lee Powers has over 13 years of experience in land surveying and mapping in South Florida. He has worked with many local municipalities and government agencies to create and/or modernize their GIS Systems. He has also performed construction, right-of-way, control, ALTA, boundary, as-built and topographic (both acreage and coastal) surveys. He has extensive laser scanning experience with a particular emphasis on architectural modeling, historical preservation and infrastructure monitoring. He is well-versed in the scan-to-model workflow. He coordinates our BIM/VDC staff to ensure a quality and accurate model. Mr. Powers has extensive Project Management experience for large-scale projects and continuing service type contracts for both public and private sector clients. He is knowledgeable in the use of a wide range of state-of-the-art surveying equipment and associated computer technologies. He has extensive experience in field crew supervision, quality control and client relations.

Years of Experience
13

Education
B.S. Land Surveying & Geomatics Engineering, Purdue University, West Lafayette, Indiana 2005

Professional Registrations
Registered Professional Surveyor & Mapper, State of Florida, #6805 (2010)

Professional Affiliations
BIM Smart Foundation Member

Florida Society of Professional Surveyors & Mappers
American Resort

Certifications
Transportation Worker Identification Credential (TWIC)

FDOT Maintenance of Traffic

RELEVANT PROJECT EXPERIENCE

SE 8th Court Bridge Replacement, Pompano Beach, FL: Mr. Powers was the Project Surveyor for this design and reconstruction project including right of way and design survey, utility location and bathymetric survey for the replacement of an existing substandard municipal bridge. The specific survey work associated with this project included hydrographic, topographic and design survey associated with the proposed design of the replacement bridge and seawall as well as as-builting the required improvements upon completion of construction to provide the necessary final certification documentation to the designer.

FDOT D4 Ravenswood Bridge Replacement Broward County: Mr. Powers served as the project surveyor for this replacement of the Ravenswood Bridge over the Dania Cut-Off Canal. As a subconsultant to Bolton Perez & Associates, KEITH handled the Survey and Utility Coordination for this Bridge Replacement Project on Ravenswood Rd., North of Griffin Rd.

City of Pompano Beach Miscellaneous Surveying Services, Pompano Beach, FL: KEITH is currently providing general surveying and mapping services to the municipality on an as needed basis on this ongoing continuing services contract since for over 16 years. Some projects provided under this contract include: SE 8th Court Bridge Replacement Survey, SE 9th Avenue Bridge Replacement Design Survey, Hillsboro Bay Foot Bridge Design Survey.

Engineering Consultant Services for Highway Construction and Engineering Design, Broward County, FL: As a subconsultant to Atkins, KEITH provided surveying and subsurface utility engineering support for various county-wide transportation and general civil engineering projects. Typical services included design surveys, topographic surveys, water crossing surveys, 3D laser scanning, utility designation, locating and mapping to support project designs as well as post-construction services associated with new traffic signals, signal conversions, mast arm installations, evaluations of existing utilities, roadway widening, bridge rehabs, intersection improvements and school zone improvements among others.

FDOT D4 SR 80 at Forest Hill Blvd, Palm Beach County, FL: This project entails intersection improvements at Southern Boulevard SR 80 and Forest Hill Boulevard, including the widening of the bridge over the C-51 canal. As a subconsultant to Inwood Engineers, KEITH is providing surveying, utility designation and coordination and landscape architecture services. The survey includes a topographic survey of the roadway, subsurface utilities, canal cross sections and a detailed bridge survey that resulted in a comprehensive 3D model.

DANIEL CHECCHIA

Subsurface Utility Investigations

Mr. Checchia has over 21 years of experience in transportation engineering, surveying, civil design and construction related fields, with expertise in Subsurface Utility Engineering (SUE), including Utility Coordination. His duties are to oversee the day-to-day operations of all Subsurface Utility Engineering and Coordination projects for our firm. Mr. Checchia is responsible for assisting clients with utility research, identification, data management and coordination. Besides having developed a strong rapport with local utilities and municipalities, his knowledge and experience in the Subsurface Utility Engineering process allows him to easily recognize utility conflicts during design and construction. He has been involved on a variety of projects such as design, design build and private sector work. Mr. Checchia's understanding of the Quality Levels in the ASCE Guidelines enables him to manage a project from pre-design to post construction, negotiating to minimize utility impacts and suggesting and implementing cost effective timely resolutions for utility conflicts. Mr. Checchia is fully knowledgeable of the FDOT Utility Coordination process, with eight years of involvement working on multiple types of transportation projects.

Years of Experience
21

Education
AS of Applied Science in Construction Technology, Suffolk County Community College, 2008

Professional Affiliations
Founding Board of Director-SUE Association

Transportation & Expressway Authority Membership of Florida (TEAM FL)

Florida Utility Coordination Committee (FUCC)

Certifications
FDOT Maintenance of Traffic

Issues Affecting SUE

Risk Management and Professional Liability in SUE

Rebuilding America's Infrastructure

SAFE PIPES Act and Related Legislation

RELEVANT PROJECT EXPERIENCE

SE 8th Court Bridge Replacement, Pompano Beach, FL: Mr. Checchia provided utility location support for the design of the bridge. Utility designation (Quality Level B) and locates (Quality Level A) were performed to assist the design team in identifying existing utilities within the proposed footprint.

FDOT D4 Ravenswood Bridge Replacement, Broward County, FL: KEITH managed the Utility Coordination for this Bridge Replacement project on Ravenswood Rd., North of Griffin Rd. Our Design ticket with Sunshine State One Call of Florida identified twelve Utility Agencies and the Broward County Traffic Engineering Dept. Several Utility Meetings were conducted to clarify the construction phasing and Utility involvement. Five Utility Agencies had facilities in the area but were not involved in the Project and we negotiated/coordinated six Non-Reimbursable Utility Work Schedules Broward County Water and Wastewater entered into a "Utility Work by Highway Contractor Agreement" for the Engineering and Design of the relocation/adjustment of the water and sanitary lines that were impacted by this bridge replacement project. Utility Certification was completed on schedule.

Replacement of Little Blue Heron Bridge & Little Lake Worth Bridge, Palm Beach County, FL: KEITH provided Utility Coordination for the design-build of the replacements for the bridges over Little Blue Heron and Little Lake Worth. Subsurface Utility Engineering (SUE) was also required, designating (ASCE Quality Level B) and locating (ASCE Quality Level A) services were used to map the precise position of existing underground utilities within the anticipated bridge footprints.

FDOT D6 Districtwide Utility Location Services for Atlantic Avenue, Miami-Dade County, Florida: KEITH is responsible for providing designating, location, and surveying services for this bridge foundation verification task work order located at the Atlantic Isle Lagoon. KEITH is tasked with providing eight physical locates to identify the limits/intersection of the existing bridge foundations east and west side along Atlantic Avenue. KEITH will also perform a survey of the physical locates.

FDOT D4 St. Lucie West Interchange Improvements, St. Lucie, County, FL: The improvements entail a proposed new 3-lane concrete bridge at the interchange of I-95 at St. Lucie West Boulevard. Within the limits of the project, there are eight Mast Arms and two Overhead Structures, an extensive number of overhead transmission lines to the West of the bridge and seven identified UAOs. As a subconsultant to HDR Engineering, KEITH will provide utility coordination services. Mr. Checchia is managing the utility coordination efforts.

KENNETH A. DOUGLAS

FIALD, IES, LC, LEED AP

Architectural Lighting

"Designing with light allows us to define a community's sense of place, an employee's work environment or a city's skyline. All without them ever knowing we were there."

PROFESSIONAL AFFILIATIONS

Fellow of the International Association of Lighting Designers

Illuminating Engineering Society of North America, Member

Lighting Certified by the National Council on Qualifications for the Lighting Profession

LEED Accredited Professional

EDUCATION

Thomas Edison State College,
Bachelor of Arts

Baruch College: Coursework in Business Management

Fashion Institute of Technology: Coursework in Architectural Lighting

State University of New York at Purchase: Theater Lighting Program

AWARDS

IES Award of Merit -
Biloxi Bay Bridge, Biloxi, Mississippi

IES Award of Merit-
Hastings Bridge, Hasting, Minnesota

IES Award of Merit -
Senator Christopher S. Bond Bridge, North Kansas City, Missouri

ABOUT KEN

Ken Douglas is a principal at Horton Lees Brogden Lighting Design, to which he brings his training in theatrical lighting design and more than thirty years of experience in architectural lighting design. Ken's work has received awards from The International Association of Lighting Designers (IALD) and the Illuminating Engineering Society of North American (IESNA), including his designs for The Thomas Jefferson Memorial in Washington, DC and the Biloxi Bay Bridge in Mississippi. He has been invited to speak at numerous conferences, present educational sessions to client groups, and write articles for publication in industry magazines.

In addition to his depth of expertise and experience in lighting design, Ken has the ability to understand and realize complex mechanical and technological details. This skill is apparent in everything he does, from his painstaking details for the Jefferson Memorial to his ability to stay abreast of the ever-evolving technologies that are transforming the lighting industry.

LIGHTING EXPERTISE

Ken is a Fellow of the IALD, where he served as Treasurer on the Board of Directors following two terms as a Director-at-Large. Ken served for four years as chair of the organization's prestigious international awards program and was awarded their Volunteer Service Award for his efforts. Additionally, his work has appeared in Architectural Record, Architectural Lighting and LD+A magazines.

SELECT PROJECTS

St. Lawrence River Crossing, Montreal, Canada | T. Y. Lin International

Lafayette Bridge, St. Paul, MN | Parsons International | Touchstone Architecture & Consulting

Dr. Martin Luther King, Jr. Memorial Bridge, Fort Wayne, IN | DLZ Corporation

Marco Island Bridge, Marco Island, FL | HDR

I-4 Ivanhoe Gateway Pedestrian Bridge, Orlando, FL | T. Y. Lin International

I-4 Ultimate, Orlando, FL | Design/Engineering Joint Venture: HDR and Jacobs | Bridgescape

Hastings Bridge, Hastings, MN | Parsons | Touchstone Architecture & Consulting

SIMI VEIT

Assoc. IALD, MIES, LC

Architectural Lighting

"The art of lighting design is understanding and arranging a scientific phenomenon into a creative composition that stimulates the emotions and entertains the senses."

PROFESSIONAL AFFILIATIONS

NCQLP Lighting Certification

Illuminating Engineering Society,
Member

International Association of Lighting Designers,
Associate Member

EDUCATION

Penn State University,
Bachelors of Architectural Engineering

AWARDS

Lighting Magazine – 2018
40Under40 North America

IES Illumination Award of Merit -
53rd St. New York Public Library
New York, NY

IES Illumination Award of Merit -
Google Cambridge Center
Cambridge, MA

Penn State Architectural Engineering – 2012
Thornton Tomasetti First Place BIM Thesis Award

ABOUT SIMI

As a design team leader in HLB's Miami studio, Simi thrives in an active and collaborative environment, always looking for ways to use her analytical skills in a creative manner. She aims to create lighting solutions that are stimulating and satisfy not only for visual comfort requirements, but end user expectations.

Simi's artistic interest in lighting design blossomed in High School Theater when she worked closely with the technical director to design the lighting for the school plays. Since she was rather proficient in Math and Science she decided to major in Architectural Engineering. However, staying true to her artistic passion she specialized in the lighting/electrical option, focusing specifically on lighting design. Throughout her education she was exposed to the array of multifaceted computer software employed within the lighting design and construction industries. Her architectural engineering education culminated with a senior thesis that collaborated with the three other AE disciplines exploring BIM and IPD procedures in the construction industry. A large part of the thesis was exploring how Revit can be used as design software and how it dovetails with other lighting computer programs.

LIGHTING EXPERTISE

Using her tech savvy skills, Simi head's the HLB Day-Calc group (part of the Daylighting and Sustainable Design or "DSD" studio), which focuses on a variety of computer software used to calculate daylight such as Ecotect, Daysim, Diva, and Radiance. Simi is also a member of the Revit group, which aims to keep HLB ahead of the BIM and IPD curve, as well as arm the firm in taking on Revit projects while coordinating its design in 3D as technology advances. Simi has been working on a large variety of projects at HLB, ranging anywhere from small galleries to large corporate campuses and enjoys the challenge of working with the wide diversity of teams.

SELECT PROJECTS

Bay Harbor Island Bridge, Bay Harbor Island, FL | Bay Harbor Islands

NBP Finish Bridge, Sarasota, FL | Benderson Development Co., LLC

I-395 Bridge Competition, Miami, FL | AECOM

Manchester Bridge, Manchester, NH | Millyard Ventura Garage, LLC

Mark A. Mesiano, P.E.
Geotechnical Engineer

Mr. Mesiano has over 25 years of experience in the construction industry. He has extensive experience in program management in all phases of construction. His expertise includes Quality Assurance/Quality Control Manager and Threshold Inspector services for airports, highways, sports stadiums/arenas, power plants.

Education:

B.S. Civil Engineering, University of South Florida, 1990

Professional Registration:

Professional Engineer, Florida Registration No. 48202

Professional Engineer, Colorado, Registration No. 31593 (inactive)

Technical Certifications:

- Florida DOT Pre-stressed Concrete Inspector
- Radiation Safety Officer and Instructor, PSI, Inc.
- Structural Masonry Inspector, FL Concrete & Products Association (expired)
- Nuclear Gauge Training and Safety, Earthworks Instrumentation, Inc.
- Concrete Field Testing Technician - Level I, American Concrete Institute (expired)
- Certified Engineering Technician - Level II Soil, Concrete, Asphalt Testing, National Institute for Certification in Engineering Technologies (NICET) (inactive)

Select Projects:

- E470 Highway project in Colorado - Resident Project Manager\PE for all QC testing of Soils, Concrete & Asphalt for Segments I, II, and III (29 miles of 4 lane toll highway, with 30 bridge structures). Responsibilities included overall management for all field, laboratory, & administrative operations including managing field\laboratory technicians from a minority partner. Note: Project required a **fully equipped on-site laboratory** with Soils, Concrete & Asphalt testing capabilities (project utilized Superpave asphalt pavement mixes and an on-site laboratory equipped with gyratory compactor & nuclear ovens for asphalt content). The project won the following awards:
  - 1998 & 1999 National Asphalt Pavement Association – Quality in Construction Award for Segments II and III
  - 1998 Colorado Asphalt Pavement Association - Best in Colorado 120th Avenue to Parker Road (Segments I, II, and III)
  - 1999 American Concrete Pavement Association - Segments II and III Concrete Paving
- Tampa International Airport South Parking Garage - Project Manager for all materials testing for the new 6 level parking garage structure with 11 acre footprint, totaling approximately 66 acres of concrete parking deck. Responsible for supervising several resident full-time technicians and laboratory testing of soils and concrete.
- Tampa International Airport – Resident Inspector responsible for inspections and testing of Airside “F” Terminal Building, Airside “F” ATS, and Airside “F” Loading Bridge Caissons.
- Ft. Lauderdale Executive Airport: Taxiway "Alpha" Relocation – Project Manager for soil and concrete testing services.
- Miami International Airport Mover APM System – Concrete Testing Services.
- Palm Beach International Airport: Galaxy Hangar “H” – Project Engineer responsible for supervising resident building inspector and testing technicians.
- St. Lucie Airport Fire Station – Project Manager for soil & concrete testing.
- Jacksonville International Airport – Project Manager for soil & concrete testing (with onsite laboratory) at Taxiway Relocations for Concourse "C".
- Quality Control Manager: Experienced in revising and updating Quality Control Manuals and the set-up and accreditation of multiple laboratories for AASHTO\FDOT\USACOE\CMEC accreditations including initial and recertification inspections.

PAUL M. TENINTY
Geotechnical Technician

Mr. Teninty has over 20 years of construction materials testing, inspection and construction related experience. He is highly skilled in supervising all work, paperwork, equipment, etc. for field & laboratory technicians in regards to construction materials testing, laboratory testing, and inspection/monitoring projects. His expertise includes performing testing and laboratory work as needed, including compaction testing, various types of concrete testing, structural masonry inspections, auger cast piling inspections, vibrofloatation inspections, demucking inspections, earthwork monitoring, roof uplift testing, field withdrawal resistance testing, and various types of soil\concrete laboratory testing including grain size analysis, moisture density (proctor) tests, limerock bearing ratio (LBR) tests.

Professional Certifications:

- CTQP Earthwork Constr. Inspection – Level 1
- CTQP Concrete Field Technician – Level 1
- CTQP Qualified Sampler Technician
- CTQP Aggregate Base Testing Technician
- CTQP Concrete Lab Technician – Level 1
- CTQP LBR Technician
- ACI Aggregate Testing Technician – Level 1
- ACI Aggregate Base Testing Technician
- ACI Concrete Laboratory Testing Technician- Level 1
- ACI Concrete Strength Testing Technician
- ACI Concrete Field Testing Technician – Grade I
- Florida Structural Masonry Inspector
- Georgia Structural Masonry Inspector
- Georgia Erosion Control Inspector Level I B
- 40 Hour OSHA
- Nuclear Gauge Training
- Radiation Safety
- Nuclear Gauge Operation
- Nuclear Gauge Transport

Select Projects:

- Ft. Lauderdale International Airport Parking Garage – Piling Inspector for Driven/Auger-Cast/Drilled Shaft
- Broward Regional Park, Lauderhill, Florida – Soil Testing Technician, density testing for large park with amphitheater, playing fields, etc.
- Silver Falls at Miramar, Florida – Earthwork Inspector (full time) for 275 acres of site development
- Botanica, Jupiter, Florida – Resident Earthwork Inspector for 300-400 acres of site development
- Home Depot, various locations – Project Manager for testing and inspections
- Belk Department Store, various locations – Project Manager for testing and inspections
- CVS Pharmacy, various locations – Project Manager for testing and inspections

YVES-STANLEY DELMAS, PE

GEOTECHNICAL ENGINEER

EDUCATION:
Florida Atlantic Univ.
Bachelor of Science
Civil Engineering
2010

REGISTRATIONS:
State of Florida
PE #80352

EXPERIENCE: 8 YRS.

YRS AT H2R: 2

CERTIFICATIONS:
TIN D45297785

PAPERS WRITTEN:
D. Rancman, T. Nguyen, D. Hart, Y.S. Delmas. "Pile Group Effects and Soil Dilatancy at the Fort Lauderdale International Airport, Proceedings of the 2018 International Foundations Congress and Equipment Exposition (FCEE), Orlando, FL

Stan is responsible for the geotechnical design of civil projects, and the coordination of construction-phase services and inspections for a variety of projects. Stan's design and knowledge of both geotechnical and conventional testing field services result in a skill set that combines his knowledge of design intent and the importance of collecting quality field data. He is experienced in geotechnical construction projects where mix designs, and in-situ testing is critical to the project's success. In addition, he has significant laboratory experience.

TAMIAMI TRAIL 2.6-MILE BRIDGE, FL, MIAMI – DADE COUNTY, FL / FDOT D6

As part of the Comprehensive Everglades Restoration Plan (CERP), The Florida Department of Transportation and the National Park Service replaced a portion of the Tamiami Trail Road/U.S. Highway 41 with a new 2.6 mile-long bridge. H2R Corp is responsible to provide geotechnical support to the Construction, Engineering and Inspection team. Responsibilities include oversight of the team performing dynamic pile testing, and review of all geotechnical documents submitted by the design-build team to identify discrepancies and to ensure that the foundations are constructed according to the design plans and the Florida Department of Transportation's specifications.

DISTRICTWIDE GEOTECHNICAL AND MATERIALS TESTING PROJECTS - NASSAU, DUVAL & CLAY COUNTIES, FL / FDOT D2

Project Manager for the districtwide contract that includes soil exploration, geotechnical exploration testing, highway materials testing, construction materials testing, and foundation studies.

I-75 WIDENING PROJECTS - HILLSBOROUGH & PASCO COUNTIES, FL, FDOT D7.

As part of geotechnical engineering and Pile Driving services portion of the I-75 widening project, served as geotechnical engineering services for the CEI. In addition, provided dynamic pile testing services for the corridor which had fourteen bridges. The dynamic pile testing portion implemented the Pile Driving Analyzer (PDA) and the Embedded Data Collector (EDC).

PORT OF MIAMI TUNNEL, MIAMI – DADE COUNTY, FL / FDOT D6

Field engineer for a major construction project in Miami, Florida. The project is a 0.75-mile-long split portal automotive traffic tunnel connecting the MacArthur Causeway on Watson Island and the Port of Miami on Dodge Island, as well as road improvements around the port of Miami. Work on the project involved downhole camera and field permeability testing on the wall of the tunnel. The project also required unconfined strength on soil cement and a triaxial test on soil.

DYNAMIC PILE TESTING SERVICES, MIAMI – DADE COUNTY, FL / FDOT D6

Project Manager for this project that involved performing dynamic pile testing services for construction of the new express lanes on existing I-75 express lane bridge over the Homestead Extension of Florida's Turnpike. Responsible for monitoring the project at appropriate intervals based on the contractor's schedule. Our firm is responsible for monitoring the test piles and providing pile casting length and recommendations. We are developing the pile driving criteria based on subsequent analyses including WEAP/CAPWAP and PDIPILOT.

SR 826/SR 836 INTERCHANGE RECONSTRUCTION, MIAMI – DADE COUNTY, FL / FDOT D6

Field Inspector/Laboratory Technician responsible for construction engineering and inspection services related to foundation installation and testing efforts. This $550 million design-build project includes the replacement or new construction of more than 40 bridges and several miles of limited-access highway construction, along with the associated ramps, embankments, mechanically stabilized earth (MSE) walls, and other miscellaneous structures. Responsibilities also include oversight of the team performing dynamic pile testing, cross-hole sonic logging, embedded data collector testing, and pile integrity testing on foundation elements.

S.R. 821 WIDENING FROM N. OF SW 72ND TO N. OF SW 40TH ST. - MIAMI – DADE COUNTY, FL / FDOT FLORIDA'S TURNPIKE ENTERPRISE

Geotechnical Engineer for this project in design, including 18-inch prestressed-concrete piles and micro-piles along with MSE and sound walls. Vibration and settlement have created issues with shallow foundation supported bridges and certain nearby structures. Improvements include the widening of Homestead Extension of Florida's Turnpike to three general purpose lanes and two express lanes in each direction; replacing the mainline toll facilities with new all-electronic toll; constructing a new northbound, two-lane exit ramp to Bird Road; removing an old bridge and constructing a new bridge; converting a two-lane frontage road with controlled access; and milling and resurfacing the highway. Project Manager for this design-build project during construction phase, providing dynamic pile testing services, cross-hole sonic logging, vibration monitoring, pile driving inspection, noisewall foundation inspection, and drilled shaft inspection for tolling, signage, and miscellaneous structures.

BRIDGES OF THE ISLES & SUNRISE KEY BRIDGE REPLACEMENTS DESIGN-BUILD - FORT LAUDERDALE, FL / FDOT D4

Geotechnical Engineer responsible for the design of four new bridges and one bridge replacement to provide connectivity between the Urmi Isles finger islands, north of Las Olas Boulevard, with S.R. 842 on the mainland. Services included accelerated bridge design and construction in an environmentally sensitive area. The project also involved complex maintenance of traffic, temporary signalization, traffic control plans, extensive utility coordination, geotechnical design, public outreach, and coordination with multiple stakeholders. Also provided construction services oversight, including pile driving inspection, dynamic pile testing and vibration monitoring.

HEFT ALL ELECTRONIC TOLL COLLECTION PHASE 3 DESIGN-BUILD - MIAMI – DADE COUNTY, FL / FDOT FLORIDA'S TURNPIKE ENTERPRISE

Laboratory Technician/Field Inspector on a project that involved the conversion of the mainline and ramp toll plazas on the northern Homestead Extension of Florida's Turnpike (HEFT) to an all-electronic toll facility, including the conversion of tolls to SunPass/E-Pass. Inspector responsibilities involved modifications to mainline toll plazas and 16 ramp toll plazas, including demolition, grading, paving, maintenance of traffic, signing and pavement markings, intelligent transportation systems (ITS) preservation, lighting modifications, drainage modifications, toll plaza fiber-optic connections, toll equipment structure installation, and permitting. Services included field sampling and testing of soils and concrete, nuclear density testing of soils, casting of concrete cylinders, and performing crosshole sonic logging testing on selected drilled shafts.

DAN HART, PE

GEOTECHNICAL ENGINEER

EDUCATION:
Univ. of Florida
BS (1994) & MS (1996)
Civil /Geotechnical / Geotechnical Engineering
Western Governors Univ. MBA 2015

REGISTRATIONS:
FL PE #55438
NC PE #036467
LA PE #39327
VA PE #0402053500
DBIA Professional

EXPERIENCE: 23 YRS

YRS AT H2R: 2

PROFESSIONAL AFFILIATIONS:
Design-Build Institute of America
American Society of Civil Engineers

PUBLICATIONS:
D. Rancman, T. Nguyen, D. Hart, Y.S. Delmas. "Pile Group Effects and Soil Dilatancy at the Fort Lauderdale International Airport, Proceedings of the 2018 International Foundations Congress and Equipment Exposition (FCEE), Orlando, FL

T. Nguyen, D. Hart, & D. Rancman.
"Case Studies – Driving Concrete Piles in Florida Pinnacle Limestone"

In 1996, Dan started performing Dynamic Pile Testing and deep foundation engineering and design working for FDOT, seaports, airports, and for agencies such as the South Florida Water Management District. He has spent his twenty-year career primarily working on Florida infrastructure projects, with an emphasis on Design-Build project delivery. He applies his experience to forge successful partnerships with owners and contractors and has accumulated experiences on projects throughout the United States. His engineering responsibilities include providing geotechnical engineering analyses, supervising and overseeing subsurface investigations, performing geotechnical site reconnaissance, interpreting laboratory test results, performing load and integrity testing of deep foundations, preparing vibration and settlement plans, preparing soils and foundation engineering reports and geotechnical reports for a wide variety of transportation and infrastructure projects.

S.R. 80/S.R. 29 BRIDGES – HENDRY COUNTY, FL / FDOT D1

Geotechnical (CEI) Project Manager for construction engineering and inspection (CEI) services for this bridge construction project. Responsibilities included review and approval of contractor's pile installation plan and proposed equipment, supervision of on-site Embedded Data Collector testing, review of driving criteria and production pile length recommendations, and review of foundation installation records for conformance with developed criteria and specifications.

I-95 AT MILITARY TRAIL & PGA BLVD. – PALM BEACH COUNTY, FL / FDOT D4

Project Manager and Senior Geotechnical Engineer responsible for review of contractor's proposed construction means and methods, pile load testing, Embedded Data Collector testing, establishment of production pile lengths, and development of pile installation criteria for these value-engineered bridge replacements over a limited-access facility.

PALM BEACH INTERATIONAL AIRPORT INTERCHANGE AT I-95 – PALM BEACH COUNTY, FL / FDOT D4

Senior Geotechnical Engineer and Geotechnical Project CEI Manager responsible for providing on-call pile driving analysis services, including recommended pile driving criteria and pile lengths, on this construction engineering and inspection (CEI) contract. Also performed vibration monitoring, recommended vibration reduction methods, and gave foundation construction recommendations. Provided alternate installation techniques for temporary sheet piling and oversight of auger-cast piling for noise walls.

TE T – PALM BEACH COUNTY, FL / FDOT D4

Project Manager and Senior Geotechnical Engineer responsible for reviewing the contractor's proposed construction means and methods. Additional tasks on the project involve performing pile load testing, monitoring Embedded Data Collector testing, establishing recommended production pile lengths and driving criteria, and providing foundation certifications for this emergency bridge replacement over a navigable waterway due to a scour-critical condition. Our firm is a sub-consultant retained to perform construction engineering and inspection services for this project.

I-95 CORRIDOR HOV LANES, PALM BEACH COUNTY, FL, / FDOT D4

CEI Project Manager for geotechnical inspections and foundation testing. The project included improvements and widening of approximately 25 miles of I-95 within Palm Beach County, adding high-occupancy vehicle (HOV) lanes, improving interchanges, adding regular travel lanes, and providing bridge widening and replacements. As Geotechnical Project Manager for these construction engineering and inspection efforts, responsibilities included foundation testing and inspections; oversight of contractor quality control efforts; review and approval of construction means and methods of foundation construction; performance of field testing, including dynamic pile testing and foundation recommendations; review of value-engineering proposals; and oversight of on-site inspections, including drilled-shaft construction.

SR 80 FROM FLORIDA'S TURNPIKE TO US 441, PALM BEACH COUNTY, FL, / FDOT D4

Project Manager responsible for the post-construction evaluation of the asphalt pavement and construction materials as they related to acceptance of the roadway. Evaluations included laboratory test results, construction means and methods, and testing frequency of various roadway materials. Reference: Tony Grout, 561.718.4580, Project Start and End Date: 2009, Length of Corridor: 2.6 miles

AREAWIDE GEOTECHNICAL AND MATERIALS TESTING AND VERIFICATION, COUNTIES OF MIAMI-DADE, BROWARD, PALM BEACH, INDIAN RIVER, MARTIN, AND ST. LUCIE, FL / FDOT D4, FDOT D6.

Project Manager responsible for oversight of field performance of construction materials testing and asphalt plant inspectors. Also responsible for overall performance of the team on this contract, including client satisfaction, invoicing, and subconsultant management and coordination.

SR 826/SR 836 INTERCHANGE RECONSTRUCTION – MIAMI-DADE COUNTY, FL / FDOT D6

Project Manager and Senior Geotechnical Engineer responsible for construction engineering and inspection services related to foundation installation and testing efforts. This $550 million design-build project includes the replacement or new construction of more than 40 bridges and several miles of limited-access highway construction, along with the associated ramps, embankments, mechanically stabilized earth (MSE) walls, and other miscellaneous structures. Responsibilities also include oversight of the team performing dynamic pile testing, cross-hole sonic logging, embedded data collector testing, and pile integrity testing on foundation elements. Length of Corridor: 8 miles

HEFT ALL-ELECTRONIC TOLLING PHASES 1 & 2 – MIAMI – DADE COUNTY, FL / FDOT, FLORIDA'S TURNPIKE ENTERPRISE

Project Manager responsible for existing asphalt condition survey, pavement evaluation services, geotechnical field exploration, foundation installation inspections, pile load tests, and foundation certification packages. This design-build project consisted of improvements along 20+ miles of this limited-access highway and conversion of the Homestead Extension of Florida's Turnpike (HEFT) into a cashless toll-collection facility in Miami-Dade County.

pompano beach
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Design and Consulting Services
for Five Bridges within City Limits RFQ E-16-18

Tab 8
References & Prior Work for City

Kimley»Horn
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References for Kimley-Horn's 3 most recent structural design projects in the tri-county area:

Kimley-Horn References

Atlantic Boulevard Bascule Bridge Improvements

City of Pompano Beach

Kimley-Horn is currently serving the City of Pompano with CSA Architects and Burkhardt Construction to incorporate safety and aesthetic improvements to this 400-foot bascule bridge over the Intracoastal Waterway. Kimley-Horn designed a replacement traffic railing to improve safety and aesthetics as well as an under-bridge walkway to improve pedestrian access to the water. Kimley-Horn obtained all permits for the project through coordination with FDOT, USACE, FDEP, the City, and SFWMD. This project will create a signature feature the City's Beach district.

Cost: $1.5M (Phase 1); Construction ongoing
Reference: Horacio Danovich, RMA, Dir. of Engineering Services, City of Pompano Beach, horacio.danovich@copbfl.com, (954) 786-7834,

Flagler Memorial Bascule Bridge Replacement Design-Build Criteria Package, Post Design and Construction Phase Services

FDOT District Four, West Palm Beach

Kimley-Horn developed design-build criteria package for replacement of the existing four-lane bascule bridge across the Intracoastal Waterway and subsequently provided post-design services during construction. Our team designed the approach roadways, drainage systems, and construction phasing traffic control plans to 90% and included concept development of signing/marking, signalization, lighting, structures and landscape plans. The scope also included extensive public involvement, permitting, and utility coordination efforts. The new bridge is 1,800 feet long (made shorter using retaining walls at one end) and touches down at a new signalized intersection with Flagler

Drive. The new bridge includes special traffic barriers, decorative pedestrian railings and light poles, and customized architectural and landscape features.

Construction Cost: $90M Post-Design Services; *Completed:* June 2018
Reference: James Hughes, P.E., FDOT Project Manager, james.hughes@dot.state.fl.us, (850) 414-4100

Turnpike Widening Design from Boynton Beach to Lake Worth (including 4 bridge replacements and a canal crossing)

Florida's Turnpike Enterprise

Kimley-Horn just submitted 100% design and construction plans for the widening to 10 lanes of a 6.5-mile section of Florida's Turnpike between Boynton Beach and Lake Worth. The improvements include 4 bridge replacements and the relocation of 2,500 feet of the Lake Worth Drainage District canal, right-of-way acquisition, new toll plaza buildings, overhead signage, pavement markings, signalization, lighting, landscaping, ITS plans for relocating SunNav fiber optic facilities, utility coordination, sound barrier wall design, and complex traffic control analyses and plans.

Construction Cost: $176M; *Completed:* October 2018 (100% Design Plans Submitted)
Reference: Andrew Healy, P.E., FDOT Project Manager, andy.healy@dot.state.fl.us, (407) 264-3401

List of Projects Performed for the City of Pompano Beach

Kimley-Horn

- Atlantic Boulevard Bridge Improvements and Streetscape
- Pompano Beach Continuing Contract for Transportation Engineering Services for Various City Projects
- Pompano Beach Continuing Engineering and Consulting for Municipal Air Park, including:
  - Relocation of Taxiway Kilo and Construction Phase Services
  - Runway 15-33 Rehabilitation and Construction Phase Services
  - Air Park Wildlife Assessment Study
- Pompano Beach East Transit Oriented Corridor (ETOC) Transportation Analysis
- Lyons Park Sanitary Sewer Rehabilitation
- Pompano Beach Complete Streets
- Pompano Downtown and Martin Luther King Blvd.
- North East Force Main Installation
- Standby Diesel Engine Drive for High-Service Pump #6

Currie Sowards Aguila Architects

- Atlantic Boulevard Bridge Improvements and Streetscape
- Pompano Beach Fire Rescue Station 11
- Pompano Beach Fire Rescue Station 103
- Pompano Beach Fire Rescue Station 24
- Pompano Beach Pier Garage

Keith and Associates

- Keith and Associates has completed **over 150 projects** for the City of Pompano Beach.

H2R Corp

- H2R does not have any prior work history with the city of Pompano Beach.

HLB Lighting

- HLB Lighting does not have any past work with the City of Pompano Beach.

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Tab 9
Office Locations

Kimley»Horn
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Office Locations

Kimley-Horn's prime office is located in West Palm Beach, less than an hour away from the City's offices. Your project manager, **Matthew Fursetzer, P.E.,** will lead all engineering services for these bridge projects from this location. Our prime office is currently home to 132 employees. Team members selected for this effort work from this local office, as well as from our office in Plantation. Additional Kimley-Horn employees may be called upon to support the project if necessary; **Kimley-Horn has more than 750 employees across the state ready to assist the City as-needed.**

Kimley-Horn Prime Office Location – *Federal ID Number: 56-0885615*

- **Office Location:** 1920 Wekiva Way, Suite 200, West Palm Beach, FL
  - **Number of professional staff:** 132 (67 licensed professionals)
  - **Number of administrative staff:** 30

Kimley-Horn Support Office Location

- **Office Location:** 600 North Pine Island Road, Suite 450, Plantation, FL 33324
  - **Number of professional staff:** 64 (44 licensed professionals)
  - **Number of administrative staff:** 4

Currie Sowards Aguila Architects – *Federal ID Number: 65-0350931*

- **Office Location:** 185 NE 4th Avenue, Suite 101, Delray Beach, FL 33483
  - **Number of professional staff:** 10
  - **Number of administrative staff:** 2

HLB Lighting Design – *Federal ID Number: 13-2671278*

- **Office Location:** 3250 NE 1st Avenue, Suite 305, Miami, FL 33137
  - **Number of professional staff:** 5
  - **Number of administrative staff:** 0

Keith and Associates, Inc. – *Federal ID Number: 65-0806421*

- **Office Location:** 301 East Atlantic Boulevard, Pompano Beach, FL 33060
  - **Number of professional staff:** 121
  - **Number of administrative staff:** 14

Florida Engineering & Testing, Inc. – *Federal ID Number: 65-0488860*

- **Office Location:** 250 SW 13th Avenue, Pompano Beach, Florida 33069
  - **Number of professional staff:** 9 (3 licensed professionals)
  - **Number of administrative staff:** 3

H2R Corp – *Federal ID Number: 81-2654817*

- **Office Location:** 1900 NW 40th Court, Pompano Beach, FL 33064
  - **Number of professional staff:** 5
  - **Number of administrative staff:** 12

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Tab 10
Minority Business Enterprise

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BIDDERS ARE TO COMPLETE FORM AND UPLOAD COMPLETED FORM TO THE EBID SYSTEM

EXHIBIT I

MINORITY BUSINESS ENTERPRISE PARTICIPATION

RLI #E-16-18

List all members of your team that are a certified Minority Business Enterprise (as defined by the State of Florida.) You must include copies of the MBE certificates for each firm listed with your electronic submittal.

Name of Firm	Certificate Included?
Florida Testing & Engineering, Inc.	yes

State of Florida

Woman & Minority Business Certification

Florida Engineering & Testing, Inc.

Is certified under the provisions of
287 and 295.187, Florida Statutes, for a period from:

12/22/2017 to 12/22/2019

Erin Rock, Secretary
Florida Department of Management Services

office of supplier DIVERSITY

Office of Supplier Diversity • 4050 Esplanade Way, Suite 380 • Tallahassee, FL 32399 • 850-487-0915 • www.dms.myflorida.com/osd

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Tab 11
Litigation

Kimley»Horn
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Litigation

Kimley-Horn and its subsidiaries have provided services in all 50 states and numerous countries. Because of the many and varied projects we have completed, we are subject to various legal proceedings from time to time and in the ordinary course of business. In the past five years, Kimley-Horn has had more than 54,500 active projects across, of which 48 had some form of litigation filed. Of those cases, 15 were dismissed, 26 were settled, and 7 are pending. These cases represent 0.088% of all the projects Kimley-Horn worked on in the past five years.

None of the pending matters, if decided against Kimley-Horn, would have a material impact on our financial statements or impair in any way our ability to serve our clients. Generally, these matters are covered by insurance, and we consider them to be without merit. Settlements related to claims are bound by confidentiality agreements so we cannot release information on them. **From time to time, Kimley-Horn will file a lawsuit against a client for unpaid fees. *We do not track these cases.*** If you would like to discuss our legal matters in more detail, please contact Kimley-Horn's General Counsel, Richard Cook, at 919.677.2058.

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Tab 12
City Forms

Kimley»Horn
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COMPLETE THE ESSENTIAL REQUIREMENTS QUESTIONNAIRE ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRITY AND INCLUDE THE COMPLETED FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB FOR THE RFQ IN THE EBID SYSTEM.

ESSENTIAL REQUIREMENTS QUESTIONNAIRE

1. Qualifier possesses a valid and current Florida Contractor's license for the project or projects for which it intends to submit a proposal.

____Yes ____No N/A - However, we do possess all valid professional licenses needed for this project.

2. Qualifier has or will obtain a general liability insurance policy with a policy limit of at least $ 1,000,000 per occurrence and $ 2,000,000 aggregate.

__X__Yes ____No

3. Qualifier has current workers' compensation insurance policy.

__X__Yes ____No

Qualifier is exempt from this requirement, because it has no employees

a) A "no" answer to Question 4 will not be disqualifying if the Qualifier is exempt from complying with Question 4, for reasons explained in footnote 3.

b) A Qualifier disqualified solely because of a "Yes" answer given to question 6, 7, or 9 may appeal the disqualification and provide an explanation of the relevant circumstances during the appeal procedure.

c) Public Entity may request an additional notarized statement from the surety at the time of submission of a proposal, if this pre-qualification package is submitted more than 60 days prior to submission of a proposal.

4. Have you attached your latest copy of a reviewed or audited financial statement with accompanying notes and supplemental information?

__X__Yes ____No

NOTE: A financial statement that is not reviewed or audited is not acceptable. A letter verifying availability of a line of credit may also be attached; however, it will be considered as supplemental information only, and is not a substitute for the required financial statement.

5. Have you attached a notarized statement from an admitted surety insurer (approved by the Florida Department of Insurance) and authorized to issue bonds in the State of Florida, which states: (a) that your current bonding capacity is sufficient for the project for which you seek pre-qualification if you are seeking pre-qualification for the Project?

____Yes ____No N/A

NOTE: Notarized statement must be from the surety company, not an agent or broker.

6. Has your contractor's license been revoked at any time in the last five years?

____Yes ____No N/A

7. Has a surety firm completed a contract on your behalf, or paid for completion because your firm was default terminated by the project owner within the last five (5) years?

____Yes ____No N/A

8. At the time of submitting this pre-qualification form, is your firm ineligible to bid on or be awarded a public works contract, or perform as a subcontractor on a public works contract?

____Yes __X__No

If the answer is "Yes," state the beginning and ending dates of the period of debarment:

_____

9. At any time during the last five years, has your firm, or any of its owners or officers, been convicted of a crime involving the awarding of a contract for a government construction project, or the bidding or performance of a government contract?

____Yes __X__No

(THE REMAINDER OF THIS PAGE HAS BEEN LEFT BLANK INTENTIONALLY

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

ORGANIZATION, HISTORY, ORGANIZATIONAL PERFORMANCE, COMPLIANCE WITH CIVIL AND CRIMINAL LAWS

A. Current Organization and Structure of the Business

For Firms That Are Corporations:

1a. Date Incorporated: 1967

1b. Under the laws of what state: North Carolina

1c. Provide all the following information for each person who is either (a) an officer of the corporation (president, vice president, secretary, and treasurer), or (b) the owner of at least ten per cent of the corporation's stock.

Name: See attached

Position: _____

Years with Company: _____

% Ownership: _____

Social Security #: _____

1d. Identify every construction firm that any person listed above has been associated with (as owner, general partner, limited partner or officer) at any time during the last five years.

NOTE: For this question, "owner" and "partner" refer to ownership of ten percent or more of the business, or 10 percent or more of its stock, if the business is a corporation.

Person's Name: N/A

Construction Firm: _____

Dates of Person's Participation with Firm: _____

For Firms That Are Partnerships:

1a. Date of formation: N/A

1b. Under the laws of what state: _____

1c. Provide all the following information for each partner who owns 10 per cent or more of the firm.

Name: _____

Position: _____

Kimley-Horn and Associates, Inc. Principal Officers and Directors

PRINCIPAL OFFICERS:

Names/Titles (years of experience)	Business Address	Phone Number
John C. Atz, Chairman (30)	1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411	561-845-0665
Steven E. Lefton, CEO, President (21)	11400 Commerce Park Drive, Suite 400, Reston, VA 20191	703-674-1300
Richard N. Cook, Senior Vice President, Secretary (22)	421 Fayetteville Street, Suite 600, Raleigh, NC 27601	919-677-2000
Tammy L. Flanagan, CFO, Vice President (11)	421 Fayetteville Street, Suite 600, Raleigh, NC 27601	919-677-2000
David L. McEntee, Vice President, Treasurer, Assistant Secretary (20)	421 Fayetteville Street, Suite 600, Raleigh, NC 27601	919-677-2000

DIRECTORS:

Names	Business Address	Phone Number
John C. Atz, Chairman	1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411	919-677-2000
Barry L. Barber, Executive Vice President	421 Fayetteville Street, Suite 600, Raleigh, NC 27601	919-677-2000
Stephen W. Blakley, Senior Vice President	200 South Tryon Street, Suite 200, Charlotte, NC 28202	704-333-5131
Paul B. Danielson, Senior Vice President	2550 University Avenue West, Suite 238N, St. Paul, MN 55114	651-645-4197
James R. Hall, Senior Vice President	13455 Noel Road, Suite 700, Dallas, TX 75240	972-239-3820
Nicole M. Kerry, Senior Vice President	660 South Figueroa Street, Suite 2050, Los Angeles, CA 90017	213-261-4040
Steven E. Lefton, CEO, President	11400 Commerce Park Drive, Suite 400, Reston, VA 20191	703-674-1300
Emmeline F. Montanye, Senior Vice President	817 West Peachtree Street, NW, Suite 601, Atlanta, GA 30308	404-419-8700
Terence T. Murphy, Executive Vice President	11400 Commerce Park Drive, Suite 400, Reston, VA 20191	703-674-1300
Brooks H. Peed, Chairman Emeritus	445 24th Street, Suite 200, Vero Beach, FL 32960	772-794-4100
Michael G. Schiller, Executive Vice President	7740 N 16th Street, Suite 300, Phoenix, AZ 85020	602-944-5500
Christopher A. Squires, Senior Vice President	555 Capitol Mall, Suite 300, Sacramento, CA 95814	916-858-5800
G. Bradbury Tribble, Senior Vice President	2201 West Royal Lane, Suite 275, Irving, TX 75063	214-420-5600

Ownership: Kimley-Horn and Associates, Inc. is wholly owned by Associates Group Services, Inc., which is wholly owned by APHC, Inc., which is owned by over 400 Kimley-Horn employees, none of which own 5% or more of the outstanding shares.

Years with Company: _____

% Ownership:_____

Social Security #: _____

1d. Identify every construction company that any partner has been associated with (as owner, general partner, limited partner or officer) at any time during the last five years.

NOTE: For this question, "owner" and "partner" refer to ownership of ten per cent or more of the business, or ten per cent or more of its stock, if the business is a corporation.

Person's Name: _____

Construction Firm: _____

Dates of Person's Participation with Firm: _____

For Firms That Are Sole Proprietorships:

1a. Date of commencement of business.

1b. Social security number of company owner.

1c. Identify every construction firm that the business owner has been associated with (as owner, general partner, limited partner or officer) at any time during the last five years.

NOTE: For this question, "owner" and "partner" refer to ownership of ten per cent or more of the business, or ten per cent or more of its stock, if the business is a corporation.

Person's Name: N/A

Construction Firm: _____

Dates of Person's Participation with Firm: _____

For Firms That Intend to Make a Bid as Part of a Joint Venture:

1a. Date of commencement of joint venture.

1b. Provide all of the following information for each firm that is a member of the joint venture that expects to bid on one or more projects:

Name of firm: N/A

% Ownership of Joint Venture: _____

B. History of the Business and Organizational Performance

1. Has there been any change in ownership of the firm at any time during the last three years?

NOTE: A corporation whose shares are publicly traded is not required to answer this question.

____Yes X___No

If “yes,” explain on a separate signed page.

2. Is the firm a subsidiary, parent, holding company or affiliate of another construction firm?

NOTE: Include information about other firms if one firm owns 50 percent or more of another, or if an owner, partner, or officer of your firm holds a similar position in another firm.

____Yes X___No

If “yes,” explain on a separate signed page.

3. Are any corporate officers, partners or owners connected to any other construction firms?

NOTE: Include information about other firms if an owner, partner, or officer of your firm holds a similar position in another firm.

____Yes X No

If “yes,” explain on a separate signed page.

4. State your firm’s gross revenues for each of the last three calendar years:

2017 $806,428,121 2016 $720,768,975 2015 $626,353,635

5. How many years has your organization been in business in Florida as a ~~contractor~~ engineering consultant under your present business name and license number? 50 years

6. Is your firm currently the debtor in a bankruptcy case?

____Yes X___No

If “yes,” please attach a copy of the bankruptcy petition, showing the case number, and the date on which the petition was filed.

7. Was your firm in bankruptcy at any time during the last five years? (This question refers only to a bankruptcy action that was not described in answer to question 7, above)

____Yes X___No

If “yes,” please attach a copy of the bankruptcy petition, showing the case number and the date on which the petition was filed, and a copy of the Bankruptcy Court’s discharge order, or of any other document that ended the case, if no discharge order was issued.

C. Licenses

1. List all Florida construction license numbers, classifications and expiration dates of the Florida contractor licenses held by your firm:

N/A - see attached for professional services license information

2. If any of your firm’s license(s) are held in the name of a corporation or partnership, list below the names of the qualifying individual(s) listed on the Contractors State Licensing Board (CSLB) records who meet(s) the experience and examination requirements for each license.

N/A

3. Has your firm changed names or license number in the past five years?

____Yes X___No

If “yes,” explain on a separate signed page, including the reason for the change.

4. Has any owner, partner or (for corporations) officer of your firm operated a construction firm under any other name in the last five years?

____Yes X___No

If “yes,” explain on a separate signed page, including the reason for the change.

5. Has a State of Florida license(s) held by your firm been suspended within the last five years?

____Yes X___No

If "yes," please explain on a separate signed sheet.

D. Disputes

1. At any time in the last five years has your firm been assessed and paid liquidated damages after completion of a project under a construction contract with either a public or private owner?

____Yes ____No N/A

If yes, explain on a separate signed page, identifying all such projects by owner, owner's address, and the date of completion of the project, amount of liquidated damages assessed and all other information necessary to fully explain the assessment of liquidated damages.

2. In the last five years has your firm, or any firm with which any of your company's owners, officers or partners was associated, been debarred, disqualified, removed or otherwise prevented from bidding on, or completing, any government agency or public works project for any reason?

NOTE: "Associated with" refers to another construction firm in which an owner, partner or officer of your firm held a similar position, and which is listed in response to question 1c or 1d on this form.

____Yes X___No

If "yes," explain on a separate signed page. State whether the firm involved was the firm applying for pre-qualification here or another firm. Identify by name of the company, the name of the person within your firm who was associated with that company, the year of the event, the owner of the project, the project and the basis for the action.

3. In the last five years has your firm been denied an award of a public works contract based on a finding by a public agency that your company was not a responsible bidder?

____Yes X___No

If "yes," explain on a separate signed page. Identify the year of the event, the owner, the project and the basis for the finding by the public agency.

NOTE: The following two questions refer only to disputes between your firm and the owner of a project. You need not include information about disputes between your firm and a supplier, another contractor, or subcontractor.

4. In the past five years has any claim against your firm concerning your firm's work on a construction project been filed in court or arbitration?

____Yes X___No

If "yes," on separate signed sheets of paper identify the claim(s) by providing the project name, date of the claim, name of the claimant, a brief description of the nature of the claim, the court in which the case was filed and a brief description of the status of the claim (pending or, if resolved, a brief description of the resolution).

5. In the past five years has your firm made any claim against a project owner concerning work on a project or payment for a contract and filed that claim in court or arbitration?

____Yes X___No

If "yes," on separate signed sheets of paper identify the claim by providing the project name, date of the claim, name of the entity (or entities) against whom the claim was filed, a brief description of the nature of the claim, the court in which the case was filed and a brief description of the status of the claim (pending, or if resolved, a brief description of the resolution).

6. At any time during the past five years, has any surety company made any payments on your firm's behalf as a result of a default, to satisfy any claims made against a performance or payment bond issued on your firm's behalf, in connection with a construction project, either public or private?

____Yes ____No N/A

If "yes," explain on a separate signed page the amount of each such claim, the name and telephone number of the claimant, the date of the claim, the grounds for the claim, the present status of the claim, the date of resolution of such claim if resolved, the method by which such was resolved if resolved, the nature of the resolution and the amount, if any, at which the claim was resolved.

7. In the last five years has any insurance carrier, for any form of insurance, refused to renew the insurance policy for your firm?

____Yes X___No

If "yes," explain on a separate signed page. Name the insurance carrier, the form of insurance and the year of the refusal.

E. Criminal Matters and Related Civil Suits

1. Has your firm or any of its owners, officers or partners ever been found liable in a civil suit or found guilty in a criminal action for making any false claim or material misrepresentation to any public agency or entity?

____Yes X___No

If "yes," explain on a separate signed page, including identifying who was involved, the name of the public agency, the date of the investigation and the grounds for the finding.

2. Has your firm or any of its owners, officers or partners ever been convicted of a crime involving any federal, state, or local law related to construction?

____Yes X___No

If "yes," explain on a separate signed page, including identifying who was involved, the name of the public agency, the date of the conviction and the grounds for the conviction.

3. Has your firm or any of its owners, officers or partners ever been convicted of a federal or state crime of fraud, theft, or any other act of dishonesty?

____Yes X___No

If "yes," identify on a separate signed page the person or persons convicted, the court (the City if a state court, the district or location of the federal court), the year and the criminal conduct.

F. Bonding N/A

1. Bonding capacity: Provide documentation from your surety identifying the following:

Name of bonding company/surety: _____

Name of surety agent, address and telephone number:_____

_____

2. If your firm was required to pay a premium of more than one percent for a performance and payment bond on any project(s) on which your firm worked at any time during the last three years, state the percentage that your firm was required to pay. You may provide an explanation for a percentage rate higher than one percent, if you wish to do so.

N/A

_____

_____

_____

3. List all other sureties (name and full address) that have written bonds for your firm during the last five years, including the dates during which each wrote the bonds:

N/A

4. During the last five years, has your firm ever been denied bond coverage by a surety company, or has there ever been a period of time when your firm had no surety bond in place during a public construction project when one was required?

____Yes ____No N/A

If yes, provide details on a separate signed sheet indicating the date when your firm was denied coverage and the name of the company or companies, which denied coverage; and the period during which you had no surety bond in place.

G. Compliance with Occupational Safety and Health Laws and with Other Labor Legislation Safety

1. Has the Occupational Safety and Health Administration (OSHA) cited and assessed penalties against your firm for any "serious," "willful" or "repeat" violations of its safety or health regulations in the past five years?

NOTE: If you have filed an appeal of a citation, and the Occupational Safety and Health Appeals Board has not yet ruled on your appeal, you need not include information about it.

____Yes X___No

If "yes," attach a separate signed page describing the citations, including information about the dates of the citations, the nature of the violation, the project on which the citation(s) was or were issued, the amount of penalty paid, if any. If the citation was appealed to the Occupational Safety and Health Appeals Board and a decision has been issued, state the case number and the date of the decision.

2. Has the federal Occupational Safety and Health Administration cited and assessed penalties against your firm in the past five years?

NOTE: If you have filed an appeal of a citation and the Appeals Board has not yet ruled on your appeal, or if there is a court appeal pending, you need not include information about the citation.

____Yes X___No

If "yes," attach a separate signed page describing each citation.

3. Has the state or federal Environmental Protection Agency (EPA) or any Air Quality Management District or any Regional Water Quality Control Board cited and assessed penalties against either your firm or the owner of a project on which your firm was the contractor, in the past five years?

NOTE: If you have filed an appeal of a citation and the Appeals Board has not yet ruled on your appeal, or if there is a court appeal pending, you need not include information about the citation.

____Yes ____No N/A

If "yes," attach a separate signed page describing each citation.

4. How often do you require documented safety meetings to be held for construction employees and field supervisors during the course of a project?

N/A

5. Within the last five years has there ever been a period when your firm had employees but was without workers' compensation insurance or state-approved self-insurance?

____Yes X___No

If "yes," please explain the reason for the absence of workers' compensation insurance on a separate signed page. If "No," please provide a statement by your current workers' compensation insurance carrier that verifies periods of workers' compensation insurance coverage for the last five years. (If your firm has been in the construction business for less than five years, provide a statement by your workers' compensation insurance carrier verifying continuous workers' compensation insurance coverage for the period that your firm has been in the construction business).

H. Prevailing Wage and Apprenticeship Compliance Record

1. Has there been more than one occasion during the last five years in which your firm was required to pay either back wages or penalties for your own firm's failure to comply with the state's prevailing wage laws?

NOTE: This question refers only to your own firm's violation of prevailing wage laws, not to violations of the prevailing wage laws by a subcontractor.

____Yes X___No

If "yes," attach a separate signed page or pages, describing the nature of each violation, identifying the name of the project, the date of its completion, the public agency for which it was constructed; the number of employees who were initially underpaid and the amount of back wages and penalties that you were required to pay.

SURETY AND BONDING REQUIREMENTS

A. Attach a notarized statement from the bonding company your firm proposes to use indicating their commitment to provide a Performance and Payment Bond for the full amount of the contract. N/A

B. List the names of the Bonding firms utilized by your organization in the last five (5) years, for projects over $3,000,000. N/A

Name of Bonding Company No. 1

_____

Address: _____

Telephone:

Contact Name: _____ _____

Project Name: _____

Amount Bonded: _____ % _____

Completed _____

Name of Bonding Company No. 2

_____

Address: _____

Telephone:

Contact Name: _____

Project Name: _____

Amount Bonded: _____ % _____

Completed _____

_____

INSURANCE REQUIREMENTS

Each policy of insurance carried by the successful bidder for this project shall be issued by an insurance company licensed to do business in the State of Florida with a rating of "A" or better and a financial size category of "V" or better according to the latest edition of "Bests".

A. Attach a notarized statement from the Worker's Compensation carrier specifying organization's current Experience Modification rating for Worker's Compensation in the State of Florida. see attached

B. List the names of the insurance firms utilized by your organization in the last five (5) years, for projects over $3,000,000. see attached statement

Name of Insurance Company No. 1
See attached Proof of Insurance

Address: _____

Contact Name: _____ Telephone _____

Project Name: _____

Amount Bonded: _____ % _____

Completed _____

Name of Insurance Company No. 2

_____

Address: _____

Contact Name: _____ Telephone: _____

Project Name: _____

Amount Bonded: _____ % _____

Completed _____

Failure to provide all these attachments may be cause for disqualification for this project.

Attachment 1 – Certificate of Accountant Attachment 1A General Statement of Bank Credit
Attachment 2 – Notarized Statement from Bonding Company N/A
Attachment 3 – Notarized Statement from Worker's Compensation Insurance Carrier
Attachment 4 – Current Copy of Organization's Florida Contractor's License(s)
Attachment 5 – Certification declaring that the applying Organization has not had a surety company finish work on any project within the last five (5) years. N/A
Attachment 6 – Certification declaring that the applying Organization, in the last five (5) years has not been found by a judge, arbitrator, jury, or a nolo contendere plea to have submitted a false or fraudulent claim to a public agency
Attachment 7 – Certification declaring that the applying Organization has not been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local government project because of violations of law or a safety regulation, pursuant to Public Contract Code section 10162

DECLARATION

1. Acknowledgement and Release. By signature and date on this page, prospective bidder authorizes any financial institution, credit reporting agency and/or service, legal firm or any other type of business, agency or individual named within this document to release to the City (or City's designated representative) any and all information as that information relates, or could relate, to their ability to evaluate the background, stability and general worthiness of this bidder to perform current or future construction activities if Pre-Qualified and awarded a contract by the City.

a. A photocopy of this page shall be deemed as valid as an original document.

b. This Acknowledgement and Release shall remain in effect until such time as the bidder, in writing, requests that the City cease any attempt to evaluate himself/herself/themselves as potential Pre-Qualified bidder for construction work on City of Pompano Beach properties.

c. Reserved Right. The City reserves the right, for the sole purpose of evaluating a potential Pre-Qualification candidate (bidder), to make other inquiries as permitted by law. Furthermore, the City reserves the right to reject any or all Pre-qualification applications.

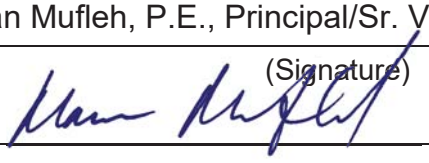
AFFIDAVIT

I, the undersigned, certify and declare that I have read all the foregoing answers to this prequalification questionnaire and know their contents. The matters stated in the questionnaire answers are true of my own knowledge and belief, except as to those matters stated on information and belief, and as to those matters I believe them to be true. I declare under penalty of perjury under the laws of the State of Florida, that the foregoing is correct.

Dated: 10/25/2018

Marwan Mufleh, P.E., Principal/Sr. Vice President

(Signature)



Additional Requested Information

1. Certificate of Accountant - General Statement of Bank Credit

A statement from our bank and information regarding Kimley-Horn's creditworthiness is included on the financial tab of this submittal.

2. Notarized Statement from Worker's Compensation Insurance Carrier

See the following pages.

3. Current Copy of Our Team's Florida Licenses

Copies of current professional engineering, landscape architecture, architecture and geotechnical licenses are included on the following pages.

4. Certification declaring that the applying Organization has not had a surety company finish work on any project within the last five (5) years.

N/A

5. Certification declaring that the applying Organization, in the last five (5) years has not been found by a judge, arbitrator, jury, or a nolo contendere plea to have submitted a false or fraudulent claim to a public agency

Kimley-Horn certifies that in the last five (5) years the firm has not been found by a judge, arbitrator, jury, or a nolo contendere plea to have submitted a false or fraudulent claim to a public agency.

6. Certification declaring that the applying Organization has not been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local government project because of violations of law, negligence or a safety regulation, pursuant to Public Contract Code section 10162

Kimley-Horn certifies it has not been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local government project because of violations of law, negligence or a safety regulation, pursuant to Public Contract Code section 10162.

Marwan Mufleh, P.E., Principal/Sr. Vice President

October 25, 2018

GREYLING
INSURANCE BROKERAGE I RISK CONSULTING
a division of EPIC

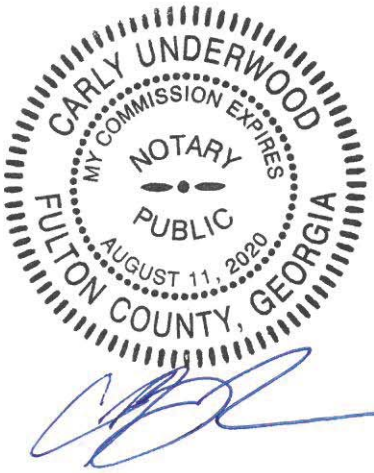
July 16, 2018

Re: Kimley-Horn and Associates, Inc. Workers Compensation Experience Modification Rating

To whom it may concern:

The following is the current interstate experience modification factor (EMR) for Kimley-Horn and Associates, Inc. reported by NCCI:

Policy Year	EMR
4/1/18 to 4/1/19	.54



Please call me at (770) 552-4225 if you have any questions concerning this information.

Sincerely,

Dave Collings

David H. Collings, Partner
Greyling Insurance Brokerage
(Insurance broker for Kimley-Horn and Associates, Inc.)

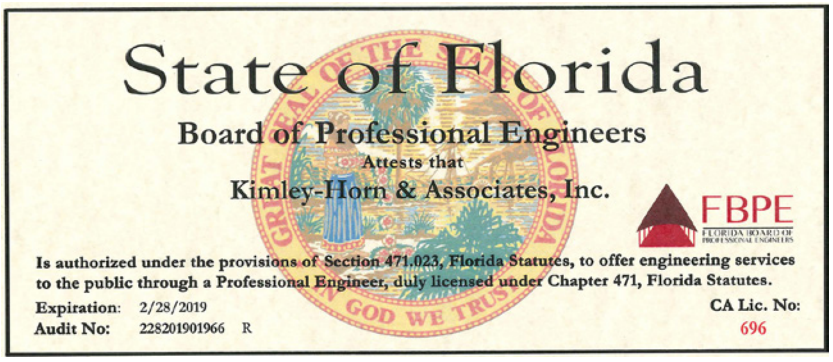
INSURANCE REQUIREMENTS Form

Part B.

Due to the size of our firm and the large number of projects over $3,000,000 that have been insured in the last five years, we have summarized the information regarding our insurance carriers during this time in the table below. Should you require more detailed project information, please contact us.

Year	Line of Coverage					
	Professional Liability	General Liability	Business Auto	Workers Compensation	Umbrella Liability	Property
4/1/18 – 4/1/19	Lloyds of London	AIG	AIG	AIG	Aspen	Zurich
4/1/17 – 4/1/18	Lloyds of London	AIG	AIG	AIG	Aspen	Zurich
4/1/16 – 4/1/17	Lloyds of London	AIG	AIG	AIG	AIG	Zurich
4/1/15 – 4/1/16	Lloyds of London	AIG	AIG	AIG	AIG	Zurich
4/1/14 – 4/1/15	Lloyds of London	AIG	AIG	AIG	AIG	Zurich

KIMLEY-HORN



State of Florida

Board of Professional Engineers

Attests that

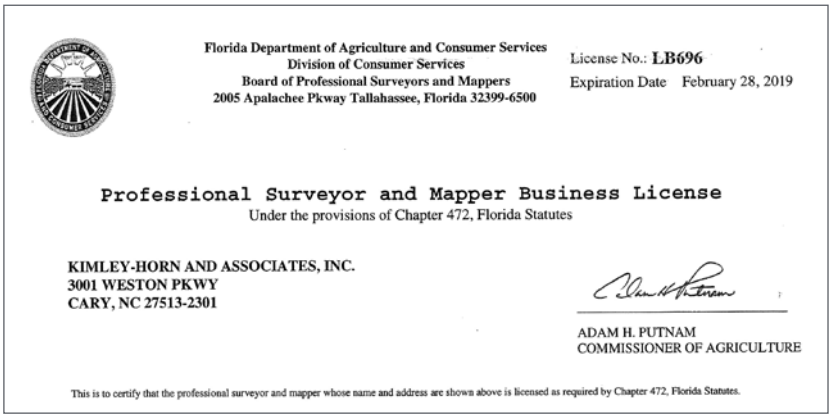
Kimley-Horn & Associates, Inc.

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

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

Expiration: 2/28/2019
Audit No: 228201901966 R

CA Lic. No:
696



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

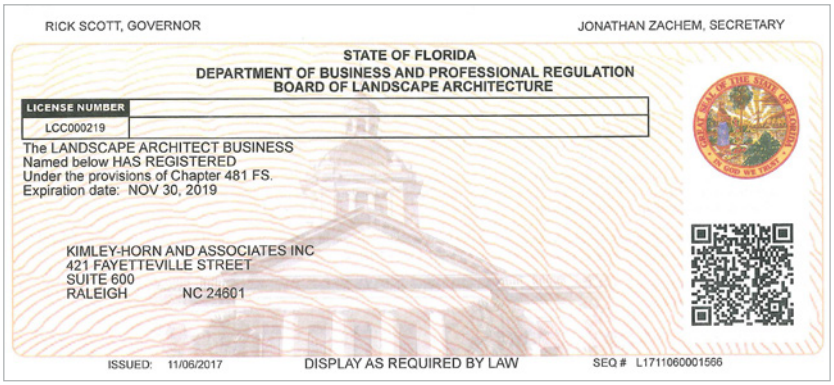
License No.: LB696
Expiration Date February 28, 2019

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

KIMLEY-HORN AND ASSOCIATES, INC.
3001 WESTON PKWY
CARY, NC 27513-2301

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

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



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

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

LICENSE NUMBER
LCC000219

The LANDSCAPE ARCHITECT BUSINESS
Named below HAS REGISTERED
Under the provisions of Chapter 481 FS.
Expiration date: NOV 30, 2019

KIMLEY-HORN AND ASSOCIATES INC
421 FAYETTEVILLE STREET
SUITE 600
RALEIGH NC 24601

ISSUED: 11/06/2017

DISPLAY AS REQUIRED BY LAW

SEQ # L1711060001566

RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL GEOLOGISTS

THE GEOLOGY BUSINESS HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 492, FLORIDA STATUTES

KIMLEY-HORN AND ASSOCIATES INC
421 FAYETTEVILLE STREET
SUITE 600
RALEIGH NC 27601

LICENSE NUMBER: GB175
EXPIRATION DATE: JULY 31, 2020

Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

U.S. Green Building Council

Kimley-Horn and Associates, Inc.

Member Since 2006

THE U.S. GREEN BUILDING COUNCIL IS THE NATION'S FOREMOST COALITION OF LEADERS WORKING TO TRANSFORM THE WAY BUILDINGS AND COMMUNITIES ARE DESIGNED, BUILT AND OPERATED, ENABLING AN ENVIRONMENTALLY AND SOCIALLY RESPONSIBLE, HEALTHY, AND PROSPEROUS ENVIRONMENT THAT IMPROVES THE QUALITY OF LIFE.

State of Florida
Department of State

I certify from the records of this office that KIMLEY-HORN AND ASSOCIATES, INC. is a North Carolina corporation authorized to transact business in the State of Florida, qualified on April 24, 1968.

The document number of this corporation is 821359.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on March 15, 2018, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Twenty-fourth day of April, 2018

GREAT SEAL OF THE STATE OF FLORIDA
IN GOD WE TRUST

Ken Detzner

Secretary of State

Tracking Number: CU7486580346

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

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

CURRIE SOWARDS AGUILA ARCHITECTS

RICK SCOTT, GOVERNOR

MATILDE MILLER, INTERIM SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF ARCHITECTURE & INTERIOR DESIGN

LICENSE NUMBER
AA26001584

The ARCHITECT FIRM
Named below IS CERTIFIED
Under the provisions of Chapter 481 FS.
Expiration date: FEB 28, 2019
AS A FICTITIOUS NAME

CURRIE SOWARDS AGUILA ARCHITECTS
185 NE 4TH AVENUE, SUITE 101
DELRAY BEACH FL 33483

ISSUED: 03/06/2017

DISPLAY AS REQUIRED BY LAW

SEQ # L1703060000741

FLORIDA ENGINEERING & TESTING

State of Florida
Board of Professional Engineers
Attests that
Florida Engineering & Testing, Inc.

FBPE

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

Expiration: 2/28/2019
Audit No: 228201902963 R

CA Lic. No:
6923

Procurement & Warehousing Services
SUPPLIER DIVERSITY OUTREACH PROGRAM

THIS CERTIFICATE IS AWARDED TO

Florida Engineering & Testing, Inc.

FOR HAVING SUCCESSFULLY MET THE PRESCRIBED STANDARDS SET FORTH BY THE SUPPLIER DIVERSITY OUTREACH PROGRAM OF THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA
FOR

CERTIFICATION

Small/Minority/Women Business Enterprise (S/M/WBE)

Asian-Pacific American

ON THIS DAY April 27, 2017

Mary Catherine Coker
Director, Procurement & Warehousing Services

Certification #: 3330-00694 97

Expiration Date: 4/26/2020

pompano beach
Florida's Warmest Welcome

CITY OF POMPANO BEACH
BUSINESS TAX RECEIPT
FISCAL YEAR: 2018 - 2019

THIS IS NOT A BILL

Business Tax Receipt Valid from: October 1, 2018 through September 30, 2019

9/5/2018

4441982
FLORIDA ENGINEERING & TESTING INC
250 SW 13 AV

POMPANO BEACH FL 33069

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

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

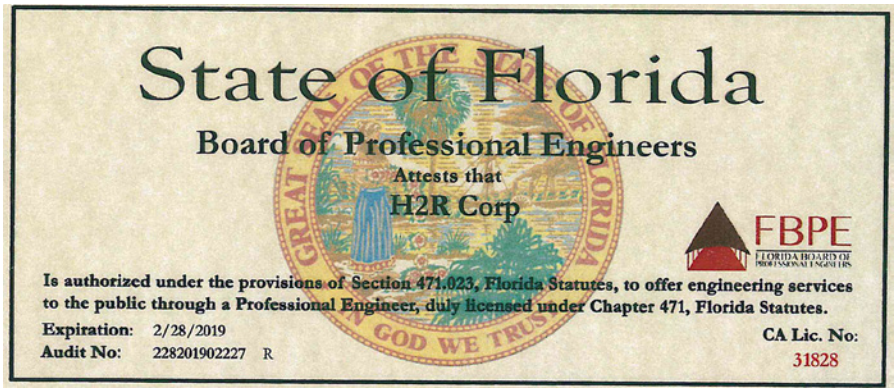
RECEIPT NO: 19-00066675

CLASSIFICATION: PROFESSIONAL OFFICE (SEE REQUIREMENTS)

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

BUSINESS TAX RECEIPTS EXPIRE SEPTEMBER 30TH OF EACH YEAR

H2R CORP



State of Florida

Board of Professional Engineers

Attests that

H2R Corp

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

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

Expiration: 2/28/2019
Audit No: 228201902227 R

CA Lic. No:
31828

2018 - 2019

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

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

VALID OCTOBER 1, **2018** THROUGH SEPTEMBER 30, **2019**

DBA:
Business Name: DAVID A RANCMAN

Receipt #: 315-278531
Business Type: ENGINEER

Owner Name: H2R CORP
Business Location: 1900 NW 40 CT
POMPANO BEACH
Business Phone: 954-972-7570

Business Opened: 08/01/2016
State/County/Cert/Reg: 70413
Exemption Code:

Rooms	Seats	Employees	Machines	Professionals
		5		

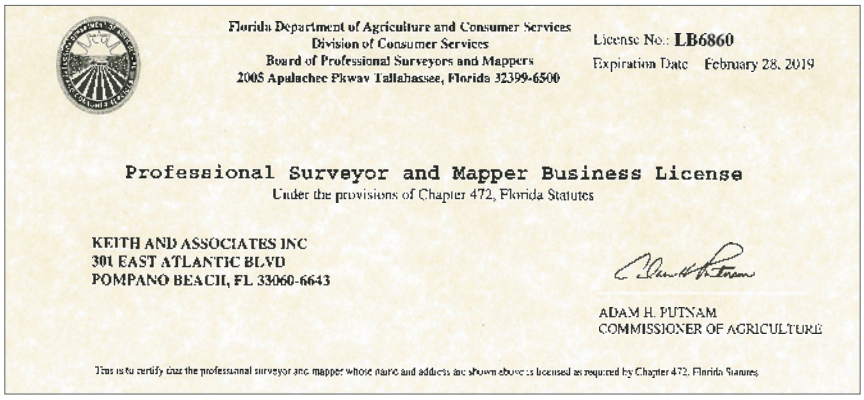
Signature

For Vending Business Only
Number of Machines: **Vending Type:**

Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
30.00	0.00	0.00	0.00	0.00	0.00	30.00

Receipt #WWW-17-00170399
Paid 09/25/2018 30.00

KEITH AND ASSOCIATES



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

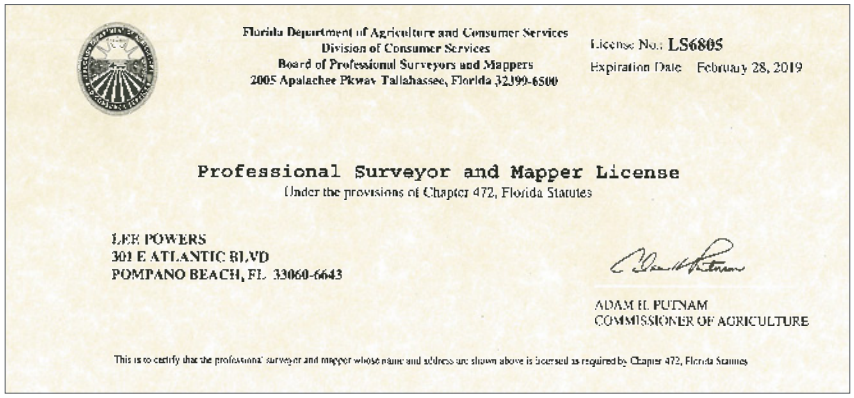
License No.: LB6860
Expiration Date February 28, 2019

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

KEITH AND ASSOCIATES INC
301 EAST ATLANTIC BLVD
POMPANO BEACH, FL 33060-6643

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

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



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

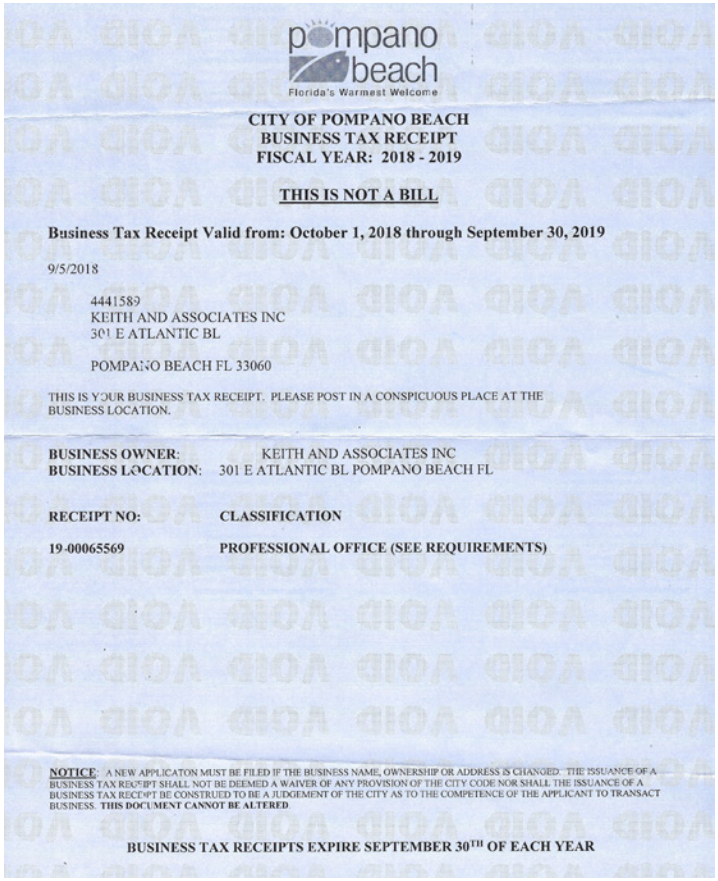
License No.: LS6805
Expiration Date February 28, 2019

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

LEE POWERS
301 E ATLANTIC BLVD
POMPANO BEACH, FL 33060-6643

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

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



pompano beach
Florida's Warmest Welcome

CITY OF POMPANO BEACH
BUSINESS TAX RECEIPT
FISCAL YEAR: 2018 - 2019

THIS IS NOT A BILL

Business Tax Receipt Valid from: October 1, 2018 through September 30, 2019

9/5/2018

4441589
KEITH AND ASSOCIATES INC
301 E ATLANTIC BL

POMPANO BEACH FL 33060

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

BUSINESS OWNER: KEITH AND ASSOCIATES INC
BUSINESS LOCATION: 301 E ATLANTIC BL POMPANO BEACH FL

RECEIPT NO: CLASSIFICATION

19-00065569 PROFESSIONAL OFFICE (SEE REQUIREMENTS)

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

BUSINESS TAX RECEIPTS EXPIRE SEPTEMBER 30TH OF EACH YEAR

Client#: 25320 KIMLHORN

ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 3/25/2018

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

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

PRODUCER	CONTACT NAME: Jerry Noyola	
Greyling Ins. Brokerage/EPIC 3780 Mansell Road, Suite 370 Alpharetta, GA 30022	PHONE (A/C, No, Ext): 770-552-4225	FAX (A/C, No): 866-550-4082
	E-MAIL ADDRESS: jerry.noyola@greyling.com	

INSURED	INSURER(S) AFFORDING COVERAGE	NAIC #
Kimley-Horn and Associates, Inc. 421 Fayetteville Street, Suite 600 Raleigh, NC 27601	INSURER A : National Union Fire Ins. Co.	19445
	INSURER B : Aspen American Insurance Company	43460
	INSURER C : New Hampshire Ins. Co.	23841
	INSURER D : Lloyds of London	085202
	INSURER E :	
	INSURER F :	

COVERAGES **CERTIFICATE NUMBER: 18-19** **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	X COMMERCIAL GENERAL LIABILITY			5268169	04/01/2018	04/01/2019	EACH OCCURRENCE	$1,000,000
	CLAIMS-MADE X OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$500,000
	X Contractual Liab.						MED EXP (Any one person)	$25,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						PERSONAL & ADV INJURY	$1,000,000
	POLICY X PRO-JECT X LOC						GENERAL AGGREGATE	$2,000,000
	OTHER:						PRODUCTS - COMP/OP AGG	$2,000,000
								$
A	AUTOMOBILE LIABILITY			4489663	04/01/2018	04/01/2019	COMBINED SINGLE LIMIT (Ea accident)	$1,000,000
	X ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	X HIRED AUTOS ONLY / X NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
B	X UMBRELLA LIAB X OCCUR			CX005FT18	04/01/2018	04/01/2019	EACH OCCURRENCE	$5,000,000
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$5,000,000
	DED X RETENTION $0							$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			015893685 (AOS)	04/01/2018	04/01/2019	X PER STATUTE / OTH-ER	
A	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y/N N	N/A		015893686 (CA)	04/01/2018	04/01/2019	E.L. EACH ACCIDENT	$1,000,000
C	(Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			039326820 (ME)	04/01/2018	04/01/2019	E.L. DISEASE - EA EMPLOYEE	$1,000,000
							E.L. DISEASE - POLICY LIMIT	$1,000,000
D	Professional Liab			P070831800	04/01/2018	04/01/2019	Per Claim $5,000,000 Aggregate $5,000,000	

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

Proof of Insurance

CERTIFICATE HOLDER

Sample Certificate

CANCELLATION

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

AUTHORIZED REPRESENTATIVE

D. H. Collings

ACORD 25 (2016/03) 1 of 1 #S1021594/M1017419 The ACORD name and logo are registered marks of ACORD JNOY1