



Florida's Warmest Welcome

**CITY OF POMPANO BEACH  
REQUEST FOR QUALIFICATIONS  
P-33-18  
REBID**

**Planning and Design Services for the Dixie Highway  
Streetscape Improvements Project**

**RFQ OPENING: AUGUST 9, 2018 2:00 P.M.  
PURCHASING OFFICE  
1190 N.E. 3RD AVENUE, BUILDING C (Front)  
POMPANO BEACH, FLORIDA 33060**

July 3, 2018

**CITY OF POMPANO BEACH, FLORIDA**  
**REQUEST FOR QUALIFICATIONS (RFQ)**  
**P-33-18**  
**REBID**

**Planning and Design Services for the Dixie Highway Streetscape Improvements Project**

Pursuant to Florida Statutes Chapter 287.055 "Consultants' Competitive Negotiation Act" the City of Pompano Beach invites professional Engineering, Planning, Architecture and Landscape Architecture firms to submit their qualifications and experience for consideration to provide Planning and Design Services to the City for the Dixie Highway Streetscape Improvements Project.

The City will receive sealed proposals until **2:00 p.m. (local), AUGUST 9, 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.

The City of Pompano Beach, Florida is an Equal Opportunity and Affirmative Action Employer. Minority-owned and women-owned firms are encouraged to submit statement or proposals. This project is (funded or partially funded) through the Community Development Block Grant Program with federal funds provided by the U.S. Department of Housing and Urban Development.

**Introduction**

The City intends to issue contracts to *engineering, planning, architecture, landscape architecture* firms to provide professional consulting services to the City for the planning and design of the Dixie Highway streetscape Improvements project. This project location is as follows:

- Dixie Highway (from McNab Road to Sample Road) including intersection of Atlantic Boulevard as well as Atlantic Boulevard from NW 6th Avenue to Cypress Road

The localized project areas will receive roadway improvements; water, sewer, and drainage improvements; signing and pavement markings; new landscaping and irrigation, new and/or upgraded sidewalks; hardening and/or overhead utility to conversion (undergrounding); and, new lighting. Other improvements may also be necessary and may be determined during the design process.

**1. Scope of Services**

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 configurations. Confirm right-of-way availability to complete designs in accordance with desirable roadway cross-sections.
- Identify any tests that may be necessary to carry out a sound design including soils, concrete strength, permeability/percolation, density, pot holeing, 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, and technical specifications, cost estimates, construction administration services including project certification, field inspections, as-builts, etc., and preparing responses to requests for Information (RFIs).
- 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); 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 be required.

Firms and/or any subconsultants 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. Firms may be required to demonstrate proper eligibility for State-funded projects such as Florida Department of Transportation (FDOT), U. S. Department of Transportation, etc.

## **2. Tasks/Deliverables**

Tasks for Planning and Design for all Streetscape Improvements

### Section 0001. Roadway

- 1.1 Prepare detailed designs for the cleaning and grubbing for the removal and replacement of existing sidewalk, curb and gutter, vegetation, pipes (limited) and drainage structures (limited.), maintenance of traffic plans (MOT),

- 1.2 Roadway work to include milling and resurfacing based upon Geotech Reporting. The City, at its sole discretion, may elect to re-build a roadway(s) if the Geotechnical report identifies structural deficiencies that may warrant reconstruction.
- 1.3 Provide design for new drainage system to consist of curb inlets/catch basins, pipes, and exfiltration trenches.

## SECTION 0002 - WATER, SEWER AND RECLAIMED WATER UTILITY IMPROVEMENTS

- 2.1 Design water, sewer and reclaimed water system improvements based upon information to be provided by the City Utilities. Design will require extensive coordination with Public Works, Utilities, Planning and Zoning (landscape) Departments' Staff.

## SECTION 0003 - SIGNING AND MARKING

- 3.1 Design Signing and Marking for project area in full compliance with the Manual on Uniform Traffic Control; Devices (MUTCD) and/or Broward County Traffic Engineering and/or Florida Department of Transportation.

## SECTION 0004 - LANDSCAPING AND STREETSCAPING

- 4.1 Prepare design for typical concrete sidewalks with planting bed pits with no special concrete sidewalk treatments or special edge/curbs or tree grates. The City, at its sole discretion, may elect to include treatments and/or tree grates depending on site conditions, width of sidewalks, ADA accessibility, etc. Design will require extensive coordination with Public Works, Nursery, Utilities, Planning and Zoning (landscape) Departments' Staff.
- 4.2 Prepare landscape design for medium size flowering street trees or medium end palms with combination of native/non-native plantings dependent on irrigation system. Important consideration will be given to future maintenance. Design will require extensive coordination with Public Works, Nursery, Utilities, Planning and Zoning (landscape) Departments' Staff. Other departments and/or government agencies may be involved in the review and selection process as well. Landscape architect, urban forester, and/or other qualified and licensed individual(s) will be required to select and tag trees and/or palms.

## SECTION 0005 - LIGHTING

- 5.1 Design street lighting plan including the retention of existing street lighting with limited additional decorative lighting. Design will require extensive coordination with Public Works, Utilities, Planning and Zoning (landscape) Departments' Staff. In addition, firm may be tasked to coordinate any overhead conversion efforts



and may be required to act as liaison to the Florida Power and Light, AT&T, Comcast and/or any other Public Services provider. This may include securing easements (if necessary), coordinating and attending design/field meetings, supervising and/or assisting contractor(s) during construction, etc.

## SECTION 0006 – PERMITTING/CONSTRUCTION ADMINISTRATION

- 6.1 Selected firm shall be responsible for all aspects of permitting and approvals except for specific requirements affecting the contractor(s). This section refers to preparation of permit applications and necessary plans (whether paper or electronic submittals), minimum number of site inspections, close-outs, construction progress meetings, change order's review, as-built plans, etc., as it may be deemed necessary for final project certification. The City, at its sole discretion, may choose to issue a contract for Construction Administration Services or carry out said activities with in-house Staff (i.e., own inspection services, etc.).

### 3. 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:

- a. **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.
- b. **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.

- c. **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](http://www.pompanobeachfl.gov) by selecting the Pompano Beach Business Directory in the Shop Pompano! section.

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

The required goal for this RFQ is 15% for Local Vendors.

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

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

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

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

1. For evaluation purposes, the Tier 1 and Tier 2 businesses shall be a criterion for award in this Request for Proposal (RFQ). 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.

#### **4. 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 4 in the evaluation criteria. Complete Exhibit A and include all certificates in your electronic submittal.

#### **5. 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 tabs or dividers between the sections:

##### **Title page:**

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

##### **Table of Contents:**

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

##### **Letter of Interest:**

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.

**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 RFQ. 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 (3) 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.

**City Forms:**

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.

The Essential Requirements Questionnaire, Project Team form, RFQ Proposer Information form, Minority Business Enterprise Participation form, Local Business Forms Exhibit A-D and any other required forms must be completed and submitted electronically through the City's eBid System.

**Litigation:**

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

**Acknowledgement of all Addenda issued.**

**City Forms:**

Responses should include all pages of this solicitation, initialed where indicated.

**6. Insurance**

The insurance described herein reflects the insurance requirements deemed necessary for this contract by the City. It is not necessary to have this level of insurance in effect at the time of submittal, but certificates indicating that the insurance is currently carried or a letter from the Carrier indicating upgrade ability will speed the review process to determine the most qualified Proposer.

The successful Proposer(s) shall not commence operations until certification or proof of insurance, detailing terms and provisions of coverage, has been received and approved by the City of Pompano Beach Risk Manager.

The following insurance coverage shall be required.

- a. Worker's Compensation Insurance covering all employees and providing benefits as required by Florida Statute, Chapter 440, regardless of the size of the company (number of employees). The 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, on General Liability Insurance only, in connection with work being done under this contract.
- 2) Such Liability insurance shall include the following checked types of insurance and indicated minimum policy limits.

### LIMITS OF LIABILITY

Type of Insurance	each occurrence	aggregate
<b>GENERAL LIABILITY: MINIMUM \$1,000,000 per OCCURRENCE/\$1,000,000 AGGREGATE</b>		
* Policy to be written on a claims incurred basis		
XX comprehensive form		
XX premises - operations	bodily injury	
— explosion & collapse		
— hazard	property damage	
— underground hazard		
— products/completed		
— operations hazard	bodily injury and	
XX contractual insurance	property damage	
XX broad form property	combined	
XX damage		
XX independent contractors		
XX personal injury	personal injury	

### AUTOMOBILE LIABILITY: MINIMUM \$1,000,000 per OCCURRENCE/\$1,000,000 AGGREGATE

	bodily injury	
	(each person)	
	bodily injury	
XX comprehensive form	(each accident)	
XX owned	property damage	
XX hired	bodily injury and	
XX non-owned	property damage	
	combined	

### REAL & PERSONAL PROPERTY

XX comprehensive form	Consultant must show proof they have this coverage.
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### EXCESS LIABILITY

XX umbrella form	bodily injury and		
XX other than umbrella	property damage		
	combined	\$2,000,000.	\$2,000,000.

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XX    **PROFESSIONAL LIABILITY**    \$2,000,000.    \$2,000,000.  
       \* Policy to be written on a claims made basis

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The certification or proof of insurance must contain a provision for notification to the City, and the City's contracted law enforcement provider if applicable, thirty (30) days in advance of any material change in coverage or cancellation.

The successful Proposer shall furnish to the City the certification or proof of insurance required by the provisions set forth above, within ten (10) days after notification of award of contract.

**7.    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. Emphasis to be given to firm's experience with projects that were required to adhere to State of Florida standards (i.e., FDOT, etc.). Personnel to be evaluated based on his/her experience with State-funded projects or projects with similar characteristics. |

## CRITERIA

A.	<b>Overall approach, methodology:</b> 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
B.	<b>Prior experience</b> with projects of similar size and scope. Familiarity with City of Pompano Beach standards. <ul style="list-style-type: none"> <li>a. Number of similar projects</li> <li>b. Complexity of similar projects</li> <li>c. References from past projects</li> <li>d. Safety record</li> </ul>	0-40
C.	<b>Financial Capability:</b> An indication of the resources and the necessary working capital available and how it will relate to the Firm's financial stability through the completion of the project. In addition, the firm's ability to secure bonding shall also be used as an indicator (bond up to 100% of construction costs).	0-10
D.	<b>Qualifications of personnel:</b> 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. <ul style="list-style-type: none"> <li>a. Number of technical staff</li> <li>b. Qualifications of technical staff:               <ul style="list-style-type: none"> <li>(1) Number of licensed staff</li> <li>(2) Education of staff</li> <li>(3) Experience of staff</li> </ul> </li> </ul>	0-20
E.	<b>Tier 1/Tier 2 Local Business</b>	0-5
F..	<b>Minority/Small Business</b> 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
	<b>Total Points</b>	0-100



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 RFQ, 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.

## **8. 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.

## **9. Retention of Records and Right to Access**

The selected firm shall maintain during the term of the contract all books of account, receipt invoices, reports and records in accordance with generally accepted accounting practices and standards. The form of all records and reports shall be subject to the approval of the City's Internal Auditor. Recommendation for changes, additions, or deletions by the City's Internal Auditor must be complied with by the selected firm. The City's Internal Auditor must be permitted during normal business hours to audit and examine the books of account, reports, and records relating to this contract. The selected firm shall maintain and make available such records and files for the duration of the contract and retain them until the expiration of three years after final payment under the contract.

**10. 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.

**11. 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.

**12. 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.

**13. 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.

**14. 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.

**15. Waiver**

It is agreed that no waiver or modification of the contract resulting from this RFQ, 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.

**16. 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.

**17. 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.

**18. 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.

**19. 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.

**20. RFQ Conditions and Provisions**

The proposal must be submitted to the City on or before the time and date stated herein. All Proposers, by 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.

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.

**21. 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. Conflict Of Interest**

For purposes of determining any possible conflict of interest, each Proposer must disclose if any City employee is also an owner, corporate officer, or an employee of the firm. If any City employee is an owner, corporate officer, or an employee, the Proposer must file a statement with the City of Pompano Beach pursuant to § 112.313, Florida Statutes.

In accordance with 24 CFR 570.611, the conflict of interest provisions in 24 CFR 85.36 and 24 CFR 84.42, respectively, shall apply.

**c. Excluded Parties**

No award shall be made (subgrant or contract) to any organization which is debarred or suspended or is otherwise excluded from or ineligible for participation in Federal assistance programs under Executive Order 12549, "Debarment and Suspension."

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 the "Retract Response" feature of the City's eBid system.

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. Specifically, the Contractor shall:
  - a. Keep and maintain public records that ordinarily and necessarily would be required by the City in order to perform the service;
  - b. Provide the public with access to such public records on the same terms and conditions that the City would provide the records and at a cost that does not exceed that provided in chapter 119, Fla. Stat., 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; and
  - d. Meet all requirements for retaining public records and transfer to the City, at no cost, all public records in possession of the contractor upon termination of the contract and destroy any duplicate public records that are exempt or confidential and exempt. All records stored electronically must be provided to the City in a format that is compatible with the information technology systems of the agency.
2. The failure of Contractor to comply with the provisions set forth in this Article shall constitute a Default and Breach of this Agreement and the City shall enforce the Default in accordance with the provisions set forth herein.

**22. 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.

**23. 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.

**24. 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 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

2. Qualifier has or will obtain a general liability insurance policy with a policy limit of at least \$\_\_\_\_\_ per occurrence and \$\_\_\_\_\_ aggregate.

☐ Yes      ☐ No

3. Qualifier has current workers' compensation insurance policy.

☐ 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?

☐ 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

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

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

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 ☐ No

If the answer is "Yes," state the beginning and ending dates of the period of debarment:

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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 ☐ No

(THE REMAINDER OF THIS PAGE HAS BEEN LEFT BLANK INTENTIONALLY)

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 submit a proposal 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 proposal 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:

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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.

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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:

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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 has 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: \_\_\_\_\_

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(Signature)

**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 RFQ IN THE EBID SYSTEM.**

**PROJECT TEAM**

RFQ NUMBER L-06-17  
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)

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

***PROPOSER INFORMATION PAGE***

***RFQ P-33-18,*** \_\_\_\_\_  
(RFQ name)

To: The City of Pompano Beach, Florida

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

Proposal submitted by:

Name (printed) \_\_\_\_\_ Title \_\_\_\_\_

Company (Legal Registered) \_\_\_\_\_

Federal Tax Identification Number \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Telephone No. \_\_\_\_\_ Fax No. \_\_\_\_\_

Email Address \_\_\_\_\_

**REQUESTED INFORMATION BELOW IS ON THE ATTRIBUTES TAB FOR THE RFQI IN THE EBID SYSTEM. PROVIDE THIS INFORMATION ELECTRONICALLY.**

**VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES LISTS**

Respondent Vendor Name: \_\_\_\_\_

Vendor FEIN: \_\_\_\_\_

Section 287.135, Florida Statutes, prohibits agencies from contracting with companies, for goods or services over \$1,000,000.00, which are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or is engaged in business operations in Cuba or Syria.

As the person authorized to sign on behalf of Respondent, I hereby certify that the company identified above is not listed on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or is engaged in business operations in Cuba or Syria. I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs.

Certified By (include Name and Title):

\_\_\_\_\_



**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): \_\_\_\_\_

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**Exhibit – Contractor Performance Report**

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

**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:

[illegible]

## City of Pompano Beach Florida

### Local Business Subcontractor Utilization Report

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

### Local Business Payment Report

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

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

Contractor Name – Authorized Personnel (print) (22)	Contractor Name – Authorized Personnel (sign) (23)	Title (24)	Date (25)
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### **Local Business Subcontractor Utilization Report Instructions**

- Box (1) Project Name** – Enter the entire name of the project.
- Box (2) Contract Number (work order)** – Enter the contract number and the work order number, if applicable (i.e., 4600001234, and if work order contract include work order number – 4600000568 WO 01).
- Box (3) Report Number** - Enter the Local Business Subcontractor Utilization Report number. Reports must be in a numerical series (i.e., 1, 2, 3).
- Box (4) Reporting Period** - Enter the beginning and end dates this report covers (i.e., 10/01/2016 – 11/01/2016).
- Box (5) Local Contract Goal** - Enter the Local Contract Goal percentage on entire contract.
- Box (6) Contract Completion Date** - Enter the expiration date of the contract, (not work the order).
- Box (7) Contractor Name** - Enter the complete legal business name of the Prime Contractor.
- Box (8) Contractor Telephone Number** - Enter the telephone number of the Prime Contractor.
- Box (9) Contractor Email Address** - Enter the email address of the Prime Contractor.
- Box (10) Contractor Street Address** – Enter the mailing address of the Prime Contractor.
- Box (11) Project Manager Name** - Enter the name of the Project Manager for the Prime Contractor on the project.

**Box (12) Project Manager Telephone Number** – Enter the direct telephone number of the Prime Contractor's Project Manager.

**Box (13) Project Manager Email Address** – Enter the email address of the Prime Contractor's Project Manager.

**Box (14) Federal Identification Number** – Enter the federal identification number of the Local Subcontractor(s).

**Box (15) Local Subcontractor Business Name** – Enter the complete legal business name of the Local Subcontractor(s).

**Box (16) Description of Work** – Enter the type of work being performed by the Local Subcontractor(s) (i.e., electrical services).

**Box (17) Project Amount** – Enter the dollar amount allocated to the Local Subcontractor(s) for the entire project (i.e., amount in the subcontract agreement).

**Box (18) Amount Paid this Reporting Period** – Enter the total amount paid to the Local Subcontractor(s) during the reporting period.

**Box (19) Invoice Number** – Enter the Local Subcontractor's invoice number related to the payment reported this period.

**Box (20) Total Paid to Date** – Enter the total amount paid to the Local Subcontractor(s) to date.

**Box (21) Total Paid to Date for All Local Subcontractor(s)** – Enter the total dollar amount paid to date to all Local Subcontractors listed on the report.

**Box (22) Contractor Name Authorized Personnel (print)** – Print the name of the employee that is authorized to execute the Local Subcontractor Utilization Report.

**Box (23) Contractor Name Authorized Personnel (sign)** – Signature of authorized employee to execute the Local Subcontractor Utilization Report.

**Box (24) Title** – Enter the title of authorized employee completing the Local Subcontractor Utilization Report.

**Box (25) Date** – Enter the date of submission of the Local Subcontractor Utilization Report to the City.

LOCAL BUSINESS EXHIBIT "A"

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

CITY OF POMPANO BEACH, FLORIDA  
LOCAL BUSINESS PARTICIPATION FORM

Solicitation # &amp; Title: \_\_\_\_\_

Prime Contractor's Name: \_\_\_\_\_

<u>Name of Firm, Address</u>	<u>Contact Person, Telephone Number</u>	<u>Type of Work to be Performed/Materials to be Purchased</u>	<u>Contract Amount</u>

LOCAL BUSINESS EXHIBIT "A"



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

RFQ Number \_\_\_\_\_

TO: \_\_\_\_\_  
(Name of Prime or General Bidder)

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

\_\_\_\_\_ an individual

\_\_\_\_\_ a corporation

\_\_\_\_\_ a partnership

\_\_\_\_\_ a joint venture

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

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at the following price: \_\_\_\_\_

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Name of Local Business Contractor)

\_\_\_\_\_  
(address)

Code)

\_\_\_\_\_  
(address City, State Zip

BY: \_\_\_\_\_

(Name)

LOCAL BUSINESS EXHIBIT "B"

LOCAL BUSINESS EXHIBIT "C"  
LOCAL BUSINESS UNAVAILABILITY FORM

RFQ # \_\_\_\_\_

I, \_\_\_\_\_  
 (Name and Title)

of \_\_\_\_\_, certify that on the \_\_\_\_\_ day of

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

items to be performed in the City of Pompano Beach:

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

Said Local Businesses:

\_\_\_\_\_ Did not bid in response to the invitation  
 \_\_\_\_\_ Submitted a bid which was not the low responsible bid  
 \_\_\_\_\_ Other: \_\_\_\_\_

Name and Title:

\_\_\_\_\_

Date: \_\_\_\_\_

Note: Attach additional documents as available.

LOCAL BUSINESS EXHIBIT "C"

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

RFQ # \_\_\_\_\_

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

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

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3. Did you send written notices to Local Businesses?

\_\_\_\_ Yes      \_\_\_\_ No

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

4. Did you advertise in local publications?

\_\_\_\_ Yes      \_\_\_\_ No

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

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

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

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

8. Other comments: \_\_\_\_\_

\_\_\_\_\_

LOCAL BUSINESS EXHIBIT "D" – Page 2

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

LOCAL BUSINESS EXHIBIT "D"

**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**

**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.

<b>Name of Firm</b>	<b>Certificate Included?</b>

Date	Question	Answer
7/13/2018 8:17:55 AM	Regarding essential requirements form and bonding and safety record, contractor's license and bidding - we are a consultant firm and do not usually procure bonds - is that a problem? There are questions in the organizational history form re safety - OSHA, prevailing wage record, etc. Are these meant for professional consultant firms? On page 32 there is a list of required attachments are they all required from professional consultants?	These are requirements from your team. Consultants are not required to submit bonds and Osha is for contractors, not consultants
7/19/2018 8:12:35 AM	Is the 2-page limit only for the Letter of Interest and not the other sections of the submittal?	All attachments should be limited to 2 pages each.
7/27/2018 8:55:09 AM	In reference to Question & Answer No. 1, your answer “these are the requirements of your team” indicate that a contractor would be part of the design team. Please clarify.	Prime can team up with others. Whoever is selected shall be required to provide adequate licensing and credentials to perform, deliver and certify the project.
7/27/2018 8:56:16 AM	Under “1. Scope of Services” it states that the City intends to issue contracts to engineering, planning, architecture, landscape architecture firms to provide professional consulting services to the City for the planning and design of the Dixie Highway Streetscape Improvements project. Does this mean that the firm submitting as prime must be able to provide all of these disciplines, or does this mean that the combination of the prime plus sub-consultants must possess all of these disciplines?	Prime can team up with others.
7/27/2018 8:57:27 AM	Under “1. Scope of Services” it states that an Architecture license is required. We do not see anywhere in the RFQ where licensed architectural services would be required. If these services are required, please direct us to what part of the scope would fall under Architecture? If not required, will you remove the requirement for an Architectural license?	Professional engineers are ok.



Date	Question	Answer
7/27/2018 8:58:07 AM	Under "1. Scope of Services" it states that an Irrigation license is required. The State of Florida does not regulate Irrigation design as separate from Landscape Architecture and therefore has no Irrigation License. Will you remove the requirement for irrigation licensing?	Whoever is selected shall be required to provide adequate licensing and credentials to perform, deliver and certify the project
7/27/2018 9:00:01 AM	Page 21, Under "A. Current Organization and Business Structure of the Business" – 1.c - you are requesting the officers/owner's Social Security Number. A person's Social Security Number is typically not included in a public document as it may be used by others in the future for identity theft purposes. Will you waive the requirement to provide Social Security Numbers?	An FEIN Number is required, unless it is an individual bidding and then a Social Security Number is required.
7/27/2018 9:00:47 AM	Page 23, Under "B. History of the Business and Organization Performance" – 4. - you are requiring the firm's gross revenues for 2015, 2016, and 2017. We are a private firm and do not typically divulge this information. Will you waive this requirement?	Yes
7/27/2018 9:03:16 AM	Page 32, Attachment 1 (Essential Requirement Questionnaire) - would it be acceptable to submit our Certified Financial Audit Report (FAR) in place of a General Statement of Bank Credit?	Yes
7/27/2018 9:03:55 AM	Page 32, Attachment 2 (Essential Requirement Questionnaire) – Notarized Statement from Bonding Company. This is not applicable or required since this is a CCNA contract. Is this correct?	Correct
7/27/2018 9:04:20 AM	Page 32, Attachment 4 (Essential Requirement Questionnaire) - should we attach our Professional Licenses as opposed to a Contractor's License?	Correct
7/27/2018 9:05:10 AM	Page 32, Attachment 5 (Essential Requirement Questionnaire) - we understand that this is not applicable as the surety only applies to a contractor. Is this correct?	Correct

Date	Question	Answer
7/27/2018 12:50:00 PM	How was the cost estimate completed?	Using quantities based of takeoffs and unit pricing from recent projects of similar characteristics.
7/27/2018 12:50:17 PM	Will a LAP Application be needed?	No
7/27/2018 12:50:33 PM	Do you need to have an architect?	Not necessarily.
7/31/2018 7:20:24 AM	A question was put forth "Is the two (2) page limit only for the Letter of Interest and not the other sections of the submittal". The City's response was "All attachments should be limited to two (2) pages each". To clarify, does this mean that the Technical Approach Section should be limited to two (2) pages? Will the Statement of Skills and Experience of the Project Team Section be limited to two (2) pages? And will the Resumes of Key Personnel Section be limited to two (2) pages?	This is for the Letter of Interest Only. However, Proposers shall upload responses 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.



Florida's Warmest Welcome

## P-33-18 Supplier Response Kimley-Horn and Associates, Inc.

### Event Information

Number: P-33-18  
 Title: Planning and Design Services for Dixie Highway Streetscape Improvements Project  
 Type: Request for Qualifications  
 Issue Date: 7/3/2018  
 Deadline: 8/9/2018 02:00 PM (ET)  
 Notes: Pursuant to Florida Statutes Chapter 287.055 "Consultants' Competitive Negotiation Act" the City of Pompano Beach invites professional Engineering, Planning, Architecture and Landscape Architecture firms to submit their qualifications and experience for consideration to provide Planning and Design Services to the City for the Dixie Highway Streetscape Improvements Project.

The City will receive sealed proposals until 2:00 p.m. (local), AUGUST 9, 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.

The City of Pompano Beach, Florida is an Equal Opportunity and Affirmative Action Employer. Minority-owned and women-owned firms are encouraged to submit statement or proposals. This project is (funded or partially funded) through the Community Development Block Grant Program with federal funds provided by the U.S. Department of Housing and Urban Development.

### Kimley-Horn and Associates, Inc. Information

Address: 3660 Maguire Boulevard  
 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

Submitted at 8/9/2018 12:43:38 PM

amy.mcgreger@kimley-horn.com

Email

## Requested Attachments

**Proposal** Kimley-Horn\_ P-33-18\_Pompano Beach Planning & Design for Dixie Hwy Streetscape\_FINAL.pdf

Electronic version of proposal must be uploaded to the Response Attachments tab. 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

**Local Business Program Forms** Local\_Business\_Program\_Forms\_Kimley-Horn Submittal.pdf

Local Business Program Forms from the attachments tab must be completed and uploaded to this tab.

## Bid Attributes

### 1 Vendor Certification Regarding Scrutinized Companies Lists

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

### 2 Terms & Conditions

Check the box indicating you agree to the terms and conditions of this solicitation.

☐ Agree



## Planning and Design Services

for the Dixie Highway  
Streetscape Improvements Project  
RFQ P-33-18



prepared by:

**Kimley»Horn**

in association with:



**KEITH**  
ASSOCIATES, INC.  
consulting engineers



**City of Pompano Beach, Florida**  
**Planning and Design Services**  
**for Dixie Highway Streetscape Improvement Project**  
**P-3318**  
**REBID**

**Kimley»Horn**

600 North Pine Island Road, Suite 450  
Plantation FL 33324  
954.535.5100

**Contact:**

**Marwan Mufleh, P.E.**  
Project Manager



Keith and Associates  
Palm Beach County  
120 N. Federal Hwy  
Suite 208  
Lake Worth, FL 33460  
561.469.0992



EDSA  
1512 E Broward Blvd,  
Suite 110, Fort  
Lauderdale, FL 33301  
954.524.3330

August 9, 2018

**Kimley»Horn**

Expect More. Experience Better.



## Planning and Design Services

for the Dixie Highway  
Streetscape Improvements Project RFQ P-33-18

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## Planning and Design Services

for the Dixie Highway  
Streetscape Improvements Project RFQ P-33-18

# Tab 1 Letter of Interest

A decorative graphic at the bottom of the page consists of three overlapping, rounded shapes. The leftmost shape is orange, the middle one is lime green, and the rightmost one is teal. The teal shape is the largest and contains the Kimley-Horn logo.

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## Planning and Design Services

for the Dixie Highway Streetscape Improvements Project RFQ P-33-18

# Kimley»Horn

August 9, 2018

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

### **RE: Planning and Design Services for the Dixie Highway Streetscape Improvements Projects; P-33-18 REBID**

Dear Members of the Selection Committee:

On behalf of **Kimley-Horn**, I am excited about this opportunity to partner once again with the City of Pompano Beach and the CRA on streetscape and infrastructure improvements. As one of the largest transportation and civil engineering firms in South Florida, we offer you the personal commitment and demonstrated experience from professionals who understand the City's needs. The Kimley-Horn team has considerable experience in all the services needed for this contract, and we have exactly the right qualifications to serve you.

**Kimley-Horn has been working in the City of Pompano Beach and Broward County with a fully established office since the early 1980s.** We have extensive Complete Streets and municipal roadway design experience that is recognized by Broward County and FDOT. Our team offers you an impressive track record of both creative ideas and built projects nationwide. We will deliver real world, implementable solutions.

**We have assembled a highly qualified team for this major project.** Team members include **EDSA** and **Traf Tech**, who along with Kimley-Horn are currently working on concept planning for the central portion of this project. This means that the City will receive the same professionals who can hit the ground running to meet your GO Bond funding deadlines.

**A team of expert partners who have worked together extensively on similar projects.** **Keith and Associates**, a Pompano Beach firm, is another major subconsultant on the team and will lead the survey and utility exploration and coordination tasks and will provide construction phase services. EDSA will lead the planning and landscape architecture to build on the work they have already started for the City. This will ensure continuity as we move into the design phase. **Florida Testing and Engineering**, a Pompano Beach firm, will provide geotechnical services. **Traf Tech** led the traffic analysis for the conceptual planning phase and will build on those findings to complete the full traffic study. They will be supported by Kimley-Horn's traffic engineers who recently prepared the traffic analysis for the ETOC. **Cambridge Systematics (CS)**, our transportation policy and planning subconsultant, helped the City apply for the BUILD (formerly known as TIGER) grant for this project and will continue to support any grant/funding application efforts. **Karen Kiselewski** with CS, is very familiar with the project. She served as project manager for Pompano Beach's 2014 corridor studies project that included Dixie Highway and Atlantic Blvd. That study analyzed the existing conditions and development opportunities.

**Our team has the most similar experience in Pompano Beach and elsewhere.** We have worked on numerous, high-profile projects that required extensive consensus-building to take them from vision to implementation. This depth of experience will help us exceed your expectations. Some of these projects include

- Complete Streets Atlantic Boulevard+ Dixie Highway Concept Planning
- Pompano Beach Streetscape and Dune Enhancements
- Pompano Beach NW CRA Connectivity Plan
- Martin Luther King Jr. Streetscape
- Old Pompano Civic Plaza
- Dixie Highway South Lane Elimination Study
- Dixie Highway Corridor Study
- East Transit Oriented Corridor (ETOC) Traffic Study

**Kimley-Horn offers the City extensive place-making experience**, including Boca Raton Downtown Promenade, US 1/ Delray Beach Complete Streets Design, Brickell World Center (Miami), and Clematis Street Redevelopment (West Palm Beach). We have designed national award-winning place-making projects and EDSA has similarly designed national and international place-making projects. Our team can design the Atlantic Boulevard-Dixie Highway area into a world-class destination where people want to live, work and play rather than drive through.

kimley-horn.com

600 North Pine Island Road, Suite 450, Plantation, FL 33324

954.535.5100



## Planning and Design Services

for the Dixie Highway Streetscape Improvements Project RFQ P-33-18

# Kimley»Horn

Our team has a successful, proven consensus-building approach that the City has experienced firsthand. EDSA has successfully led public outreach programs on high-profile and sometimes challenging multi-million-dollar infrastructure improvements in South Florida. And they will expertly lead the consensus-building effort on this project. In fact, the Kimley-Horn/EDSA team is currently completing the \$60 million redevelopment effort for the City of Fort Lauderdale Las Olas Boulevard Corridor and SR A1A improvements.

Kimley-Horn is a statewide leader in lane-repurposing/road diet/lane-elimination/Complete Streets projects. For US 1 in Delray Beach, our team took that road diet project from its initial study and community consensus building phase through a temporary trial phase and final implementation. Kimley-Horn worked successfully with City and CRA staff to address business community concerns and balance the goals of the community. This award-winning project required extensive coordination and permitting with FDOT and has been held up as a successful model to emulate by many other municipalities.

Kimley-Horn has dozens of landscape architects/urban designers that collaborate with our roadway and civil engineers to revitalize streetscapes and neighborhoods across the country. Our professional staff have designed hundreds of miles of streetscape projects throughout the nation. EDSA streetscape experience is recognized both nationally and internationally. Together our team brings you extensive, proven urban design experience using value engineering to balance creativity with the reduction of long-term maintenance costs.

We are the recognized Complete Streets leader in South Florida. Kimley-Horn led the development of the Broward, Miami-Dade and Palm Beach MPOs' Complete Streets Design Guidelines. Furthermore, we also serve as a consultant to FDOT District 4 on pedestrian, bike and Complete Street issues.

**Unsurpassed Implementation experience.** While good design is a key ingredient, a successful project is one that can be implemented and one that meets the goals and vision of your community. Our team is well known for taking projects from their initial vision and renderings through final construction, all while meeting a community's goals for aesthetics and functionality.

We have dedicated some of our most senior staff for this very important project. I will serve as project manager. I am a principal with Kimley-Horn and have 31 years of roadway and streetscape design experience in South Florida. I have worked with dozens of municipalities, CRAs, Broward County and FDOT District Four on roadway and streetscape improvements. Supporting me from EDSA is Paul Kissinger, a principal with their firm who is now leading the conceptual design of this project for the City. He is strongly committed to continue leading the planning, urban design and consensus-building tasks needed to make this project a reality.

Kimley-Horn has been an employee-owned firm with strong roots in Florida for more than 50 years. While the consulting industry has seen a lot of consolidation in the last few years, Kimley-Horn has remained financially strong maintained a successful, growing business over that time. This is evident by our firm's ranking as the 8th largest transportation design specialty firm in the U.S. by Engineering News Record. We have also been ranked by Fortune magazine's as one of their 100 Best Places to Work list for the past 11 years. What this means is that Kimley-Horn offers the City an unusually stable and long-tenured work force to see your projects through to completion.

**Summary.** We are truly excited about this opportunity to continue working with the City of Pompano Beach. As a principal and officer of Kimley-Horn, I positively commit to you all the firm's resources necessary to make this project successful.

Sincerely,

**KIMLEY-HORN**

Marwan Mufleh, P.E. — Principal, Project Manager

**Kimley-Horn and Associates, Inc.**

FEIN: 56-0885615

Address: 600 North Pine Island Road,  
Suite 450, Plantation, FL 33324

Phone: 954.535.5100 Fax: 561.863.8175

Contact: Marwan Mufleh, Principal

Email: marwan.mufleh@kimley-horn.com



## Planning and Design Services

for the Dixie Highway  
Streetscape Improvements Project RFQ P-33-18

# Tab 2 Technical Approach



Kimley»Horn

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## 2. Technical Approach

The dynamic process of discovery that unfolds during the planning and design process can be invigorating and exciting! Each step forms the basis for the next; each stakeholder meeting or presentation brings momentum and grass root support for a project; each design submission results in getting closer towards implementation and the realization of the community's vision.

Our Team has started work on the core of this project under our current contract to develop conceptual plans and build consensus for the Dixie Highway and Atlantic Blvd. intersection to turn this area into a destination rather than just a through traffic corridor. Kimley-Horn along with our traffic subconsultant, Traf Tech served as subconsultants to EDSA on that project.

The redevelopment of this segment of Atlantic Blvd. from NW 6th Ave to Cypress Road and Dixie Highway from SW 3rd St to NW 6th St is hugely important to improve livability, and pedestrian safety. As expected and as we have experienced from the public meetings we conducted for the concept phase of this project and from other lane repurposing projects, consensus building is hugely significant for the success of this project. Understanding and balancing the needs of businesses and the rest of the community is an important part of the public outreach task. EDSA led the public outreach effort for the conceptual planning and will continue to do so under this project. They have extensive experience building consensus on complex projects. They are well known and trusted by the community and the City commission from the different projects they led in Pompano Beach. Kimley-Horn will support EDSA with the public outreach task along with Keith and Associates, who are locally known to the community. Kimley-Horn was successful in managing a lane elimination project on US-1 for the City of Delray Beach and conducted an extensive public outreach program to win the support of business owners along the corridor.

Traffic analysis is another important factor in development of design alternatives for Atlantic Blvd. Our traffic subconsultant, Traf Tech has started that analysis under EDSA's concept development project and will continue to finalize the analysis under this project. They will be supported by Kimley-Horn's army of traffic engineers, who are well recognized and respected in that field. In fact, Kimley-Horn performed numerous lane elimination studies including the one for South Dixie Highway and the traffic study for the Atlantic Blvd East Transit Oriented Corridor (ETOC).

We understand the City's desire to plan for the downtown and future Innovation District and that Atlantic Blvd and Dixie Highway corridors must be redeveloped not in isolation, but with a context-sensitive design that allows for that growth and improvement. This project must support the infrastructure including utility needs of future development and avoid reconstructing any part of the newly completed roadways.

Our team members have worked on the Dixie Highway corridor and have a good understanding of the City's objectives. In fact, Kimley-Horn partnered with our team member, Karen Kiselewski with Cambridge Systematic, who was then the project manager for the Dixie Highway Corridor Study to envision the potential redevelopment of the corridor. Under that Study Kimley-Horn prepared infrastructure analysis and a traffic study for the South Dixie Highway one-way pair and obtained approval from FDOT to convert it from three to two through traffic lanes in each direction, which will now be implemented under this project. This ensures there will be no learning curve on that conversion.

In addition to the important intersection at Atlantic Blvd, we understand the project location and phasing to be as follows:

Dixie Highway (from McNab Road to Sample Road) including intersection of Atlantic Boulevard as well as Atlantic Boulevard from NW 6th Avenue to Cypress Road. The entire project will be designed in total but will allow for phased construction as follows:

- Atlantic Blvd (NW 6th Ave to Cypress Rd. and Dixie Hwy from SW 3rd St. to NW 6th St.
- Dixie Hwy South from McNab Rd to SW 3rd St.
- Dixie Hwy North from NW 6th St. to Sample Rd.

We understand the City is seeking a Design Team that will lead a collaborative design process and address the challenges and opportunities to implement a successful streetscape corridor. Our Design Team has a proven track record of delivering public space projects from initial concepts through detailed design and implementation. This combined experience with



## Planning and Design Services

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similar domestic and international projects will ensure an outstanding, thoughtful design for the City of Pompano Beach. Furthermore, this project requires a team with extensive experience in Complete Streets design principles, Stewart Robertson in Kimley-Horn's Broward County office, is recognized as a local expert on Complete Streets design. In fact, he served as our project manager for the development of the Broward County MPO's Complete Streets Design Guidelines. Since then both Palm Beach and Dade County MPO's commissioned Kimley-Horn to prepare their design guidelines. Stewart also serves as a consultant to FDOT on pedestrian and bicycle issues. Additionally, Kimley-Horn has national experts on Complete Streets, including Eric Bosman who was a speaker this year at the APA National Planning Conference and presented a paper on Walkable, Connected, Mixed-Use Developments.

While we generally understand that the process will likely entail two (2) steps or phases, we have prepared the following proposed project approach for your review and consideration, which we look forward to further refining and discussing with City of Pompano Beach staff.

### PHASE ONE

#### *Stage One: Reconnaissance / Understanding / Outreach*

As we embark upon the Dixie Highway Streetscape Improvements Project, starting with a sound foundation of the project understanding, goals, timeline expectations, budgets and team members is vital. During this initial phase of work, the team will focus on the following tasks:

#### Project Mobilization and Kick-off Meeting

- We have started the information transfer from City and CRA of existing studies / past studies / base information and review by the Design Team under the previous conceptual planning contract
- Project kick-off meeting with City Staff for Development of project procedures, preliminary schedules, development of project database
- Follow-up staff meeting(s) with City

#### Identification and Review of existing data & Collection of additional base data

- Review of existing data and assessment of needed additional data
- Survey of Existing Conditions (update) and certification of topography. Our survey subconsultant, Keith and Associates, performed survey on Atlantic Blvd which will be supplemented and completed for the rest of the project. We propose using LAMP due to help expedite schedules due to the length of the corridor
- Right-of-way Analysis
- Traffic data collection
- Geotechnical / soil studies – build on available studies conducted previously by FDOT to save costs
- Infrastructure review and further testing required such as
  - Existing utility locates and assessment of utilities - continue the work our team started in the conceptual phase
  - Reclaim water

#### Preparation of site opportunities and constraints

An important document in which to utilize as a tool to present to the public and City Leadership on the goals and objectives of the project while understanding and presenting the physical, infrastructure, environmental, regulatory and social/cultural opportunities and constraints of the site area. We will emphasize the important focus on context-sensitive design and place making. We will discuss the City's resiliency goals to ensure they are incorporated where possible. Our team will update the document we prepared in the conceptual planning phase to cover the remainder of Dixie Highway.



## Preparation of precedent studies and best practices

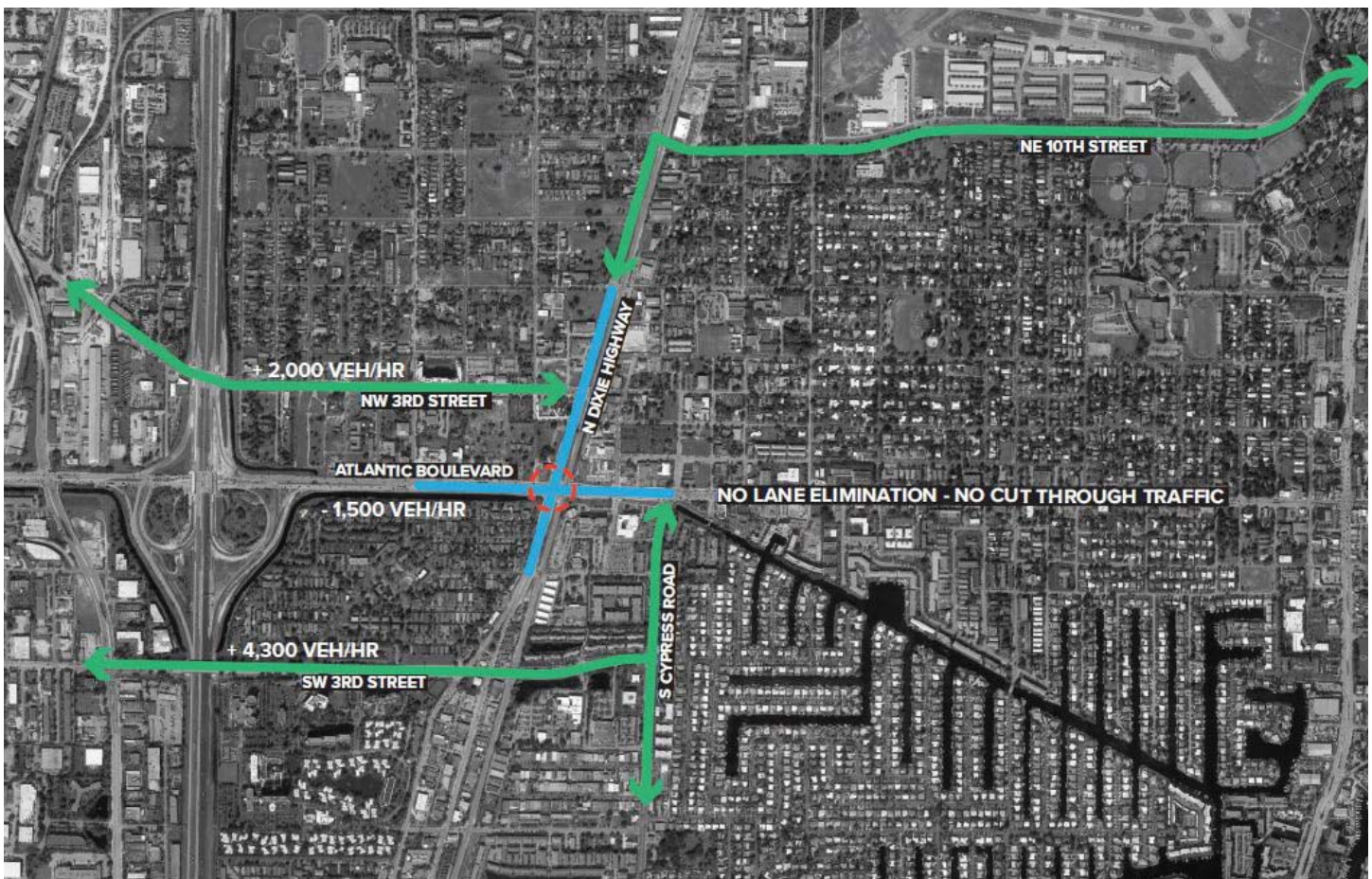
Our Design Team will discuss the previous work performed on Dixie Highway. This includes Kimley-Horn's lane elimination study and proposed typical sections on South Dixie Highway and the FDOT conceptual pavement marking plan for that concept. We will also discuss the visioning study for the Dixie Highway Corridor along with land use plans and future plans for Innovation District.

## Traffic Analysis

As part of our subconsultant, Traf Tech recent work, historical traffic volumes were reviewed and multiple-day traffic counts were recorded/analyzed by 15-minute increments on both Atlantic Boulevard and Dixie Highway. Through this effort, it was concluded that with no traffic diversion, travel times along Atlantic Boulevard could increase between 3 to 5 minutes. With expected traffic diversion to underutilized parallel facilities, such as NW 3rd Street/MLK, SW 3rd Street, Copans Road and Cypress Creek Road, motorists traveling along Atlantic Boulevard east of Interstate 95 could experience increases in delays between 1 to 2 minutes. In both scenarios, traffic diversion to neighborhoods located north and south of Atlantic Boulevard is not anticipated as a result of implementing Complete Streets along Dixie Highway and Atlantic Boulevard.

In order to minimize increases in travel time along the study segments of Atlantic Boulevard and Dixie Highway, with no traffic intrusion through residential neighborhoods, our approach to this project focuses on three areas:

1. Traffic diversion – develop signal coordination strategies and destination guide signs. Coordinate with SW 3rd St. MPO programmed project
2. Expected travel time increases – model current and projected travel times
3. Prevention of traffic intrusion – implement strategies for protection of neighborhood streets by preventing cut-through traffic



## Project Programming

- Development of overall strategic implementation alternatives and phasing in coordination with the City
- Development of work plans for design and implementation
- Development of protocols for communication, documentation and file management, schedule and budget controls, and quality control (QC) plan

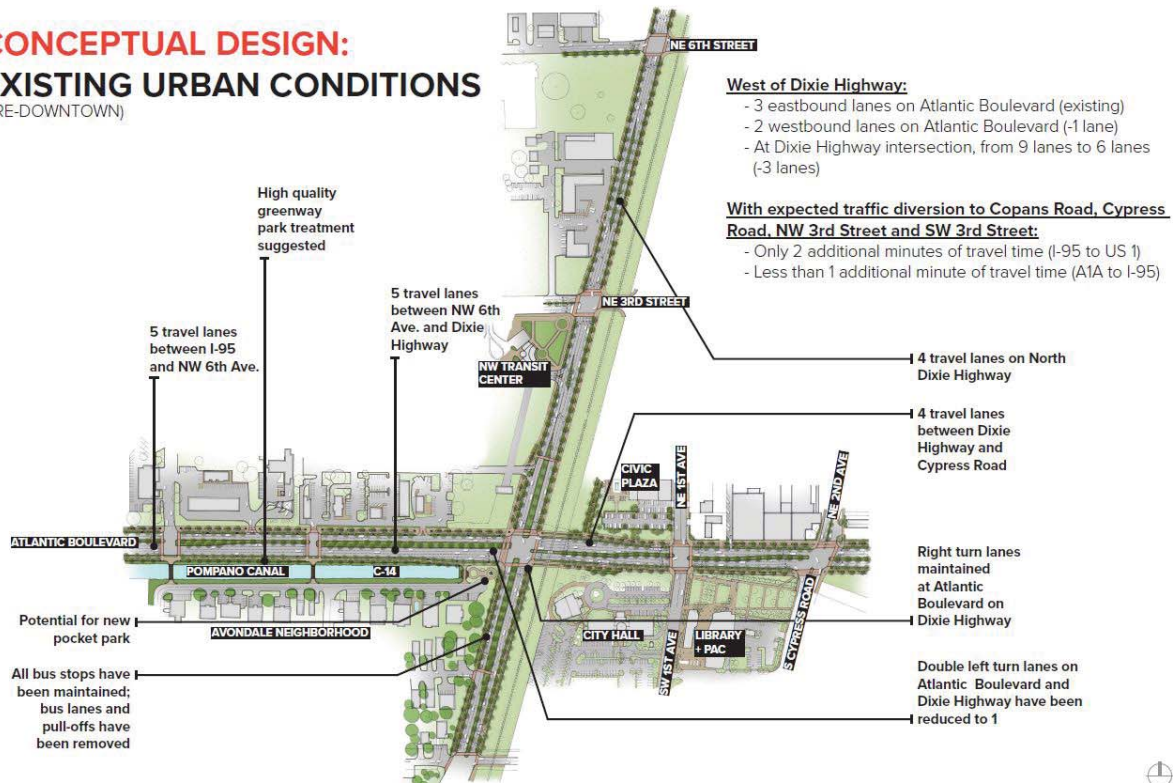
Our consensus building program will focus on balancing the needs of all users including pedestrians and businesses. **Our team conducted a number of public meetings for the concept plans for the Complete Streets - Atlantic Blvd + Dixie Highway project and will build on that public input.** Our program will consist of some or all of the following:

- Community Redevelopment Agency Meetings
- Public meetings / Private citizen meetings
- Stakeholder meetings / Focus Group meetings
- Neighborhood meetings
- Social Media / Web Page / Email blasts / Printed materials
- Preliminary Consensus Building, Public Outreach & Public Project-Kick-off
  - Community Redevelopment Agency
  - Business Associations
- Progress discussions / meetings with staff

## Stage Two: Conceptual Planning / Consensus Building / Programming

Once Stage One has been completed, the Design team will focus on the development and update of preliminary conceptual alternatives of the overall project area. These alternatives will be based on the understanding and outreach developed during the Stage One work. The alternatives will illustrate the programmatic elements of the project while also being accompanied by a 30% level Cost Estimate to be reviewed by the City.

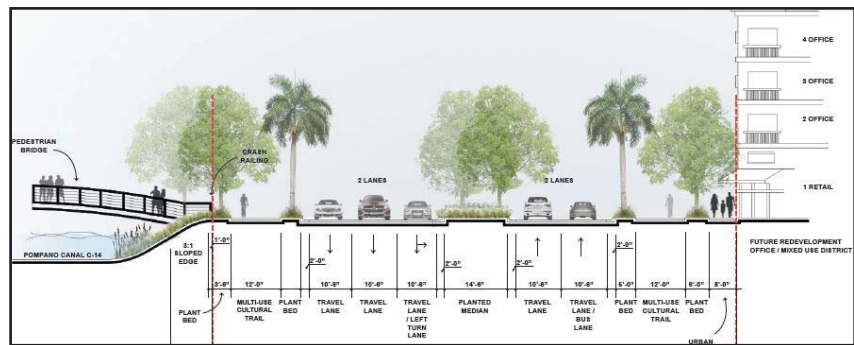
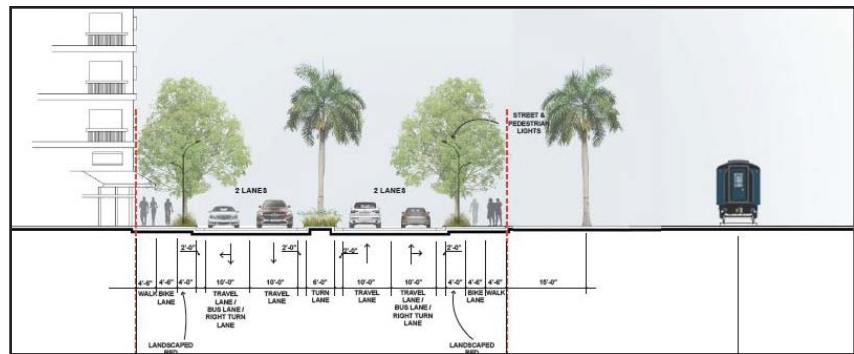
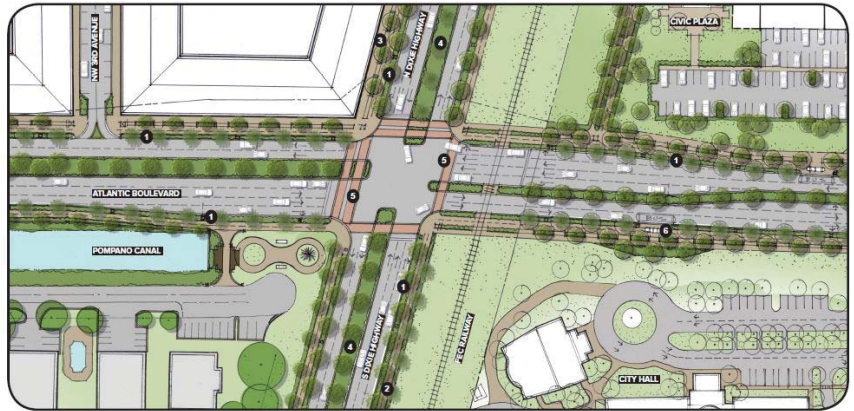
### CONCEPTUAL DESIGN: EXISTING URBAN CONDITIONS (PRE-DOWNTOWN)





## Development of preliminary conceptual plans of the following improvements:

- Streetscape
  - Typical cross section zones (pedestrians, bicycle lanes, shared-use paths, street furniture, future redevelopment) concepts
- Water, Sewer, and Reclaimed Water Utility Improvements
  - Existing and proposed Water, sewer and stormwater
  - Utility adjustments, including any overhead electric conversion
- Signage and Marking
  - Pedestrian, bicycle and vehicular guide signage
  - Coordination with Broward County Traffic
- Landscaping
  - Design of typical concrete walks and planting beds
  - Identify special conditions requiring enhanced treatments to be coordinated with and approved by the City
  - Coordinate with all required jurisdictions for the exterior spaces (i.e. Public Works, Planning and Zoning, etc.)
  - Develop a landscape pallet of medium sized flowering trees and or palms
  - Select plant material considering water requirements and long-term maintenance
- Irrigation
  - Identify water sources
  - Reclaim water
- Lighting
  - Decorative sight / street lighting options



**1** Minimum 5 foot curbside tree lawn with street trees



**2** 10-12 foot multi-use pedestrian and bike cultural trail



**3** 6-8 foot urban walkway



**4** 10-14 foot widened landscape medians





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### Public Outreach / Consensus Building

- Public meeting
- Elected Officials
- Advisory Boards
- Staff
- Focus Group
- On-going staff meetings / preparation of progress reports
- City Staff and Kimley-Horn team review of public input

### Preliminary Agency and Permit Coordination

The Design Team will conduct pre-application meeting with permitting agencies to ensure that preliminary concepts are permissible and will prepare plans for the review and approval of the following agencies:

- Development Review Committee (DRC)
- Planning and Zoning (P&Z)
- Architectural Appearance Committee (AAC)
- City Building Department
- Broward County Traffic Engineering
- Broward County Highway Construction and Engineering
- Broward County Transit
- Broward County Water Resources
- South Florida Water Management District
- Florida Department of Health (HRS)
- Public Works
- Florida Department of Environmental Protection (FDEP)
- Florida Department of Transportation (FDOT)

Refine Preliminary Concept Plans, based on public input for confirmation by City (refer to preliminary concepts our team developed for the central part of this project)

- Community Redevelopment Agency
- Others as City staff deems appropriate

## PHASE TWO

### *Stage Three: Detailed Design*

Once the strategic implementation strategy of improvements has been refined and determined during Phase One, the Design team will embark upon the detailed design of the proposed improvements. As an integral part of this process, the Design team will continue to develop the cost estimate for the project.

### Schematic Design

During this phase of work, the overall project will be developed in sufficient detail to fix and describe the project elements, as well as to further refine the character of the improvements. During this phase of work, we will provide a 60% level project Cost Estimate alongside the Schematic Design package for the City's for review and approval. Refinements to the proposed development include:



## Planning and Design Services

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- Roadway improvements
- Water, sewer, and drainage improvement
- Signage and Pavement Markings
- New Landscape and Irrigation
- New/ Upgraded sidewalks
- Hardening and/or overhead utility conversions
- New site lighting
- Review by City staff
- On-going Permit Coordination with the following agencies
  - Development Review Committee (DRC)
  - Planning and Zoning (P&Z)
  - Architectural Appearance Committee (AAC)
  - City Building Department
  - Broward County Traffic Engineering
  - Broward County Highway Construction and Engineering
  - Broward County Transit
  - Broward County Water Resources
  - South Florida Water Management District
  - Florida Department of Health (HRS)
  - Public Works
  - Florida Department of Environmental Protection (FDEP)
  - Florida Department of Transportation (FDOT)
- Public Outreach / Updates
  - Public meeting
  - Stakeholder meetings
  - Web-page / social media / email blasts / printed materials
- Project Administration / Preparation of Project Progress Reports and Coordination with City staff

## Construction Documents

Once the Schematic Design work has been completed and preliminary budgets have been approved and reviewed, the Design team will embark on the development of the construction documents necessary for the improvements. During this stage of work the Team will develop a 90% project Cost Estimate for the City's review.

Depending on the outcome of the strategy for implementation, the Design team may develop a series of packages for ease of permitting and implementation. This will be determined during the development of the Schematic Design drawings.

### 30% Construction Documents

This progress set of drawings will further refine and fix the details and constructability of the project.

- Roadway improvements
- Water, sewer, and drainage improvement
- Signage and Pavement Markings
- New Landscape and Irrigation
- New/ Upgraded sidewalks
- Hardening and/or overhead utility conversions
- New site lighting



## Planning and Design Services

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Drawing packages will be prepared that will include the necessary disciplines, such as:

- Site Work
  - Survey of existing conditions, including topographic survey
  - Demolition Plans
  - Site Layout
  - Hardscape Plans
  - Paving, Grading and Drainage
  - Water and Sewer Plans
  - Electrical Plans
  - Pavement Markings
  - Lighting Plans
  - Landscape Plans
  - Existing utility designation
- Public Outreach / Updates
  - Public meeting
  - Stakeholder meetings

### *60% Construction Documents*

During the development of this set, specific materials for construction will begin to be determined. This effort will be based on input from the City related to pricing, as well as value engineering input gained during the review of the 30% drawings. The drawings prepared during the 60% submission will be in more detail and will include plans, sections, details, and preliminary technical specifications necessary for the internal coordination within the team.

Once proposed pipe alignments have been identified, we will conduct utility locating services to assess potential conflicts.

### *90% Construction Documents*

This set of construction drawings will be utilized for the final permitting of the project with the associated agencies at a federal, state and local level. The drawings will incorporate the review comments received from the 60% drawings, and if available, any preliminary permit comments that have been collected during the design process.

### *Final Construction Documents*

This set of construction drawings and technical specifications will be utilized by the contractor for implementation of the project. All permit comments will have been incorporated and the final set of construction drawings will be provided to the City.

- Public Outreach / Updates
  - Public meeting
  - Stakeholder meetings
  - Web-page / social media / email blasts / printed materials

## *Stage Four: Permitting*

During the development of the conceptual and detailed design drawings, we have found it to be very helpful to coordinate with the various permitting agencies during the process.

Therefore, as described in the various stages above, we have recommended preliminary coordination and review by the federal, state and local permitting agencies.



## Planning and Design Services

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The Kimley-Horn team will be responsible for obtaining all necessary permits from the following agencies:

- Broward County Traffic Engineering
- Broward County Highway Construction and Engineering
- Broward County Water Resources
- South Florida Water Management District
- Florida Department of Health (HRS)
- Florida Department of Environmental Protection (FDEP)
- Florida Department of Transportation (FDOT)
- City Building Department
- City Development Review Committee (DRC)

## Stage Five: Construction Related Services

Our Design Team will provide bidding and construction related services.

We will prepare the bid documents and schedule of values, attend pre-bid meeting, respond to bidder questions, prepare addenda and revisions, review contractor bids and assist the City making bid award recommendations. Our team can also help in establishing a methodology to set up a procurement process that will help ensure the selection of the most qualified contractor, which should help in maintaining the project within budget and on schedule.

During construction, Kimley-Horn will be assisted by EDSA to ensure that the design intent is met by reviewing product samples and typical installation, and with Keith and Associates who will provide technically skilled field observation staff given their experience, familiarity with the existing conditions and utilities in the corridor, experience with City departments and proximity to the project site. The Design Team can provide the following construction management and inspection services related to the improvements.

- In-House Construction Related Services
  - Pre-Construction conference(s), project start-up and organization meeting(s)
  - Respond to RFI's, shop drawing submittals
  - Respond to Requests for Supplemental Information
  - Review of pay request applications and change orders
  - Preparation of correspondence related to construction administration and communication with City and Contractor
  - Site Observation Reports
  - Maintain logs for RFI's, reports, drawings, shop drawings
  - Maintain Construction website for public outreach
  - Preparation of progress reports and financial data regards to financing and operational expenses
  - Preparation of substantial completion punch list(s)
  - Review of record drawings
  - Preparation of close out documents
  - Other duties and responsibilities as necessary related to the management of the construction
- On-Site Construction Inspection
  - Threshold inspection services
  - Site observation and inspection of utility improvements and certification
  - Site observation and review of construction to insure conformity with plans and material specifications
  - Attendance at job site construction meetings
  - Preparation of daily reports



## Planning and Design Services

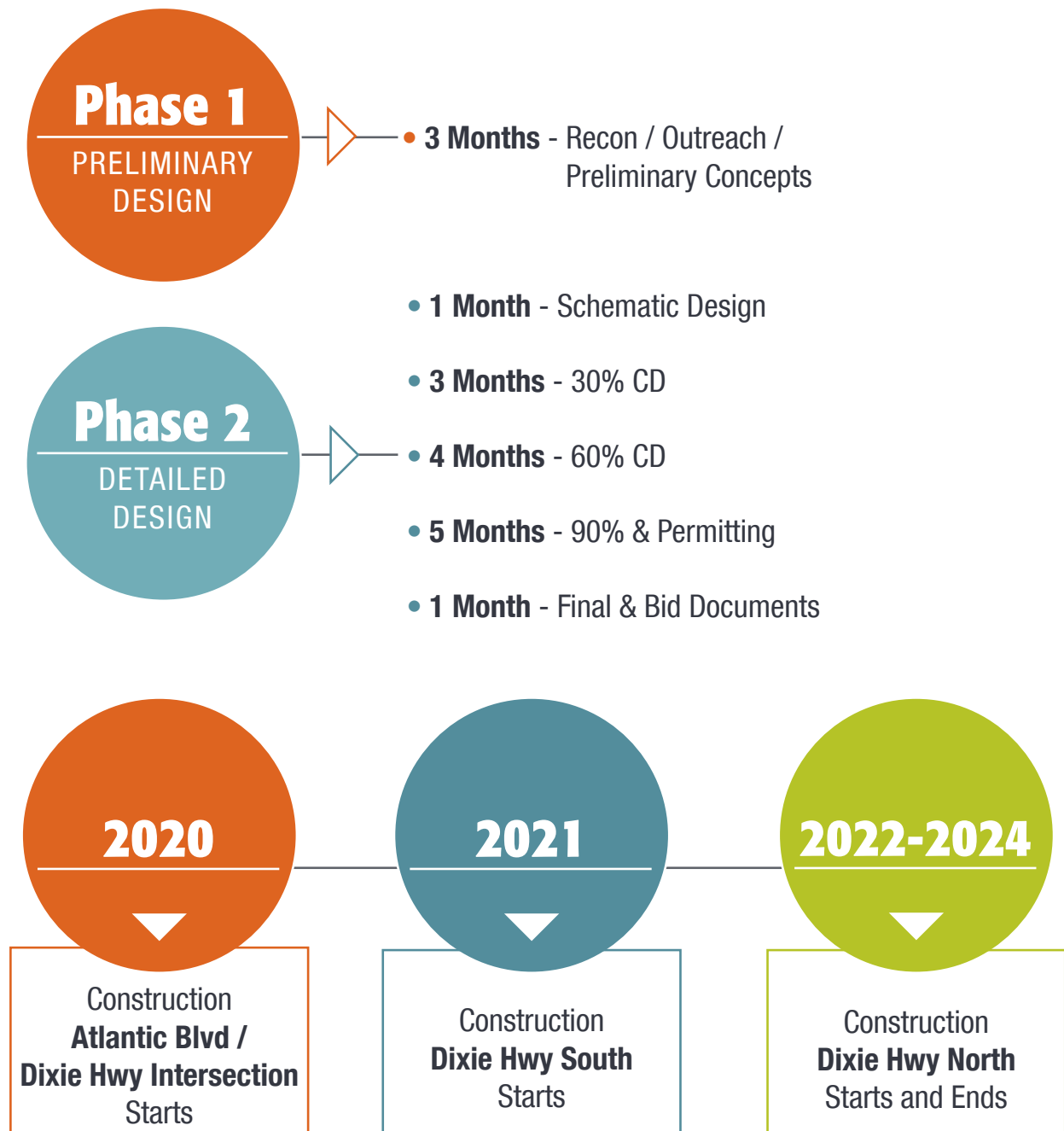
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# Tab 3 Schedule

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## 3. Schedule





## Planning and Design Services

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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 RFQ IN THE EBID SYSTEM.**

**PROJECT TEAM**

RFQ NUMBER P-33-18  
Federal I.D.# 56-0885615

**PRIME**

Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	<u>Brian Good, P.E.</u>	<u>22</u>	<u>B.S., Envir. Engineering</u>
Project Manager	<u>Marwan Mufleh, P.E.</u>	<u>31</u>	<u>B.S., Civil Engineering</u>
Asst. Project Manager	<u>Sean Bukovich, P.E.</u>	<u>5</u>	<u>B.S., Civil Engineering</u>
Other Key Member	<u>John McWilliams, P.E</u>	<u>20</u>	<u>B.S., Civil Engineering</u>
Other Key Member	<u>Greg Kyle, AICP</u>	<u>25</u>	<u>M.S., Urban Planning &amp; MBA</u>
	<i>see organizational chart for additional staff</i>		

**SUB-CONSULTANT**

Role	Company Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Surveying	<u>Keith and Associates, Inc.</u> 301 East Atlantic Boulevard, Pompano Beach, FL 33060	<u>Adolphine Keith-Lazowick, PLS</u> <i>see organizational chart for additional staff</i>
Landscaping	<u>EDSA</u> 1512 E Broward Blvd, Suite 110, Fort Lauderdale, FL 33301	<u>Paul Kissinger, FASLA, PLA</u> <i>see organizational chart for additional staff</i>
Engineering	<u>Traf Tech Engineering, Inc.</u> 8400 North University Drive, Suite 309, Tamarac, Florida 33321	<u>Joaquin Vargas, P.E.</u>
Other Key Member	<u>Florida Engineering and Testing, Inc.</u> 250 SW 13th Avenue, Pompano Beach, FL 33069	<u>Mark Mesiano, P.E.</u> <i>see organizational chart for additional staff</i>
Other Key Member	<u>Cambridge Systematics, Inc.</u> 2101 W Commercial Blvd., #3200, Fort Lauderdale, FL 33309	<u>Karen Kiselewski, AICP</u> <i>see organizational chart for additional staff</i>
Other Key Member	<u></u>	<u></u>
Other Key Member	<u></u>	<u></u>





## Planning and Design Services

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# Tab 5 Organizational Chart

A decorative graphic at the bottom of the page consists of three overlapping, rounded shapes. The leftmost shape is orange, the middle one is lime green, and the rightmost one is teal. The teal shape is the largest and contains the Kimley-Horn logo.

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# Planning and Design Services

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# Kimley»Horn

## Subconsultants

1. Keith and Associates, Inc.
2. EDSA
3. Traf Tech Engineering, Inc.
4. Florida Engineering and Testing, Inc.
5. Cambridge Systematics, Inc.

### Principal-in-Charge

Brian Good, P.E.

### Kimley-Horn Team Leader/Project Manager

Marwan Mufleh, P.E.

### Quality Assurance/ Quality Control

Brian Good, P.E.

### Assistant Project Manager

Sean Bukovich, P.E.

### Roadway Design/ Civil Engineering

Marwan Mufleh, P.E.  
Sean Bukovich, P.E.  
Jim Sumislaski, P.E.  
Gin Ng, P.E.

### Planning/Urban Design/ Landscape Architecture/Streetscape

*Paul Kissinger, FASLA, PLA<sup>2</sup>*  
*Keith Weaver, PLA, AICP, ASLA, LEED AP<sup>2</sup>*  
*Betsy Suiter, PLA, ASLA<sup>2</sup>*  
*Justin Rietema, PLA, ASLA<sup>2</sup>*

### Transportation Engineering/ Transit Elements

Greg Kyle, AICP  
Chris Heggen, P.E.  
Ian Rairden, P.E.  
John McWilliams, P.E.

### Public Outreach

*Paul Kissinger, FASLA, PLA<sup>2</sup>*  
Marwan Mufleh, P.E.

### Undergrounding Overhead Utilities

Josh Horning, P.E.  
Kevin Schanen, P.E.

### Roadway Safety

Ravi Wijesundera, P.E.

### Multimodal/ Complete Streets

Stewart Robertson, P.E.  
Eric Bosman, AICP

### Street Lighting

Matt Fursetzer, P.E.  
Nick Provenzo, E.I.

### Stormwater/Water/ Sewer Improvements

Gary Ratay, P.E.  
Stefano Viola, P.E.

### Environmental Sciences

Brenda Westhorp, P.E.  
Lynn Kiefer

### Drainage

Derrick Lewis, P.E.  
Armand Yvel, P.E.

### Architecture

Keith Greminger, AIA

### Traffic Engineering

*Joaquin Vargas, P.E.<sup>3</sup>*

### Geotechnical Services

*Mark Mesiano, P.E.<sup>4</sup>*  
*Paul Teninty<sup>4</sup>*

### Construction Phase Services/Utilities and Coordination/ Survey

*Adolphine Keith-Lazowick, PLS<sup>1</sup>*  
*Stephen Williams, P.E.<sup>1</sup>*  
*Alexander Lazowick, P.E.<sup>1</sup>*  
*Lee Powers, PSM<sup>1</sup>*  
*Daniel Checchia<sup>1</sup>*  
*Mark Mitchell<sup>1</sup>*  
*Jonathan Weymouth, P.E.<sup>1</sup>*  
*Steve High<sup>1</sup>*  
*Lisa Bernstein, P.E.<sup>1</sup>*

### Transportation Planning and Grant Funding

*Karen Kiselewski, AICP<sup>3</sup>*  
*Peng Zhu, P.E., Ph.D.<sup>3</sup>*  
*Michael Williamson<sup>3</sup>*  
*Erin Kersh<sup>3</sup>*



## Planning and Design Services

for the Dixie Highway  
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### Tab 6

# Statement of Skills and Experience of Project Team



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## 6. Statement of Skills and Experience of Project Team

Our project team has the expertise to serve the City on the multiple disciplines required by the City of Pompano Beach's Planning and Design Services for the Dixie Highway Streetscape Improvements Project, P-33-18. The members of our project team were selected based upon their experience with infrastructure projects of similar scale and complexity; and their availability to assume major project responsibilities on this contract. Our project team will make coordination with the City of Pompano Beach staff our top priority. Kimley-Horn is not focused on the short-term result, but is committed to instituting a long-term relationship founded on trust, respect, and teamwork. We are confident that our project team will exceed your expectations. Kimley-Horn's professionals are accustomed to working on projects involving multiple diverse components and understand the importance of productive coordination to provide the required high-quality services in an efficient and timely manner.

Kimley-Horn is a multidisciplinary firm that pride ourselves on our responsiveness and commitment to our clients. Our firm is structured to attract and retain professionals who are highly-skilled, knowledgeable, and dedicated. This commitment to our people has been the hallmark of our firm and cornerstone of our growth over the last 50 years. Local staff based in our Fort Lauderdale and West Palm Beach offices, with the support of key personnel from our offices in our Florida Region, will be responsible for the management and production of this program. With almost 200 staff in the Fort Lauderdale and West Palm Beach offices combined and more than 600 in the Florida region, Kimley-Horn has the quality resources to serve the City with responsiveness and expertise. Ultimately, people are the most important element in the successful completion of your project.

The Kimley-Horn team for this project consists of a group of experts in their respective fields who are committed to collaboration and responsive, personal service. Our staffing plan for this project combines a wealth of local knowledge and experience with a proven track record of success on similar projects. All Kimley-Horn project managers use an internal workload forecasting tool each month that details each staff member's workload. Project tasks ahead of schedule, behind schedule, and those needing additional resources are identified. Our staff resources are then reallocated if needed to keep each project on schedule. Kimley-Horn's depth of resources, communication, and flexibility allows us to assemble multiple design teams internally to work on various phases on the project simultaneously; this is critical to meeting both short- and long-term deadlines consistently.

Our project team includes a highly-qualified project manager with local knowledge and extensive experience. **Marwan Mufleh, P.E.** is an experienced project manager and has a proven track record of managing his project teams to success.

### *Subconsultants*

Kimley-Horn has partnered **EDSA** and **Keith and Associates** as well as **Traf Tech**, **Florida Engineering and Testing**, and **Cambridge Systematics** to offer the City a team which is deeply knowledgeable of and experienced with the project area.

The Kimley-Horn team's history working with and for the City, paired with our specific history with the Dixie Highway Streetscape project and exceptional technical skills, make us the best team to serve the City on this project.

### *Similar Project Experience*

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





## Planning and Design Services

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### Pompano Beach Streetscape and Dune Restoration

Pompano Beach, FL

**Services:** Detailed Design and Construction Administration







## Planning and Design Services

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### Las Olas Boulevard Corridor Improvements

Fort Lauderdale, FL

**Services:** Master Planning, Detailed Design and Construction Administration Las Olas Boulevard Corridor Improvements





## Oakland Park-Downtown Master Planning

Fort Lauderdale, FL

**Services:** Master Planning, Detailed Design and Construction Administration Oakland Park-Downtown Master Planning





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for the Dixie Highway  
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**Tab 7**

# Resumes of Key Personnel



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# Marwan Mufleh, P.E.

*Kimley-Horn Team Leader/Project Manager  
Roadway Design/Civil Engineering  
Public Outreach*



## Relevant Experience

**MLK Jr. Boulevard Improvements and Downtown Connectivity, Pompano Beach, FL** — Kimley-Horn was a subconsultant to Keith and Associates Inc. to provide professional engineering design and related services to the City of Pompano Beach 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, FL** — 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, FL** — Supervised 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** — 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

## 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

## 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

# Marwan Mufleh, P.E.

## *Relevant Experience (continued)*

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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 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.

**Federal Highway (US 1) Enhancements, Delray Beach CRA** — Project manager. This project included two miles of the US 1 oneway 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, FL** — 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.

# Brian Good, P.E.

*Quality Assurance/Quality Control*



## Relevant Experience

**CR 707/Dixie Highway Roadway Improvements and Streetscape Design, Stuart, FL** — Project manager. Kimley-Horn prepared construction documents to support the development of the Rio Town Center Streetscape. The existing two-lane rural roadway was visualized to be reconstructed into a two-lane, divided urban corridor with on-street parking, a community featured roundabout to accommodate a future art installation, 10-foot-wide sidewalks along either side, landscaping/hardscape improvements, and street lighting. The corridor will serve as the backbone of the Rio Town Center master development plan. Consulting services included construction document development, agency permitting, public involvement workshops, coordination with franchise utility operators to support undergrounding of overhead utilities, and post-design construction phase services. Roadway construction was completed in June 2012, and we completed the design for the sidewalk improvements in 2014.

**Aviation Boulevard Improvements (43rd Avenue to US 1), Vero Beach, FL**  
Project manager on the Kimley-Horn team for the 3.1 miles of streetscape roadway improvements. Our services on this project included topographic survey, right-of-way mapping, roadway design, signal design, public involvement and stormwater design. This project required extensive permitting with FEC railroad, SJRWMD, IRFWCD, ACOA, FAA, IRCO, the City, and property owners along the corridor.

**Broadway Avenue and Adjacent Side Street Streetscape Improvements, Programmatic Categorical Exclusion, Kissimmee, FL** — Project manager. Kimley-Horn was responsible for completing the programmatic categorical exclusion checklist and documentation for this Local Agency Program funded project. This project was part of the implementation of Phase II of the City of Kissimmee's Master Redevelopment Plan developed by the Community Redevelopment Agency (CRA). The CRA proposed to convert Broadway Avenue from a four-lane, divided roadway to a two-lane, divided roadway from Ruby Avenue to Drury Avenue. The project also includes streetscape improvements on the side streets of Stewart, Darlington, Monument, and Dakin Avenues and Sproule Street. The services involved evaluating the site for wetlands, listed species and contamination involvement and completing the documentation to demonstrate that the project impacts were minor and could meet the requirements to categorically exclude the project from the National Environmental Policy Act. Because the project is located in historic downtown Kissimmee, coordination was required regarding the potential adverse effects to historic properties. We were able to demonstrate that there would not be an adverse effect.

**Barton Boulevard Streetscape, Rockledge, FL** — 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. 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.

## Special Qualifications

- Has 22 years of experience related to transportation design projects, including roadway geometric design, hydrologic and hydraulic analyses, plans preparation, and bridge hydraulics
- Has performed drainage designs and provided solutions for transportation, aviation, residential, and retail projects
- Stormwater management experience includes hydrological and hydraulic analysis on drainage basins and floodplains from 10 to 50,000 acres, floodway analysis on Federal Emergency Management Agency (FEMA) regulated floodways, and bridge hydraulic backwater analysis for numerous Florida Department of Transportation (FDOT) structures

## Professional Credentials

- Bachelor of Science, Environmental Engineering, University of Central Florida, 1995
- Professional Engineer in Florida, #56939, February 15, 2001
- American Society of Civil Engineers (ASCE), Member
- California Water Environment Association, Member
- Toastmasters International

# Brian Good, P.E.

## *Relevant Experience (continued)*

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

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

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

**North 13th Street Phases I through III, Fort Pierce, FL** — Project manager. Under our general services contract with the City of Fort Pierce, the Kimley-Horn team is providing roadway, drainage, signalization, landscape, street lighting, and streetscape improvements for this project. The project encompasses 1.8 miles of North 13th Street between Georgia Avenue and Avenue Q. The design includes nearly every aspect of street reconstruction, along with landscape and hardscape aesthetic improvements. Electric utilities will be relocated underground, curbs and sidewalks replaced, street lighting and furnishings added, and the entire corridor will be landscaped. Kimley-Horn has completed 100% plans for the project and it is awaiting funding.

**NW 84th Street, Programmatic Categorical Exclusion, Plantation, FL** — Project engineer. Kimley-Horn was responsible for completing the Programmatic Categorical Exclusion Checklist and documentation for this Local Agency Program funded project. The project included streetscape improvements within the City's Central Plantation Development District Master Plan area, a 2025 redevelopment plan approved by the City Council in December 2002. The objective of the master plan is to encourage mix-used growth and redevelopment of the area. The plan focuses in part on pedestrian-friendly routes and enhanced transit opportunities. Other improvements include increasing sidewalk widths to a minimum of eight feet; landscaping and irrigation; pedestrian lighting; rest stops along the route with benches, bike racks, and trash receptacles; and transit stop improvements (including ADA-complaint landing pad, bench, bicycle racks, and trash receptacles). The services involved evaluating the site for wetlands, listed species, contamination involvement, and completing the documentation to demonstrate that the project impacts were minor and could meet the requirements to categorically exclude the project from the National Environmental Policy Act. Documentation was submitted to the Florida Department of Transportation on behalf of the City for review.

**Streetscape for SR 60 and 58th Avenue, Indian River County, FL** — Project manager for Kimley-Horn team providing streetscape services for this project that involves widening a prominent intersection in Indian River County from four lanes to six lanes by adding turn lanes. This high-profile intersection has limited right of way; because of the limited right of way, streetscape and landscape opportunities will be somewhat limited as well. A joint venture with private and public property owners will be necessary to make improvements to the streets, which belong to both entities.



# Sean Bukovich, P.E.

## Roadway Design/Civil Engineering



### Relevant Experience

**SR A1A Lane Reduction and Complete Streets Design, Hollywood, FL** — Project engineer on the Kimley-Horn team serving the City of Hollywood to help reduce the travel lanes widths 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, 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.

**Las Olas Boulevard Corridor Improvements, Fort Lauderdale, FL** — Project engineer. 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. Kimley-Horn is providing the initial site civil engineering design, roadway design, permitting coordination, stormwater, utility, franchise utility coordination, and other services.

**Design-Build Criteria Packages for Broward MPO Regional Complete Streets Initiatives, FDOT District Four** — Project engineer for the development of five design-build criteria packages for the following locations in Broward County: Hammondville Road from Powerline Road to W. of I-95; NW 31st Avenue from Commercial Blvd to McNab Road; Powerline Road from Oakland Park Blvd to Commercial Blvd.; Lauderdale Lakes Greenway from NW 31st Ave to NW 29th Ave.; and Riverland Road from SR 7/US 441 to SR 842/Broward Blvd. The MPO requested the construction of new bicycle and pedestrian facilities in the existing right-of-way to improve safety and access for Broward's residents and provide more transportation alternatives. Design services also include milling and resurfacing, utility coordination, signing and pavement marking, signal improvements, landscaping, and public involvement.

**Wiles Road Design from Riverside Drive to Rock Island Road, Broward County, FL** — 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. 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 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.

**SR A1A Streetscape Improvements, Fort Lauderdale, FL** — Project engineer. Kimley-Horn is providing full civil engineering services for the redevelopment of the existing streetscape of State Road A1A Northbound from the South Beach Parking to Alhambra Street along Fort Lauderdale Beach. The project consists of improving the sidewalk on both sides of the street outside of the curbing in order to provide modern and cohesive look, a definitive delineation between the pedestrian zone and the outdoor restaurant

### Special Qualifications

- More than five years of engineering experience
- Responsibilities include roadway, drainage, signing and pavement marking and signalization design; developing roadway profiles; cutting cross-sections; performing calculations; coordinating plan preparation; creating OPC's and utilizing FDOT's LRE system; and assisting on project reports
- Provides support to senior engineers on projects that involve roadway and drainage design
- Extensive experience with Broward and Palm Beach County municipal clients

### Professional Credentials

- Bachelor of Science, Civil Engineering, Florida Atlantic University, 2012
- Professional Engineer in Florida, #84287, December 16, 2017
- Florida Engineering Society, Member

# Sean Bukovich, P.E.

## *Relevant Experience (continued)*

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café zone, and improve pedestrian experience while walking along the beach and to its businesses. The trees and light poles are being consolidated near the back of curb to open up the pedestrian zone and provide a clear walking path. Kimley-Horn is the prime consultant on the project, with a team of local subconsultants, and is responsible for providing the civil engineering, permitting, coordination, and other services for the complete project.

**Las Olas Blvd and Colee Hammock Neighborhood Traffic Calming, Fort Lauderdale, FL** — Project engineer. Kimley-Horn provided professional services to address 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 area also included the Colee Hammock neighborhood, which was part of an earlier study to address short, mid and long-term improvements in the area. Improvements included enhanced crosswalks, lane elimination (road diet) for portions of corridor, and warning lights for improved safety. Our team provided plans for signing and pavement markings for these improvements, as well as lighting plans and permitting application preparation.

**SR A1A RRR Design from East of Mercedes River Small Bridge to Sunrise Boulevard, FDOT District Four** — 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. Kimley-Horn is using a holistic approach to ensure connectivity of the different modes of transportation including bicycle storage facilities and special signing to achieve a successful design within FDOT guidelines. Our work includes drainage repair, sidewalk modifications to meet ADA criteria, traffic control plans, lighting evaluation, and local agency coordination.

**Boynton Beach Boulevard Design from East of I-95 to US 1, Boynton Beach, FL** — 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.

**Federal Highway (US 1) Interim and Final Enhancements, Delray Beach CRA, Delray Beach, FL** — Project engineer. 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.

**SE Neighborhood Street Reconstruction, Delray Beach, FL** — Project engineer. Kimley-Horn was retained by Delray Beach for the reconstruction of the following streets: SE 5th Street from SE 6th Avenue to SE 7th Avenue, SE 7th Avenue from SE 5th Street to SE 4th Street, SE 7th Street from SE 6th Avenue street end. The scope included preparing construction plans for the streets above at existing grade. Kimley-Horn's services include coordinating site surveying, attendance at public meetings, pavement design, establishing new profiles to fix existing drainage issues, analyzing adjacent landscaping to determine needs for relocation, utility coordination, permit coordination, development of typical cross sections, preparing final design plans for the improvements, incorporating City of Delray Beach complete streets principals and providing opinions of probable costs.

**North J Street Design and Reconstruction, Lake Worth, FL** — Project engineer. As part of the City's Neighborhood Bond Program, the Kimley-Horn team is providing design and roadway reconstruction drawings. Traffic calming and pavement rehabilitation measures will be strategically developed and implemented to improve the overall quality of this section of North J Street (from 3rd Avenue to 8th Avenue). The team is providing utility coordination, roadway and drainage design, signing and pavement marking, landscape architecture, and extensive public involvement services including preparing graphics and attending community events.

# Jim Sumislaski, P.E.

## Roadway Design/Civil Engineering



### Relevant Experience

**Palmetto Park Road Improvements and Downtown Boca Raton Pedestrian Promenade, Boca Raton, FL** — Project manager. Kimley-Horn provided full roadway and streetscape design and landscape architectural design to create a pedestrian-friendly downtown with emphasis on a promenade connecting Plaza Real with Mizner Park. Intersections were redesigned to reduce pavement crossing width, minimize turn lanes, emphasize pedestrian crossings, and modify signal timing to improve the pedestrian and downtown environment for this Complete Streets project. Special emphasis was placed on providing an inviting pedestrian experience along retail businesses and providing on-street parking. Improvements include brick paved intersections, introduction of curbless streets along NE 1st Avenue, reconstruction of Boca Raton Road with an inverted crown roadway with wider sidewalks and on-street parking.

**Wiles Road Design from Riverside Drive to Rock Island Road, Broward County, FL** — 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. 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 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.

**Federal Highway (US 1) Final Enhancements, Delray Beach, FL** — Project engineer. 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.

**SW 67th Avenue Design, Davie, FL** — Project engineer responsible for signing and marking/roadway design. The Town of Davie's SW 67th Avenue project serves an extension of the Town's existing roadway from NW 41st Court south to Orange Drive. The expansion provides approximately 1,400 linear feet of a new 2-lane roadway that includes roadway swales and exfiltration trench for drainage. Along with the roadway and drainage improvements, the project includes an 8-foot-wide sidewalk addition to improve pedestrian and equestrian traffic through the Town. The project provides additional access to the area schools and will help alleviate the traffic on Davie Road extension. Kimley-Horn is now providing construction phase services.

**Boca Raton Continuing Traffic Engineering Services, Boca Raton, FL** — Project engineer. Kimley-Horn has provided traffic engineering review services on an ongoing basis since 2001. Services include review of traffic concurrency studies, parking studies, and technical deviation requests. Kimley-Horn has reviewed traffic and parking studies for a large student housing complex proposed to serve Florida Atlantic University students, a redevelopment of the Glades Plaza Shopping Center, and the

### Special Qualifications

- Has 36 years of experience in design and preparation of construction plans, including roadway geometrics, specifications, signalization plans, lighting plans, signing and pavement marking plans, permitting, and traffic control plans
- Serves as senior project manager and Engineer of Record on a variety of roadway and lighting projects
- Versed in Microstation, Geopak, and AGI 32 lighting analysis computer design program

### Professional Credentials

- Bachelor of Science, Civil Engineering, Merrimack College, 1982
- Professional Engineer in Florida, #38841, August 10, 1987
- Florida Engineering Society, Member

# Jim Sumislaski, P.E.

## *Relevant Experience (continued)*

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redevelopment of a convenience store along Glades Road. Also helps City staff, meets with applicants, and supports City staff at public hearings.

**City of Boca Raton Design Manual, Boca Raton, FL** — Primary engineer and technical advisor to the City of Boca Raton to review and update the existing City of Boca Raton Design Standards Manual. This work included reviewing current City standards; reviewing City codes, ordinances, and standard details; and recommending modifications and enhancements thereto. The outcome was a more comprehensive manual that addresses recent design standards and practices in the construction and design industry. The manual serves as a guide to the City, engineers, developers, contractors, or anyone else performing construction inside public rights of way under the jurisdiction of the City of Boca Raton.

**NE/NW 48th Street, Broward County, FL** — Project manager and CEI supervisor for this 2.5-mile urban roadway design in Broward County. Design responsibilities involved geometry, drainage design, permitting, signalization, and railroad coordination.

**Royal Palm Boulevard Improvements, Margate, FL** — Structural engineer. Our services included the engineering design and development of construction documents for Royal Palm Boulevard Improvements beginning approximately 200 feet± east of the Margate Canal and extending east to the west half right-of-way of SR 7 (441), approximately one mile in total length. The project involved 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, minor drainage improvements, and lighting improvements. Professional services included design, permitting, coordinating with utility providers for adjustments and/or relocations, preparing quantity calculations and engineers' estimates of probable costs, and limited construction phase services.

**Broward Boulevard Improvements, Broward County, FL** — Project manager and CEI supervisor for the construction of Broward Boulevard from Pine Island Road to University Drive. This project entailed the widening of five parallel bridges and a precast concrete wall.

**Dixie Highway Flyover Design-Build, FDOT District Four** — Project manager for Kimley-Horn's services to design 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. Project was design/ build with only seven months to completely design project and release to construction.

**Eller Drive Improvements, Port Everglades, Fort Lauderdale, FL** — Project manager and responsible engineer for the 1.5-mile improvement of this major access road to Port Everglades. This project included a bridge over a well-populated manatee area and wetlands, as well as special effort for the signalization coordination with the Port's public safety station.

**(SR 91) All Electronic Tolling (AET) 5B Conversion Sawgrass Expressway Design-Build, Florida's Turnpike Enterprise** Engineer of record for ITS. This project involves the AET conversion of 20 miles of the Sawgrass Expressway from I-595 to Florida's Turnpike in Broward County, including two mainline toll plazas and fifteen ramp plazas. The conversion included demolition, grading, paving, maintenance of traffic, signing and pavement markings, lighting modifications, drainage, permitting, ITS, utility coordination, tolling, architecture with MEP, and landscaping. Kimley-Horn's scope also included signing and pavement marking plans, including structural design, lighting plans, ITS plans, and landscaping plans.

**Spanish River Boulevard, Boca Raton, FL** — Project manager for the widening of two miles of roadway from two-lane rural to four-lane urban divided section in the City of Boca Raton. The project includes the minor widening of a 440-foot bridge over I-95 and an innovative stormwater treatment system.

**I-95 Interchange Master Plan from South of Hallandale Beach Boulevard to North of Hillsboro Boulevard in Broward County, FL** — Project manager for Kimley-Horn's services as subconsultant for the I-95/Broward County Interchange Master Plan. Involves a study of the nineteen existing interchanges from Hallandale Beach Boulevard to Hillsboro Boulevard in Broward County. Kimley-Horn is tasked with developing improvements for the six interchanges in Broward County (Hallandale Beach Boulevard, Pembroke Road, and Hollywood Boulevard, Sheridan Street, Stirling Road, and Griffin Road).



# Gin Ng, P.E.

## Roadway Design/Civil Engineering



### Relevant Experience

**Quadrille Boulevard Streetscape Improvements, West Palm Beach, FL** — Project engineer. The City of West Palm Beach tasked Kimley-Horn to provide engineering and landscape architectural design services to implement streetscape improvements for Quadrille Boulevard from Okeechobee Boulevard to Datura Street. Improvements included new sidewalks along the west side of Quadrille, street trees, landscaping, site furnishings, irrigation, street lighting, and decorative crosswalks. Landscaping for the corridor features a low-water use perennial peanut groundcover in lieu of turf grasses and large Live Oak shade trees that will overhang the sidewalk and provide shade to pedestrians. The project was funded with a Metropolitan Planning Organization grant administered by FDOT under the Local Agency Program (LAP).

**Wiles Road Design from Riverside Drive to Rock Island Road, Broward County, FL** — 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.

**Wiles Road Design from Rock Island Road to US 441 (SR 7), Coral Springs, FL** Project engineer 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 U.S. 441 (State Road 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.

**Burnt Store Road Design, Phase 3, Punta Gorda, FL** — Project engineer for the Kimley-Horn team that is providing roadway design services on this project for Charlotte County. Specifically involved with drainage design/permitting and low impact development (LID) design. Other tasks include drainage design; utility design; permitting and coordination with USACE, FDEP, Charlotte County, and SWFWMD; traffic studies; public involvement; maintenance of traffic; structural design; landscape architecture; and construction engineering and inspection (CEI). The Kimley-Horn team is using several innovative production and design processes, including LID, photogrammetric mapping, phased construction, and conducting design review workshops.

**MDX Design Engineering for SR 874 (Don Shula Expressway) from Kendall Drive to SR 826, Miami, FL** — Lead design engineer and engineer of record for signing and pavement marking. The project consisted of the widening of SR 874 and included complex roadway design, drainage design, signing and marking, lighting, signalization, retaining walls, noise barrier walls, bridge widening plans, permitting, and

### Special Qualifications

- Has 23 years of experience in design and preparation of construction plans, including roadway geometrics, specifications, signing and pavement marking plans, permitting, and traffic control plans
- Project management experience including work planning, scheduling, budgeting and quality control
- Extensive experience on interstate and large-scale roadway and bridge projects
- Serves as lead design engineer and assistant project manager on a variety of roadway projects
- Has worked on FDOT District Four projects since 2000
- Serves as lead design engineer and assistant project manager on a variety of roadway projects
- Proficient in MicroStation and GeoPak and Drainage programs ASAD, ICPR and HEC-RAS
- Design of an eight-laning, ultimate express lane toll plaza (open road tolling), and new interchange for the Florida's Turnpike Enterprise

### Professional Credentials

- Master of Science, Civil Engineering, University of Arkansas, 2000
- Bachelor of Science, Civil Engineering, University of Arkansas, 1994
- Professional Engineer in Florida, #58123, February 1, 2002

# Gin Ng, P.E.

## *Relevant Experience (continued)*

public involvement services. The nature of the project changed and was re-procured as a Design-Build project. Kimley-Horn prepared 99% design plans and the subsequent design-build criteria package.

**Lake Worth Road Interchange Right-Turn Lane at Florida's Turnpike, Florida's Turnpike Enterprise** — Lead design engineer for roadway design of a new westbound right-turn lane at the entrance to the Florida's Turnpike northbound entrance at the Florida's Turnpike. Work included roadway design, drainage design, utility coordination, traffic control, signing and pavement markings, signalization and required coordination with FDOT District Four. The project was on a fast-track schedule to be completed December 2013 utilizing a condensed review schedule.

**Districtwide Traffic Operations 3R Safety Reviews, FDOT District Four** — Task leader for minor design and constructability assessments. Evaluated the feasibility of retrofitting Broward Boulevard between SR 7 and I-95 interchange to provide dedicated bike lanes. Also reviewed as-built plans and performed design calculations to determine the need for cross-slope and superelevation corrections on I-95 in Martin County.

**Federal Highway (US 1) Interim and Final Enhancements, Delray Beach, FL** — Lead design engineer and assistant project manager. This multi-phased project included a study, conceptual design, temporary implementation of the design for a trial period, and final design of the permanent improvements. The City and its CRA adopted the Downtown Delray Beach Master Plan, and one of its key elements is a reconfiguration of the two one-way segments of US 1 from three lanes to two. Evaluated potential changes to the lane configuration along southbound and northbound segments of US 1. Developed alternatives, forecasted future traffic volumes for review with the City and the CRA, and led several public involvement workshops.

**West Tharpe Street Design, Tallahassee, FL** — Project engineer. This project involved the widening of West Tharpe Street from two lanes to a four-lane, divided urban section in Tallahassee. The project is 2.5 miles long and includes four stormwater treatment ponds, four traffic signals, the design of retaining walls through a deep cut section, noise walls, CSX railroad crossing improvement, and design of a new dual 5-foot x 8-foot culvert crossing under the roadway. The project also involved significant coordination between Leon County (client), City of Tallahassee, FDOT District Three, FDEP, and the utility companies. The project also has an extensive public involvement process.

**SR 5/US 1 and SR A1A RRR Design Services, 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.

**SR 710 (Beeline Highway) from Military Trail to Congress Avenue, Palm Beach County, FL** — Project engineer on the Kimley-Horn team responsible for assisting in horizontal and vertical design of roadway, drainage design, and development of traffic control plans. The project included the addition of two new lanes to provide a four-lane, divided urban section as well as the removal of the existing two-lane bridge and the construction of a new two-lane parallel bridge in its place.

**SR 710/Beeline Highway Design (East and West), FDOT District Four** — Lead design engineer for two reconstruction/widening projects. Responsible for the production of typical section, variation/exception, pavement design packages, bridge hydraulic report, and pond siting report. In charge of horizontal, vertical alignment geometrics and maintenance-of-traffic design. Assisted project manager in coordinating with clients and subconsultants. The combined length of both projects is 5.33 miles. The western project consists of the addition of two new lanes to provide a four-lane divided rural roadway, along with the replacement of the existing two-lane bridge and the construction of a new two-lane parallel bridge. The eastern project consists of the new construction to provide a four-lane divided urban roadway.

**SR 80 West (Haverhill Road to Kirk Road), SR 80 East (west of I-95 to Parker Avenue), FDOT District Four** Responsible for the detailed design of MOT including the associated temporary drainage design and construction phasing. Assisted in the utility adjustment design. Designed pavement composition for temporary detour and widening of MOT and developed automated quantity calculations and computation book utilizing Geopak's D&C Manager. Also responsible for pavement marking design. SR 80 East project includes widening a portion of I-95.

# Greg Kyle, AICP

## Transportation Engineering/Transit Elements



### Relevant Experience

**SR 811 “Dixie Highway” Lane Reduction Feasibility Study, Pompano Beach, FL**  
Project planner. SR 811 (Dixie Highway) is a north-south arterial, which parallels the Florida East Coast (FEC) Railroad. This study evaluated potential changes to the lane configuration of Dixie Highway between McNab Road and SW 2 Street and associated impacts to level of service on Dixie Highway and other roadways in the vicinity. The primary considerations of the lane reduction feasibility study included reduction of through travel lanes within the one-way pair segment from six to four, addition of on-street parking, addition of designated bike lanes, reduction of lane width to reduce speeds, and provision of street furniture, landscaping, and other decorative treatments. The study included development of conceptual plans and typical sections, traffic volume projections, level of service and crash data analysis, multimodal considerations, and stakeholder coordination to determine the feasibility of the lane reduction, which was approved by the Florida Department of Transportation (FDOT).

**30% Design-Build Documents and Bid Package for Pompano Beach Tri-Rail Station and East Lot Park-n-Ride Improvements, Pompano Beach, FL** — Project manager that prepared a design-build criteria package for improvements to the Pompano Beach Tri-Rail Station. The improvements included widening the existing station platforms to 25 feet and constructing a canopy to meet the South Florida Regional Transportation Authority's (SFRTA's) current station design guidelines; providing modifications to access ramps connecting to the new station platforms required for Americans with Disabilities Act (ADA) compliance; constructing a new pedestrian overpass; removing the existing customer service sales kiosk from the parking lot east of the station, and adding a new customer service kiosk and employee restroom to the station platform; modifying the existing parking lot east of the station to improve circulation by providing separate bus circulation and loading, kiss & ride drop-off, and taxi staging areas; constructing/installing other passenger amenities, including covered benches, bicycle racks/bicycle lockers and landscaping; installing energy efficiency enhancements, including light emitting diode (LED) lighting, machine room-less (MRL) elevators, and photovoltaic (solar panels) electric generation; and retrofitting and upgrading existing drainage facilities. The project also includes many “green” elements and the design-build package includes specifications to obtain Silver LEED® certification.

**Pompano Beach Tri-Rail Station Improvements, South Florida Regional Transportation Planning Authority (SFRTA), Pompano Beach, FL** — Project manager for the Categorical Exclusion, which was approval by FTA. Kimley-Horn also completed a Phase I Environmental Site Assessment (ESA) to identify potential contamination concerns on the property. The station improvements include 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.

**South US 1 Bus Rapid Transit (BRT) Improvements Study, Broward County, FL**  
Principal-in-charge. This project focused on Bus Rapid Transit improvements for South US 1 between Downtown Fort Lauderdale and Aventura Mall (Miami-Dade County). The study developed a package of short and medium term implementation projects and identified long term investments to improve transit service, mobility, livability, and

### Special Qualifications

- Has 20 years of transportation planning and transit operations experience working on a wide range of projects, including Alternatives Analysis, PD&E/NEPA studies, corridor studies, transit systems evaluation and service operating plans, transit-oriented development, stations and intermodal facilities, and project implementation and oversight
- Expertise in multimodal transportation planning, including travel demand forecasting, traffic simulation, and traffic operations analysis
- Further expertise in intermodal facilities, freight and goods movement, and alternative transportation modes
- Extensive experience in public outreach and interagency coordination, including presenting findings to decision-making boards of elected and appointed officials

### Professional Credentials

- Master of Science, Urban Planning, Florida State University, 1994
- Master of Business Administration, Business Administration, Florida Atlantic University, 2005
- Bachelor of Science, Political Science, Florida State University, 1992
- American Institute of Certified Planners, #013000, July 1997
- American Planning Association (APA)

# Greg Kyle, AICP

## *Relevant Experience (continued)*

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support economic development along the corridor. Multijurisdictional coordination included an advisory committee consisting of five municipalities, two counties, two state agencies, an international airport, and eight additional stakeholder agencies. The solutions included transit infrastructure, traffic signalization, intelligent transportation systems (ITS), and complete streets to support transit oriented development, multimodal facilities, and improved surface transportation.

**Downtown Fort Lauderdale Mobility Hub Joint Development Initiative, FL** — Project planner serving the City of Fort Lauderdale, in partnership with the South Florida Regional Transportation Authority, Fort Lauderdale Northwest-Progresso-Flagler Heights Community Redevelopment Agency (NFP-CRA), Broward Metropolitan Planning Organization (MPO), and Florida Department of Transportation (FDOT), identifying physical and programmatic requirements and opportunities surrounding a public-private partnership to develop the Downtown Mobility Hub. The Downtown Mobility Hub Joint Development Initiative is identifying privately-funded vertical development opportunities surrounding public transit facilities and infrastructure improvements.

**SFRTA Station Area Master Planning for the Pompano Beach, Delray Beach, and Fort Lauderdale/Hollywood International Airport at Dania Beach Tri Rail Stations, Pompano/Delray/Dania Beaches, FL** — Project manager for a project which identified potential station improvements at three Tri-Rail stations and evaluated the feasibility of implementation, estimated costs and recommended a package of improvements for each station. The project included professional civil and geotechnical engineering, environmental analysis and documentation, surveying and preliminary permitting services associated with the master planning of station infrastructure enhancements such as improved parking, circulation, pedestrian and/or bicycle facilities, platform reconstruction, and passenger amenities.

**Opa-locka Transit Circulator Study, Opa-locka, FL** — Project director for the Kimley-Horn team performing a transit circulation study to develop a transit circulator service for the City of Opa-locka. A transit circulator will enhance mobility within the City, provide better access to major attractions such as schools and parks, and improve connections to the regional transit system. A transit circulator could have a positive impact on traffic congestion, parking, accessibility, and foster growth in Miami-Dade County's urban infill area (UIA). The Kimley-Horn team is providing the following tasks to successfully complete this study: data analysis, system development, implementation strategy, study coordination/public involvement, and report.



# Chris Heggen, P.E.

## *Transportation Engineering/Transit Elements*



### Relevant Experience

**SR A1A Complete Streets Design, Hollywood, FL** — Transportation engineer 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 FDOT 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

**Continuing Traffic Engineering Services, Boca Raton, FL** — Transportation engineer for traffic engineering review services on an ongoing basis. Services include review of traffic concurrency studies, parking studies, and technical deviation requests. Kimley-Horn has reviewed traffic and parking studies for a large student housing complex proposed to serve Florida Atlantic University students, a redevelopment of the Glades Plaza Shopping Center, and the redevelopment of a convenience store along Glades Road. Also helps City staff, meets with applicants, and supports staff at public hearings.

**Gateway Enhancements and Welcome Signage, Boynton Beach, FL** — Project engineer assisting with 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. Key services included obtaining FDOT Community Aesthetic Feature approval, City of Boynton Beach right of way permitting, coordination with FEC railroad, and electrical coordination with FPL for new service. The signs were installed in January 2016.

**Restoration Hardware, West Palm Beach, FL** — Project engineer. Kimley-Horn provided traffic engineering, landscape architecture, and civil engineering for the project, as well as permitting assistance, public hearing participation, public outreach meetings with neighboring businesses and residents, and construction phase services. Permitting assistance included utility, drainage, driveway connection, and landscape approvals through FDOT, Level III site plan approval (with periodic modifications) through the City of West Palm Beach Planning and Zoning Department, engineering, landscape, and building permit approvals through the City of West Palm Beach, and Palm Beach County Traffic Division and FDOT approvals for the traffic study, offsite crosswalks, and pedestrian signals.

**Dania Pointe, Dania Beach, FL** — Transportation engineer assisting with site planning; zoning and planning, including creation of development guidelines for the 102 acre site; assistance with site and offsite approvals and entitlements; design and permitting of offsite roadway; design and permitting of an additional northbound lane to I-95 at the Stirling Road off ramp.

**Lake Worth Beach Redevelopment, Lake Worth, FL** — Reviewed traffic impact study and worked on FDOT concept driveway approvals. Kimley-Horn developed design criteria and site plan alternatives for a proposed redevelopment of its public beach.

### Special Qualifications

- Has 20 years of transportation engineering experience
- Knowledge of highway capacity software, SYNCHRO, CORSIM, and Florida Standard Urban Transportation Model System (FSUTMS) software
- Experience with zoning issues and comprehensive land use plans

### Professional Credentials

- Master of Science, Civil Engineering, Georgia Institute of Technology, 1998
- Bachelor of Science, Civil Engineering, Georgia Institute of Technology, 1997
- Professional Engineer in Florida, #58636, June 20, 2002
- Institute of Transportation Engineers (ITE)

# Chris Heggen, P.E.

## *Relevant Experience (continued)*

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Proposed improvements included boardwalks, parking lots, roads, utility and drainage infrastructure, walkways, landscaping, street furnishings, pavilions, beach lockers, playground equipment, lighting, restrooms, and other site amenities. Our team also assisted the City in negotiating a new interlocal agreement with Palm Beach County to secure up to \$5 million in funding for the public improvements.

**Northlake Boulevard and Hiatt Drive Signal Warrant Analyses, Palm Beach Gardens, FL** — Analyzed traffic volumes at the intersection of Hiatt Drive and Northlake Boulevard in comparison to signal warrant criteria adopted in the Manual on Uniform Traffic Control Devices. Coordinated with Palm Beach Gardens and County staff on review of field conditions and requirements for installation of signal at this intersection.

**Clematis Street and Narcissus Avenue Circulation Study, West Palm Beach, FL** — Evaluated option of converting a portion of Narcissus Avenue from one-way to two-way operations. The evaluation included an analysis of changes in level of service at surrounding intersections resulting from changes in vehicular patterns, as well as analyses of geometric roadway constraints.

**PGA Place, Palm Beach Gardens, FL** — Prepared traffic impact analyses and shared parking evaluation for this mixed-use site on PGA Boulevard in Palm Beach Gardens. Originally containing a mix of office, industrial, retail and furniture store uses, the site was partially built out, including the corporate headquarters for Tire Kingdom (TBC Corporation). Kimley-Horn's services included evaluations of off-site impacts, including roadway and intersection capacity analyses, evaluation of turn lane requirements and adequacy in serving site traffic.

**Metropica DRI, Sunrise, FL** — Prepared traffic analyses for DRI and Land Use Plan Amendment for mixed-use retail, office, and residential project. Analyses included regional and local traffic impacts. Coordinated with review agencies to identify roadway, ITS, and transit mitigation measures to offset project traffic impacts.

**Bank Atlantic Center (now BB&T Center), Sunrise, FL** — Prepared traffic analyses to evaluate conceptual additional mixed-use development on site. Prepared evaluations and presented alternatives to Florida's Turnpike representatives regarding modifications to toll road ramp entry/exit at site.

**Waterways II Shared Parking Analysis, Weston, FL** — Evaluated expected parking demand at shopping center to determine actual supply requirements for the overall mixed-use site.

**Boca Raton Regional Hospital Emergency Department Addition, Boca Raton, FL** — Traffic impact analyses for hospital's Emergency Department addition. Analyses included evaluations of off-site traffic impacts, driveway operations, and on-site vehicular circulation and traffic operations to identify any needs for improvements and/or modifications.

**Mizner Park Valet Operations, Boca Raton, FL** — Prepared analysis of existing valet operations at two valet stands within Mizner Park and determined anticipated demand for proposed third valet stand. Provided recommendations for changes to operations, vehicular circulation, and traffic management to maintain non-valet vehicular circulation near the valet stands.

**Boca Raton Downtown Development of Regional Impact (DRI), Boca Raton, FL** — Prepared evaluations and summary document to compare level of service conditions to projected conditions in 1988 and 1992 DRI analyses. Prepared justification statements for the modification and/or elimination of previously adopted conditions of approval.

**Mirasol Beach Timeshare, Riviera Beach, FL** — Prepared traffic impact study for the proposed development of a timeshare resort on Singer Island. Provided supplementary analyses to evaluate impacts of the project in comparison to density allocations included in the comprehensive plan.

**Ocean 95 Industrial Park, Boynton Beach, FL** — Prepared traffic impact analysis for proposed industrial site in Boynton Beach. Prepared supplemental analyses to evaluate alternatives for truck routes to access site and potential alternatives for site access, which involved a CSX railroad crossing.

**Mirasol Beach Timeshare, Riviera Beach, FL** — Prepared traffic impact study for the proposed development of a timeshare resort on Singer Island. Provided supplementary analyses to evaluate impacts of the project in comparison to density allocations included in the comprehensive plan.

# Ian Rairden, P.E.

## Transportation Engineering/Transit Elements



### Relevant Experience

**Districtwide Traffic Operations 3R Safety Reviews, FDOT District Four** — Project engineer. Performed field reviews, crash data analysis, and traffic operational analysis for intersections and corridors. Other duties included writing technical reports, developing improvement alternatives, and providing recommendations based on the operational analysis of the alternatives.

**Districtwide Traffic Operations Studies, FDOT District Six** — Project manager since June 2015. The contract focuses on the development of various traffic operations and safety studies including signal and left-turn phase warrant analyses, data collection, traffic signal and arterial analyses, and safety tasks including fatal crash reviews and high crash site safety studies.

**I-95 Corridorwide Planning for Operational Deficiencies, US 1 to Broward County Line, FDOT District Six** — Project engineer. Kimley-Horn is developing and evaluating improvement concepts and performing a detailed planning level operational analysis for the I-95 corridor within District Six. The analysis includes evaluation of the study interchanges, interchange influence areas, and ramp junctions, as well as post-implementation operational conditions of the 95 Express corridor improvements. The purpose of this evaluation is to identify deficiencies focusing on recurring bottlenecks and to develop a series of proposed improvements to address the existing and future demands of the corridor. If necessary, multiple improvement alternatives will be developed for the mainline and system-to-system connections.

**I-95 Master Plan for 18 Interchanges from Hallandale Beach Blvd. to Hillsboro Blvd., FDOT District Four** — Project engineer. Kimley-Horn worked as a subconsultant to another firm for this project that entailed the identification of 18 interchange improvement projects (from south of Hallandale Beach Boulevard to north of Hillsboro Boulevard) that moved into the design phase in FY 2014/15 and FY 2015/2016. Kimley-Horn was responsible for analyzing six (6) of the 18 interchanges. The first tier of three (3) interchanges were submitted in August 2014, the remaining interchange studies were submitted in February 2015, and all interchange analyses will be documented in an Interchange Master Plan (IMP).

**NE 203rd Street and NE 215th Street Intersection PD&E Study, FDOT District Six** Project engineer. Kimley-Horn is part of a consultant team studying the potential grade separation at the Florida East Coast (FEC) Railway line crossings of NE 203rd Street/ Ives Dairy Road and/ or NE 215th Street. The purpose of the study is to eliminate vehicle conflicts with existing freight and future passenger trains of the FEC Railway while enhancing traffic operations and safety conditions in the area. The consultant team identified existing and expected deficiencies due to proposed improvements in the study area. The consultant team developed an alternative to avoid demolition of the existing overpass.

**PD&E Study for SR 5/US 1/Federal Highway from CR A1A to Beach Road, FDOT District Four** — Traffic engineer. 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 the existing bridge. Each alternative above will evaluate bringing the bridge up to FDOT standards including options to accommodate pedestrians and bicyclists.

### Special Qualifications

- Has 14 years of project engineering experience
- Experience in Highway Capacity Software (HCS) and Synchro software packages
- Experience with the Southeast Regional Planning Model (SERPM), Treasure Coast Regional Planning Model (TCRPM), and Northeast Regional Planning Model (NERPM) based on the Florida Standard Urban Transportation Model Structure (FSUTMS)

### Professional Credentials

- Master of Civil Engineering, Transportation Engineering, University of Florida, 2005
- Bachelor of Science, Civil Engineering, University of Florida, 2004
- Professional Engineer in Florida, #69224, January 29, 2009

# Ian Rairden, P.E.

## *Relevant Experience (continued)*

**Origin-Destination Surveys for Local Bus Service (South Garage), Miami-Dade TPO GPC V #22, Miami, FL** — Project manager. Kimley-Horn was selected by the Miami-Dade TPO to conduct on-board transit surveys for 22 Miami-Dade Transit bus routes serving downtown Miami, Miami Springs, Kendall, and Homestead. Our team interviewed about 6.5% of the 69,000 daily transit riders over six survey days to develop improved origin-destination, transit boarding and alighting, travel pattern, and socioeconomic data for inclusion in the Southeast Florida Regional Planning Model (SEPRM). The ongoing project will continue the traffic modeling improvements that was started the previous 2 years for the North Garage and Central Garage as well as provide an overall system-wide summary of the ridership characteristics for the MPO.

**Origin-Destination Surveys for Local Bus Service (Central Garage), Miami-Dade TPO GPC V #01, Miami, FL** — Project engineer. Kimley-Horn was selected by the Miami-Dade TPO to conduct on-board transit surveys for 25 Miami-Dade Transit bus routes serving Miami Beach, North Miami, Hialeah, and Miami Springs. Our team interviewed about 8% of the 75,000 daily transit riders over five survey days to develop improved origin-destination, transit boarding and alighting, travel pattern, and socioeconomic data for inclusion in the Southeast Florida Regional Planning Model (SERPM). The data quality combined with a strong overall response rate will improve geocoding, ridership forecasts, and the modeling efforts needed to support the numerous Federal Transit Administration (FTA) funded transit studies in the region.

**Miami River-Miami Intermodal Center Capacity Improvement (MR-MICCI), Miami, FL** — Project engineer. This project will provide additional mainline track(s) within the South Florida Rail Corridor from just north of the Tri-Rail Hialeah Market Station to the Tri-Rail Miami Airport Station, which in the future will be accommodated within the Miami Intermodal Center's (MIC's) Miami Central Station (MCS). The project will also include a new bridge across the Miami River to accommodate the additional mainline track(s). The additional mainline track(s) will address an existing capacity deficiency along the system that negatively impacts travel time and schedule adherence. The project is integrating the National Environmental Policy Act (NEPA) requirements into the Alternatives Analysis (AA) process. The Federal Transit Administration (FTA) is serving as the lead federal agency and the project is anticipating advancing as a project that could fall within the defined funding under the FTA's Small Starts or Very Small Starts programs.

**2035 Martin/St. Lucie Regional Long-Range Transportation Plan (RLRTP), Martin/St. Lucie Counties, FL** — Project engineer for the Kimley-Horn team that served as the technical consultant to the Treasure Coast Regional Planning Council (TCRPC) for preparation of the 2035 Martin- St. Lucie LRTP. Team responsibilities included developing socioeconomic data, travel demand modeling, Needs Plan development, financial resources analysis, developing the Cost Feasible Plan (CFP), developing the 2035 Transit Network, and developing the 2035 Pedestrian, Bicycle, and Greenways Network.

**2040 Long-Range Transportation Plan Update, Indian River County, FL** — Project engineer. Kimley-Horn developed the Indian River County MPO 2040 LRTP update. The 2040 LRTP Update was multimodal in nature and included highway, transit, pedestrian, bicycle, and transportation system management and operation (TSM&O) improvements to address the projected demand to year 2040. This effort made use of preferred land use scenarios and associated future year socio-economic datasets, identifying future transportation deficiencies, preparing a needs plan, projecting financial revenues and expenditures, and developing the 2040 cost feasible plan. Other tasks involved developing a public participation plan; updating goals, objectives, policies and performance measures; and conducting public workshops utilizing innovative methods to engage the public. During the effort, we received nearly 500 completed survey forms and comments cards from the public and elected officials.

**Midway Road (CR 712) from Glades Cutoff Road (CR 709) to Selvitz Road (CR 615) PD&E Study, St. Lucie, FL** — Traffic engineer. Kimley-Horn is a major subconsultant on this 1.6-mile segment of Midway Road. The project includes evaluating the widening of Midway Road from 2 to 4 lanes as well as a concept study for a new interchange with the Florida's Turnpike. Kimley-Horn was responsible for all traffic analyses, structures evaluations, and environmental (socio-cultural, wetland and endangered species— including extensive Audubon's carcara surveys) evaluations. In addition, Kimley-Horn was responsible for preparing the interchange concept report and coordinating the results with Florida's Turnpike Enterprise.

**SR A1A North Causeway PD&E Study, FDOT District Four** — Traffic engineer responsible for traffic analyses, Synchro analysis, TCRPM modeling, traffic volume development, and reports. 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.



# John McWilliams, P.E.

## *Transportation Engineering/Transit Elements*



### Relevant Experience

**Pompano Beach East Transit Oriented Corridor (ETOC) Transportation Analysis, City of Pompano Beach CRA** — Project manager for the City of Pompano Beach CRA to provide transportation support services for proposed land use plan amendment along the Atlantic Boulevard corridor to allow for increased residential/mixed-use density and improve walkability/connectivity. Duties include corridor operations analysis, transportation systems management/geometric improvements, neighborhood protection and enhancement plans, and community outreach/workshops.

**SR 992/Coral Reef Drive Corridor Study, FDOT District Six** — Project manager for a corridor-wide study of the SR 992 corridor, from the SR 821/Homestead Extension of Florida's Turnpike to US 1/SR 5/South Dixie Highway, performed as part of district-wide contract. Tasks included data collection, safety analysis, bicycle/pedestrian facility analysis, access management analysis, future traffic volume forecasting, transit assessment, future operational analysis, alternatives development, conceptual design, cost estimating, and intergovernmental coordination. Report recommended intersection improvements over corridor wide widening.

**Districtwide Intermodal Systems Planning (ISP) Contract, FDOT District Six** Project manager for task work-order based contract to provide on-call services to the District's Intermodal Systems Development office. Services included Strategic Intermodal Systems (SIS) support, interchange access reviews, corridor studies, bicycle/pedestrian program support, growth management and land development reviews, arterial analyses, special use lanes/TSM&O planning and evaluation, level of service calculation and reporting, GIS mapping, and data collection. Contract assignments have included intersection conceptual improvement studies, comprehensive land use plan reviews, and interchange justification/modification report reviews.

**General On-Call Traffic Engineering Services, Fort Lauderdale, FL** — Project engineer for general traffic engineering and transportation planning services as part of an on-call contract with the city. Kimley-Horn serves as an extension of the City of Fort Lauderdale staff reviewing traffic impact studies and parking analyses. Projects to date have included peer review of traffic impact and parking studies, site plan review, and representation at public hearings.

**Brickell City Centre, Miami, FL** — Serving as project engineer. Located at the core of the City's financial district, Brickell City Centre is a nine-acre mixed-use development—and one of the largest active projects in the City of Miami today. The proposed development includes 830 residential units, a 290-room hotel, and 906,463 square feet of office of which 95,117 square feet will serve as a medical office. The development will also include 535,300 square feet of retail of which 142,000 square feet will serve as entertainment uses such as a nightclub, cinema, and a bowling alley. Kimley-Horn is providing civil engineering, traffic engineering, roadway design, transit engineering, and construction phase services for the site.

**PD&E Study for NE 203rd & NE 215th Street Intersection Improvements, Miami-Dade County, FDOT District Six** — Serving as transportation engineer for a study of a potential full-grade separation at the FEC line crossings at NE 203rd and NE 215th streets to eliminate vehicle conflicts and enhance traffic operations. Tasks include design traffic analyses & documentation, grade separation analyses, environmental assessments, pedestrian routing analysis, and public involvement.

**I-95 Express Lanes Lessons Learned Report, FDOT District Six** — Project manager responsible for FHWA best practices report on the implementation of the 95 Express

### Special Qualifications

- Has 20 years of experience in traffic engineering and transportation planning experience, 18 of which have been in South Florida
- Expertise in traffic operations, transportation planning, and access management

### Professional Credentials

- Bachelor of Science, Civil Engineering, Ohio Northern University, 2000
- Professional Engineer in Florida, #62541, February 14, 2005
- Institute of Transportation Engineers (ITE)

# John McWilliams, P.E.

## *Relevant Experience (continued)*

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Managed Lanes project in Miami-Dade County. Work included 95 Express project team interviews, information compilation, and final reporting

**I-95/Ives Dairy Road Interchange Study, FDOT District Six** — Project engineer for an interchange operational study. Work included the traffic forecasting, field observations, traffic model calibration, development of short- and long-term improvements, and capacity analysis.

**US 27/SR 25 Okeechobee Road Action Plan, FDOT District Six** — Served as deputy project manager for the Kimley-Horn team retained by FDOT District Six to evaluate alternatives and prepare an action plan for the Okeechobee Road corridor. Provided travel demand modeling services, GIS mapping, and evaluation of alternatives. Worked with multi-disciplinary team to develop short-, medium-, and long-term strategies for Okeechobee Road. FSUTMS was used as a tool to develop traffic growth rates for project traffic forecasting. GIS was used as a database during the data collection process and to create maps for the action plan report and presentation.

**SR 710 Project Traffic Development and Operational Analyses, Palm Beach County, FDOT District Four** — Project analyst for the traffic design and traffic operations memorandum. Work included traffic forecasting (AADT and TMC) growth rate analysis, 18-kip ESAL reports, and intersection/arterial capacity analyses.

**US 1 Corridor Study, FDOT District Six, Marathon, FL** — Project analyst for a comprehensive corridor study of US 1 within the City of Marathon, Florida. Work included access management, capacity analyses, pedestrian/bike facilities evaluation, right-of-way evaluation, crash compilation and analysis, and development of recommendations.

**I-95 Express Lanes Phase 1A Monitoring Study, FDOT District Six** — Project manager responsible for evaluation of Phase 1A of the 95 Express Managed Lanes project in Miami-Dade County. Efforts included analysis of travel time, travel speeds, level-of-service, peak period traffic distribution, vehicle classification, vehicle occupancy, and person throughput.

**Districtwide Level of Service (LOS) Analysis, FDOT District Six** — Project analyst for the districtwide LOS report. Work included the analysis (generalized and detailed) of 350 roadway segments using various FDOT planning software programs. Project included integration of results into GIS database.

**Districtwide Safety Contract, FDOT District Four** — As analyst, conducted qualitative assessments, safety and operational analyses, and corridor studies. Work included data collection, field assessments, capacity analyses, and the development of safety improvements.

**Districtwide Safety Contract, FDOT District Six** — Project analyst conducting qualitative assessments, signal warrant analyses, safety and operational studies, and pedestrian studies. Work included data collection, field assessments, capacity analyses, and corridor modeling.

**SR 5/US 1/South Dixie Highway M-Path Crossings Evaluation Study – Phase 1, FDOT District Six, FL** — Project manager for a corridor-wide study examining more than 30 intersection M-Path crossing locations in the Miami-Dade County in order to identify short-term and long-term improvements to address bicycle/pedestrian safety along the share-used path. Tasks included field inventories, sight distance analyses, turning radii analyses, crash analyses, field visits, and the development of recommendations. Recommendations included improvement signage/pavement markings, curb ramp reconstruction, signalization improvements, and other geometric improvements.

**US 1/SR 5 Bicycle Master Plan, FDOT District Six, Miami-Dade County, FL** — Project manager for the development of a bicycle facility master plan for a 17-mile portion of SR 5/US 1 from the Broward County line to Interstate 95. Our work included design standards review and development; review of design plans, right-of-way plans, and as-built drawings; segmentation, implementation, and approach methodology development; field reviews; conceptual plan development; alternative routes review; and cost estimating. The project also included public outreach with affected municipalities and Miami-Dade MPO's Bicycle and Pedestrian Advisory Committee.

**I-395 Reconstruction from West of I-95 to McArthur Causeway, FDOT District Six & Private Developer** — Served as traffic engineer for site/civil engineering services for the 14-acre Bayfront site that previously housed the Miami Herald newspaper. Kimley-Horn prepared 15% concept plans for the reconstruction of I-395 from west of I-95 to McArthur Causeway. This involved intricate analysis of multiple roadway alignment alternatives, improvements to the network of local roads, MOT, drainage analysis, bridge analysis, modifications to the existing interchange of I-395/SR 836/I-95, signing master plan, utility analysis and impacts to the PD&E and further re-evaluations. It also included extensive coordination with FDOT, MDX and stakeholders.

# Josh Horning, P.E., LEED AP

## *Undergrounding Overhead Utilities*



### Relevant Experience

**Townwide Undergrounding of Utilities Program, Palm Beach, FL** — Project engineer. Subsequent to a state of Florida mandate that FPL “storm harden” all vital infrastructure and utility lines statewide, resulting in the installation of taller, concrete electric poles, the Town of Palm Beach chose instead to convert all aerial electric, communication, and cable lines to an underground location. Kimley-Horn serves as program manager and prime consultant designing and permitting the underground conversion process in close coordination with FPL, AT&T and Comcast. Kimley-Horn first developed a master plan to outline the schedule, sequencing, phasing, management of traffic impacts, project delivery methods, data collection, public outreach, design criteria, and projected costs. At the same time, Kimley-Horn performed the detailed design of Phase 1 of the program, which is now complete. Kimley-Horn and the Town also performed planning to address Town infrastructure needs (stormwater, gas, water and sewer) to determine if any renovation or replacement should occur while the underground utility work is underway. The benefits of undergrounding these utilities include improved neighborhood aesthetics, increased service reliability, and increased levels of safety as the lines are no longer exposed. The entire program, which began in 2016, is expected to take 10 years to complete.

**Utility Undergrounding, Sunny Isles Beach, FL** — Currently working as the Project Manager for the City of Sunny Isles Beach in a \$6-million conversion of existing aerial utilities to underground facilities. The scope of this work involved right-of-way survey and existing utility research, utility design coordination and consolidated design plans for the conduit installation of existing utility providers including FPL, ATT, Comcast, Atlantic Broadband, and Hotwire as well as new conduit for future use by the City for internal communications. Project involves collaboration with FDOT Project manager who has a RRR project scheduled to begin immediately after our work is complete. This project will include a portion of their scope to avoid having to repeatedly restore existing roadway and sidewalk providing significant savings to the City and State. The project involves significant trenching along a busy stretch of Collins (A1A) in Sunny Isles Beach. Work will need to be completed at night considering the intensity of the pedestrian and vehicular traffic in the area. Working closely with City staff to facilitate easement agreements with local residents and businesses to allow for FPL equipment placement and energizing.

**Utility Undergrounding, Fort Lauderdale, FL** — Currently working as the Project Manager for the City of Fort Lauderdale in a \$7.5 million conversion of existing aerial utilities to underground facilities. The scope of this work involves existing utility research, utility design coordination and consolidated design plans for the conduit installation of existing utility providers including FPL, ATT and Comcast. Reconfiguration of residential roadway profiles results in a need to relocate existing City utilities including fire hydrants and sanitary sewer lift station equipment. Landscape reconstruction will also be a substantial part of this project. Project involves close collaboration with resident HOA representatives, City officials and FPL to facilitate equipment placement and energizing. The project involves significant trenching along a very narrow right away and in an extremely sensitive neighborhood. Public outreach and communication is a significant concern.

**Victoria Park Small Water Main Improvements, Fort Lauderdale, FL** — Currently working as the Project Manager for the City of Fort Lauderdale in a 53,000LF upgrade to their existing system. The scope of this work involves existing utility research, plan and profile sheet creation, permitting, specification preparation, bidding, and construction administration for the installation of new 6” water mains. Project involves

### Special Qualifications

- Has 15 years of diverse engineering and project management experience
- Experienced with a wide variety of municipal projects, utility infrastructure, restoration and rehabilitation, community parks, and facility improvements
- Also has extensive experience in project management of large and small land development

### Professional Credentials

- Bachelor of Science, Civil Engineering, Purdue University
- Professional Engineer in Florida and California
- LEED AP, Building Design Construction
- FDEP Qualified Stormwater Management Inspector
- American Society of Civil Engineers
- Institute for Sustainable Infrastructure

# Josh Horning, P.E., LEED AP

## *Relevant Experience (continued)*

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close collaboration with City officials in the design review process and residents in the transfer of existing services to new facilities. The project is in the latter stages of design.

**SW 8th Street Sanitary Sewer and Water Main Improvements, Fort Lauderdale, FL** — Currently working as the Project Manager for the City of Fort Lauderdale in a 370LF upgrade to their existing system. The scope of this work involves existing utility research, plan and profile sheet creation, permitting, specification preparation, bidding, and construction administration for the installation of a new 6" water main and 8" sanitary sewer main. Project involves close collaboration with City officials in the design review process and residents in the transfer of existing services to new facilities. The project is in the early stages of construction.

**Colorado Esplanade, Santa Monica, CA** — Project manager for the complete redesign of the Colorado Avenue between 4th Street and Ocean Ave. Intent was to convert this section to one way vehicular traffic, widen pedestrian sidewalk facilities and create a two-direction bike path. This project was in preparation of the construction of the terminal station of the purple line which ran from downtown Los Angeles to Santa Monica at 4th Street. Project included roadway plan and profile design as well as 3,500LF of reuse water main relocation. Scope also included the reconstruction of a wastewater inverted syphon structure. FlowMaster was used to ensure that the existing drainage inlets were adequately sized to handle the increased flow from the project.

**Wastewater Capacity Analysis and Master Plan, Lauderhill, FL** — Served and project lead to analyze capacity and impacts to existing infrastructure and lift stations resulting from suspected inflow and infiltration. Services included modeling, analysis, and recommendations for proposed improvements. Using atlas, as-built information and visual inspection, developed a baseline model reflecting existing conditions. Upon evaluation, a Master Plan was prepared outlining design criteria, assumptions, baseline data, exhibits, and calculations with recommended alternatives.

**Lift Station Rehabilitation, Lauderhill, FL** — As a result of the preceding analysis several City lift stations were rehabilitated and several thousand feet of gravity main were lined. Managed the preparation of contract documents including plans and specifications, assisted in the letting of the project and bid award. Additionally, provided construction administration and certification to the City.

**Little Haiti Soccer Park, Miami, FL** — Currently working for the City of Miami in converting an existing natural turf soccer field to artificial turf as well as providing a Greenfields outdoor exercise park. This field is one of two soccer fields that make up the larger 11.7-acre park. The project will entail working with the FieldTurf representative to incorporate their artificial turf design into the overall drainage scheme of the park. Significant grading of the park is needed along with a modification to the existing drainage permit through Miami-Dade DERM. Responsibilities included the management of the preparation of contract documents including plans and specifications, permitting and construction administration.

**TRG North Flagler Offsite Improvements, West Palm Beach, FL** — Project engineer. As a condition of approval for this 19-acre Commercial Planned Marina Development (CMPD), the developer is required to construct several offsite infrastructure improvements including this water main upgrade consisting of 3,800LF of 12" water main along North Flagler Drive from 45th Street south to Metcalf and 40th Street, from Broadway to Flagler. The water main will be permitted at one time; however, installation will be phased to follow the development of the overall CMPD. The water main present significant challenges with many existing utilities to work around including major storm and sanitary sewer trunk lines. Sequencing of the installation and removal of the existing water main will be critical to keep adjacent residences, schools and businesses up and running. We are working very closely with City staff to ensure their specifications and code requirements are met. Also, included in this scope is the conversion of a portion of 40th Street from a one way to a two-way roadway.

**Ballpark of The Palm Beaches City Park, West Palm Beach, FL** — Project engineer. As a condition of approval for this Minor-League Ballpark, the City of West Palm Beach was granted land to build a City Park that included several pavilions, a splash pad, multipurpose athletic fields, and parking facilities. Our scope included the Paving, Grading and drainage design along with water, sewer, and dry utility design and coordination. The scope also included landscape, hardscape, and irrigation design components. Grading and drainage for the park had to be coordinated with the overall Ballpark site. Our scope also included permitting through South Florida Water Management as well as the City of West Palm Beach and Palm Beach County.



# Kevin Schanen, P.E.

## *Undergrounding Overhead Utilities*



### Relevant Experience

#### **Town-wide Undergrounding Program, Palm Beach, FL — Project manager.**

Subsequent to a state of Florida mandate that FPL “storm harden” all vital infrastructure and utility lines statewide, resulting in the installation of taller, concrete electric poles, the Town of Palm Beach chose instead to convert all aerial electric, communication, and cable lines to an underground location. Kimley-Horn serves as program manager and prime consultant designing and permitting the underground conversion process in close coordination with FPL, AT&T and Comcast. Kimley-Horn first developed a master plan to outline the schedule, sequencing, phasing, management of traffic impacts, project delivery methods, data collection, public outreach, design criteria, and projected costs. At the same time, Kimley-Horn performed the detailed design of Phase 1 of the program, which is now complete. Kimley-Horn and the Town also performed planning to address Town infrastructure needs (stormwater, gas, water and sewer) to determine if any renovation or replacement should occur while the underground utility work is underway. The benefits of undergrounding these utilities include improved neighborhood aesthetics, increased service reliability, and increased levels of safety as the lines are no longer exposed. The entire program, which began in 2016, will convert 37 miles of overhead infrastructure to an underground location.

#### **Nightingale Trail/La Puerta Way Underground Utilities Conversion Project, Palm Beach, FL — Project manager.**

Kimley-Horn is currently serving the Town to perform the undergrounding of overhead utilities for this neighborhood project on the North end of the Island. Kimley-Horn is designing the conduit and pullbox infrastructure for the electric, telephone, and cable utilities along with providing easement acquisition assistance, utility provider coordination, and infrastructure upgrade design services. Because this project is essentially an “island” of underground infrastructure, there was a need to coordinate the end conditions for the north and south limits of the project. Ultimately, the rear easement power lines will be removed with the homes being served from utility infrastructure in the front street rights-of-way. This project is expected to be bid in early 2016 with construction commencing in the summer of 2016.

#### **Lake Towers Underground Utilities Conversion Project, Palm Beach, FL — Project manager.**

Kimley-Horn is currently serving the Town to perform the undergrounding of overhead utilities for this project near Bradley Place and Wells Road. Kimley-Horn is designing the conduit and pullbox infrastructure for the electric and cable utilities (telephone is already underground in this location) along with providing easement acquisition assistance, utility provider coordination, and infrastructure upgrade design services. Because this project is essentially an “island” of underground infrastructure, there was a need to coordinate the end conditions for the north and south limits of the project. Ultimately, the rear easement power lines will be removed with the homes and condominium being served from new underground utility infrastructure. This project is expected to be bid in early 2016 with construction commencing in the summer of 2016.

#### **Worth Avenue Restoration Project, Palm Beach, FL — Project manager.**

Kimley-Horn served as site civil, traffic, and undergrounding engineer for this exciting project within the Town that was brought to life by a group of property owners along Worth Avenue who wanted to revitalize the area and bring it back to its former glory. Kimley-Horn was responsible for the design of all the civil, traffic, and undergrounding of overhead utilities on the project. We provided the detailed design of the electrical, telephone and cable utilities throughout the three-block corridor in the Mid-Town area. We partnered with Brannon & Gillespie and Shutts & Bowen to assist in the electrical and easement acquisition elements of the project. To date, this remains the most significant undergrounding effort ever successfully accomplished in the Mid-Town area. The

### Special Qualifications

- Has 21 years of diverse engineering and project management experience
- Experienced Project Manager with a wide variety of municipal projects, including water, wastewater, and stormwater utilities, structures, restoration and rehabilitation, community parks, streetscapes, and infrastructure improvements
- Software experience includes Ad-ICPR, WaterGEMS, STAAD, AutoCAD Civil3D, ASAD, and MathCAD
- Past recipient of the Engineer of the Year award from the Florida Engineering Society, Palm Beach County Chapter
- Past recipient of an Outstanding Young Alumnus Award from the University of Florida
- Graduate of the Florida Engineering Leadership Institute (FELI)

### Professional Credentials

- Bachelor of Science, Civil Engineering, University of Florida, 1998
- Professional Engineer in Florida, #60251, June 23, 2003
- American Public Works Association (APWA)
- Florida Engineering Society
- National Society of Professional Engineers (NSPE)
- Palm Beach County League of Cities (Associate Member)

# Kevin Schanen, P.E.

## *Relevant Experience (continued)*

project also included the construction of a new roadway section, replacement and modification of various other underground utilities, replacement of sidewalks with decorative tabby concrete, and the introduction of many landscaping and architectural elements throughout the corridor. The project was completed on-time and nearly \$1 million under its established budget.

**Inlet Village Concept Master Plan – A1A Corridor, Jupiter, FL** — Project manager. Kimley-Horn was selected by the Town of Jupiter to develop a master plan of improvements to enhance the bike/pedestrian experience along this corridor which is known as the Inlet Village District. A component of the master planning process included the undergrounding of approximately one mile of overhead electric, telephone, and cable facilities. The Kimley-Horn master plan guided the development of sidewalks, bike paths, streetscape design, utility undergrounding design, and stormwater design. Public meetings were held along with the development of an opinion of probable construction cost for the project.

**Town Hall Square Streetscape and Infrastructure Improvements, Palm Beach, FL** — Project manager 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.

**Peruvian Avenue Streetscape, Palm Beach, FL** — Project manager. Kimley-Horn provided 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.

**Fiber Optic Trunk Line Project, Jupiter, FL** — Project manager. This project involved the installation of a fiber optic line between the water treatment plant facility and the offsite high-service pumping facilities. This fiber optic connection provides more secure and reliable control of the pump systems over the previous radio system and allows for future security upgrades and access control at the pump station and wellfield sites.

**Verizon Wireless MSC, Jupiter, FL** — Project manager for the development of this 20,000 square foot, \$40+ million wireless communications switching center. This switch serves as one of two major switches for Verizon's south Florida market which spans from Vero to the Keys and west to Sanibel Island. Kimley-Horn served as the prime consultant and Kevin managed the site plan approval process, civil, structural, architectural, landscaping, mechanical, electrical, plumbing, and fire protection design, as well as the permitting, bidding, and construction phase services for the project. The design included significant underground utility design with redundant underground duct banks for power and fiber, hurricane hardening, battery and generator backup systems, dry chemical fire suppression, office spaces, and control rooms. Kimley-Horn has since assisted in expanding the facility twice since the original construction to meet the increasing voice and data needs of Verizon Wireless.

**AT&T (fka Cingular) Wireless HJOX Switch Expansion, Miami, FL** — Project manager for the expansion of this existing wireless communications switching center located in Miami, Florida. Kimley-Horn served as the prime consultant and Kevin managed the site plan approval process, civil, structural, architectural, landscaping, mechanical, electrical, plumbing, and fire protection design, as well as the permitting, bidding, and construction phase services for the project. The design included significant HVAC design, hurricane hardening, battery and generator backup systems, and dry chemical fire suppression. The design of a hurricane hardened structure to protect the outdoor condensing units from wind driven debris was also provided.

**Cellular Telecommunication Sites, Statewide, FL** — Served as engineer of record for hundreds of cellular telecommunication sites throughout Florida. Performed site design, managed approval and permitting processes as well as structural and electrical design, and provided construction phase support. Clients include Verizon Wireless, AT&T, Metro PCS, Nextel, Sprint, Voicestream, Crown Castle, Spectrasite, American Tower, Clearwire, Cingular, Bellsouth, T-Mobile and Metricom.

**FP&L Rattlesnake Substation, Collier County, FL** — Project engineer. Kimley-Horn was selected by FP&L to serve as the design engineer for this electrical substation facility in Collier County, FL. To serve the growing development electrical service needs of the area, Kimley-Horn performed all the site design and permitting in coordination with FPL's distribution engineers to develop this brand new facility. Construction is now complete and the station is currently in operation.

# Ravi Wijesundera, P.E.

## Roadway Safety



### Relevant Experience

#### SR 811 “Dixie Highway” Lane Reduction Feasibility Study, Pompano Beach, FL

Project manager. This study evaluated potential changes to the lane configuration of Dixie Highway between McNab Road and SW 2 Street and associated impacts to level of service on Dixie Highway and other roadways in the vicinity. The primary considerations included reduction of through travel lanes within the one-way pair segment from six to four, addition of on-street parking, addition of designated bike lanes, reduction of lane width to reduce speeds, and provision of street furniture, landscaping, and other decorative treatments. The study included development of conceptual plans and typical sections, traffic volume projections, level of service and crash data analysis, multimodal considerations, and stakeholder coordination to determine the feasibility of the lane reduction, which was approved by the FDOT.

**Bicycle and Pedestrian Safety Study, FDOT District Four** — Project engineer for a study initiated by the Office of Modal Development to evaluate countermeasures to reduce bicycle and pedestrian fatalities within FDOT District Four. Performed a crash data analysis to identify statistically significant predictors of fatal crashes. Conducted a key location field review to identify additional predictors of crashes that are not apparent from the electronic crash database. Presented study results to MPO Committees and at an ITE Safety Workshop.

**Districtwide Traffic Operations Safety Studies, FDOT District Four** — Project manager for a contract that is performing task work orders ranging from safety studies, safety reviews, fatal crash reviews, lighting assessments, minor designs, crosswalk warrant analysis, operational analysis, and qualitative assessments. Involves in all facets of the contract including field reviews, countermeasure development, economic analysis, documentation, stakeholder coordination, presentations, scope development, and subconsultant management.

**Districtwide Traffic Operations 3R Safety Reviews, FDOT District Four** — Task leader and project manager for a contract that performed over 50 task work orders ranging from 3R safety reviews, traffic and vulnerable road user safety studies, road safety audits, fatal crash reviews, lighting assessments, minor designs, crosswalk warrant analysis, operational analysis, and qualitative assessments. Involved in all facets of the contract including crash data analysis, field reviews, countermeasure development, economic analysis, documentation, stakeholder coordination, presentations to the Safety Review Committee (SRC), and scope development. The team successfully presented over 20 safety studies to SRC, and the implementation cost of recommended improvements exceeded \$16 million. Developed a contract specific SharePoint site for easy sharing and access of key deliverables.

#### South US 1 Bus Rapid Transit (BRT) Improvements Study, Broward County, FL

Project engineer for Bus Rapid Transit improvements for South US 1 between Downtown Fort Lauderdale and Aventura Mall (Miami-Dade County). The study developed a package of short and medium term implementation projects and identified long-term investments to improve transit service, mobility, livability, and support economic development along the corridor. Multijurisdictional coordination included an advisory committee consisting of five municipalities, two counties, two state agencies, an international airport, and eight additional stakeholder agencies. The solutions included transit infrastructure, traffic signalization, intelligent transportation systems (ITS), and complete streets to support transit-oriented development, multimodal facilities, and improved surface transportation.

### Special Qualifications

- Has 14 years of experience in traffic safety studies, transit studies, freight studies, multimodal corridor studies, GIS mapping, project traffic development, travel demand model applications, traffic impact analysis, transit studies, and signal warrant analysis
- Proficient in HCS, Synchro, HSM Applications, Turns5, aaSIDRA, ArcGIS, RSAP, Minitab, and SPSS
- Experienced in data collection and analysis, intersection analysis, intelligent transportation systems, and corridor access management studies
- Experience includes crash data analysis and comprehensive intersection safety improvement

### Professional Credentials

- Master of Science, Civil Engineering, University of Alabama, 2003
- Master of Engineering, Civil Engineering, University of Moratuwa, Sri Lanka, 2001
- Bachelor of Science, Civil Engineering, University of Moratuwa, Sri Lanka, 1998
- Professional Engineer in Florida, #69259, January 29, 2009
- Institute of Transportation Engineers (ITE)

# Ravi Wijesundera, P.E.

## *Relevant Experience (continued)*

**Districtwide Traffic Safety Studies, FDOT District Two** — Project analyst for the Kimley-Horn team that has provided numerous traffic studies under this contract with FDOT District Two. Types of studies included signal warrant analyses, intersection analyses, and arterial studies. Kimley-Horn also reviewed all fatal crash records in the District and maintained the database log. The following project is an example of a typical work order under this contract:

- **US 1/SR 312 Arterial Study.** Project analyst for a safety study examining a 2.8-mile stretch of state roadway. The study examined crash history, traffic operations, and future traffic demands. The study segment encompassed 13 signalized intersections. Assisted with the operational analysis and the development of the short-term and long-term alternatives. The long-term alternatives included multiple interchange configurations.

**Districtwide Bicycle and Pedestrian Safety Analyses, FDOT District Six** — Project engineer for a study that evaluated 10 roadways identified as high bicycle and pedestrian crash segments. Duties included GIS mapping of crashes, identify one to two-mile segments for field review, conduct field reviews, and develop potential recommendations to improve safety for pedestrians and bicyclists. The corridor segments were prioritized based on benefit-cost analyses.

**Lincoln Road Closure, Miami Beach, FL** — Project engineer. This project was a joint-venture between the City of Miami Beach and UIA Management, LLC. The 1000-1100 Block of Lincoln Road was closed to vehicular traffic to allow for the extension of the Lincoln Road Pedestrian Mall. The mall was extended west, from Lenox Avenue to Alton Road, to include a new pedestrian plaza. The design also included four water gardens, and streetscape and infrastructure improvements. Kimley-Horn provided due diligence, civil engineering, landscape architecture, permitting, traffic signal modifications, and lighting and electrical design services for this project.

**South Florida Regional Freight Plan, FDOT District Four** — Project engineer for a study that developed a formalized regional freight planning and implementation strategy that is inclusive of individual planning efforts that have been conducted within the area and identify critical freight transportation projects for the South Florida area. The Plan was coordinated with the 2035 Regional LRTP, which was developed concurrently with the regional freight element. The integration of freight planning goals, objectives, and needs into the RL RTP will pave the way for consistency, consensus, and coordination within the region in future freight planning efforts and maximizing funding opportunities for planned improvements. The final product is a prioritized list of multimodal freight transportation improvements that was developed based on the needs plans of LRTPs and capital improvement and master plans of seaports, airports, and rail road companies.

**I-95 Master Plan for 17 Interchanges from Linton Blvd. to Northlake Blvd., FDOT District Four** — Project engineer for the identification of 17 interchange improvement projects in Palm Beach County. 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 by February 2015 and documented in an Interchange Master Plan (IMP). Assisted in the analysis and identification of safety improvements.

**Royal Palm Boulevard Improvements (Royal Palm Blvd. Bridge over Margate Canal), Margate, FL** — Project engineer. Our services included the engineering design and development of construction documents for Royal Palm Boulevard Improvements beginning approximately 200 feet± east of the Margate Canal and extending east to the west half right-of-way of SR 7 (441), approximately one mile in total length. The project involved 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, minor drainage improvements, and lighting improvements. Professional services included design, permitting, coordinating with utility providers for adjustments and/or relocations, preparing quantity calculations and engineers' estimates of probable costs, and limited construction phase services.

**Venetian Causeway Improvements from Bayshore Drive (Miami) to Alton Road (Miami Beach), Miami-Dade County, FL** Project engineer for the Kimley-Horn team responsible for the professional services, master planning, and the preparation of complete plans for the beautification of the Historic Venetian Causeway. Responsible for developing vertical and horizontal alignments, coordinating drainage design and signing and pavement markings, landscape/hardscape/irrigation and signalization plans for this corridor. The project includes extensive coordination with the City of Miami and the City of Miami Beach. It also required an involved public involvement program.



# Stewart Robertson, P.E.

## Multimodal/Complete Streets

### Relevant Experience

**Broward Complete Streets Guidelines, Broward County, FL** — Project manager for the Kimley-Horn team that prepared the Broward Complete Streets Guidelines for a partnership including the Broward Regional Health Planning Council (BRHPC) and the Broward Metropolitan Planning Organization (MPO). The guidelines were customized for local Broward jurisdictions and to reflect local conditions, Florida State Statutes, and Florida design criteria. Themes that were incorporated into the Guidelines include public health, smart growth, transportation equity, sustainability, placemaking, safety, and age-in-place. The resulting Guidelines present standards and design guidance for planners, engineers, and maintenance officials to achieve a vision of implementing complete streets principles, which aim to design streets for people of all ages and physical abilities and accommodate all travel modes. Duties included development of technical content, stakeholder coordination, and giving monthly presentations to the Complete Streets Technical Advisory Committee (TAC).

**Dixie Highway/21st Avenue Corridor Redesign Concept and Mobility Study, Hollywood, FL** — Project manager for preparation of 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.

**Complete Streets Design Guidelines, Miami-Dade County, FL** — Project manager for development of the Miami-Dade Complete Streets Design Guidelines to provide the unifying design document for local governments in Miami-Dade County to be able to identify and incorporate Complete Streets elements into road projects. The Design Guidelines are targeted toward engineers, planners, and developers. Kimley-Horn collaborated with local government staff to identify and incorporate key principles into the documentation—Safety, Health, Modal Equality, Context Sensitivity, and Sustainability. A unique street typology was developed specific to Miami-Dade streets and land use types to structure design guidance and criteria. Additional guidance is provided on a range of topics including bus stops, access to transit, landscaping type and spacing, bike parking, traffic calming, goods movement and deliveries, accommodating transportation network entities (TNEs), and preparing for autonomous vehicles (AVs).

**Downtown Fort Lauderdale Connection Project Needs Study and Evaluation of Conceptual Alternatives, FDOT District Four** — Provided planning and engineering services for preliminary feasibility study assessing the potential for a high capacity transit connection between the I-95/Tri-Rail corridor and the Fort Lauderdale CBD. Duties included collection of transit and traffic data for eleven project corridors, collection of present land use data and future development information, analyzing existing and future conditions for eleven project corridors, utilizing geographic information systems (GIS) to analyze and present data, development of conceptual high capacity transit alternatives, and assisting in writing reports.

**Palm Beach MPO Complete Streets Design Guidelines, Palm Beach, FL** — Project manager for development of countywide Complete Streets Guidelines to encourage the development of walkable, bikeable, and transit-friendly communities through an



### Special Qualifications

- Has 18 years of experience specializing in transportation planning and engineering, with an emphasis in multimodal planning and design including complete streets and bicycle/ pedestrian safety and mobility
- Project management experience includes multimodal master planning; complete streets planning, design, and implementation; design plan reviews; bicycle corridor studies; pedestrian and bicycle network plans; pedestrian safety studies; transit studies; transit ITS implementation; corridor analysis; intersection capacity analysis; travel demand analysis; and geographic information systems (GIS)

### Professional Credentials

- Master of Science, Civil Engineering, University of Kentucky, 2001
- Bachelor of Science, Civil Engineering, University of Kentucky, 2000
- Professional Engineer in Florida, #63939, December 31, 2005 American
- Society of Civil Engineers
- Institute of Transportation Engineers
- National Society of Professional Engineers

# Stewart Robertson, P.E.

## *Relevant Experience (continued)*

integrated approach to planning the County's transportation networks. The County's goal is to incorporate Complete Streets elements into all phases of roadway planning, design, construction, and maintenance. Deliverables include a Complete Streets Design Guidelines document that directs engineers and planners regarding how to plan and design Complete Streets elements into all types of transportation and land development projects. Complete Streets Design Guidelines also provide guidance regarding construction and maintenance practices that encourage walking, biking, public transit use, and promote safety and accommodation for all users.

### **Martin County Metropolitan Planning Organization (MPO) On-Call Transportation Services, Martin County, FL**

Project manager for on-call transportation planning services for the Martin MPO. Task work orders have ranged from federal certification review support services to congestion management services to household travel survey services. The certification review scope included assistance with the preparation of responses to Federal Highway Administration (FHWA) questions, organizing the certification review public meeting, and attendance at meetings to provide guidance regarding the Long Range Transportation Plan (LRTP) development, regional coordination, and environmental documentation. Stewart managed the Kimley-Horn team that prepared the East Ocean Boulevard Congestion Management Corridor Study, which recommended a series of connectivity and mobility enhancements for the area including local street connectivity improvements, mid-block crosswalks, median refuges, and access management strategies.

**The Underline, Miami-Dade County, FL** — Task manager for the Kimley-Horn team that led the traffic engineering aspects of The Underline Master Plan. Developed innovative engineering techniques for providing intersection crossing safety for The Underline, an iconic bicycle and pedestrian greenway and urban linear park under the Miami-Dade Metrorail corridor. Improvements included wide path crossings with separate space for bicyclists and pedestrians, pavement markings, colored pavement treatments, and bicycle traffic signals. Prepared a traffic engineering study that forecast the potential usage of The Underline and estimated the amount of motor vehicle trip reduction on the adjacent US 1 corridor, which resulted in the approval for the use of Miami-Dade Road Impact Fee (RIF) funding for The Underline. Providing traffic engineering services for the construction documents for the Phase 1 "Brickell Backyard" section of The Underline.

**Districtwide Pedestrian and Bicycle Consultant, FDOT District Six** — Project engineer conducting engineering reviews of design plans and reports for incorporating, extending, and/or enhancing bicycle and pedestrian facilities; submitting project review comments within the electronic review comment process; and coordinating with design engineers and FDOT project managers. In addition, Kimley-Horn has assisted the Department with performing tasks such as organizing the Florida Atlantic bicycle and pedestrian workshop; designing the implementation of sharrows on SR A1A in Hollywood to fill a gap between bike lanes; and participating in field meetings for resurfacing projects.

**Bicycle/Pedestrian Mobility Plan for the Miami Downtown Development Authority Area, Miami, FL** — Project manager for a joint effort of the Metropolitan Planning Organization (MPO) and the Miami Downtown Development Authority (DDA). Significant aspects of the Plan included the transportation mobility analysis, setting of goals and objectives, developing recommendations, and coordinating a 15-member steering committee. Recommendations were organized into 37 distinct projects, for which project specific implementation tasks, lead agencies, support agencies, and cost ranges were identified. Projects focused on improving mobility and safety for pedestrians and bicyclists in the downtown area. At its conclusion, the Plan was endorsed by both the MPO Governing Board and the DDA Governing Board.

**Transportation Element Data Inventory and Analysis, Miami Lakes, FL** — Member of the consulting team that created the first comprehensive plan for the Town of Miami Lakes. Kimley-Horn prepared the Transportation Element Data Inventory Analysis required by the Department of Community Affairs under Rule 9J-5.019 FAC for all local governments in Florida. This required extensive data collection and analysis of the various transportation systems in the Town (automobile, transit, bicycle and pedestrian) to inventory existing conditions and measure level of service. The information collected was analyzed and compiled into a series of maps created with GIS software. This document formed the foundation for the goals, policies, and objectives identified in the Transportation Element of the Town's Comprehensive Plan.

**Federal Highway (US 1) Final Enhancements, Delray Beach, FL** — Project engineer. This multi-phased project included a study, conceptual design, temporary implementation of the design for a trial period, and final design of the permanent improvements. The City and its CRA adopted the Downtown Delray Beach Master Plan, and one of its key elements is a reconfiguration of the two one-way segments of US 1 from three lanes to two. Kimley-Horn evaluated potential changes to the lane configuration along southbound and northbound segments of US 1. We developed alternatives, forecasted future traffic volumes for review with the City and the CRA, and led several public involvement workshops.

# Eric Bosman, AICP

## Multimodal/Complete Streets

### Relevant Experience

**Buckhead Redefined (Buckhead 15-year LCI Update), Atlanta, GA** — Project manager for development of a 15-year master plan update for one of Atlanta's most dynamic activity centers. BUCKHEAD REdeFINED identified a series of placemaking, mobility, and community building enhancements to guide the district's continued transformation from an automobile based commercial center into a more complete, dynamic, and connected walkable urban environment.

**Gwinnett County 2040 Unified Transit Plan, Gwinnett County, GA** — Project manager for transportation planning services to integrate our work on the County's Destination2040: Gwinnett County's Comprehensive Transportation Plan (CTP), Connect Gwinnett: Transit Plan, and Gwinnett Countywide Trails Master Plan efforts with the future land use recommendations and policies that will result from the development of the Unified Plan. The transit plan can drastically alter the way that the County has historically developed as much higher densities than what currently exists in the suburban county will be necessary to support a robust transit system. Our teams are currently collaborating to understand what impacts the potential transit system will have on future land uses and what policies are necessary to implement these changes. In addition, our work on the CTP and Trails Master Plan will help the County progress to a more walkable, bicycle- friendly community, which also can influence future land use decisions.

**Cobb Community Transit Rebranding (CobbLinc), Cobb County DOT, Cobb County, GA** — Project manager for the rebranding of Cobb Community Transit (CCT) to CobbLinc. The rebranding effort was designed to generate awareness and renewed interest among potential transit riders, modernize and improve the image of Cobb's transit system, and enhance an already strong sense of pride among Cobb County residents and businesses. The rebranding effort was conducted in time for the system's 25- year anniversary and refurbishment of the system's bus fleet. The rebranding process included market research and rider surveys to assess the system's perception. The new brand and logo were unveiled in Spring 2016 and the system's new fleet hit the streets in June 2016.

**Fulton County Transit Master Plan, Atlanta Regional Commission, Fulton County, GA** — Project manager for development of a transit master plan. The Fulton County Transit Master Plan included a review of each City's community and economic development strategies, an analysis of existing transit services and needs, and the development of a financial model to determine the potential for expanded transit services within Fulton County. The master plan process included an extensive public engagement process with 26 public meetings, a Technical Committee, a Financial Taskforce, and numerous focus groups and interviews. In December 2017, the Fulton County Commission and Mayors reviewed the resulting market-based plan for future transit investments and four options based on various potential funding levels.

**Magnolia Avenue Corridor Streetscape Improvement Plan, City of Knoxville, TN** —Project planner for a streetscape improvement plan for a 3-mile corridor of Magnolia Avenue from the intersection of Rutledge Pike and Asheville Highway to Hall of Fame Drive. The intent of the improvements is to establish Magnolia Avenue as a gateway from the City's eastern edge to downtown. Based upon recommendations identified in the Magnolia Avenue Corridor Plan prepared by the Knoxville-Knox County Metropolitan Planning Commission (MPC), the streetscape improvements will foster a pedestrian-friendly environment incorporating mixed-use development. As a complete street, Magnolia Avenue will provide for pedestrians, bicyclists, and transit facilities.



### Special Qualifications

- Experienced project manager, facilitator, community engagement specialist, planner, and urban designer
- Served as project manager for the rebranding of Cobb County's transit system, planning for Cobb County's arterial rapid transit system, seven CID Master Plans, and more than 20 Livable Centers Initiative Plans in Georgia
- Instrumental in planning and structuring multi-million-dollar improvement programs in Midtown Atlanta, North Fulton, and Albany, Georgia, and has been instrumental in the development of five successful referenda for the funding of public improvements

### Professional Credentials

- Master of Architecture, Architecture, University of Illinois, Urbana-Champaign, 1998
- Master of Urban Planning, Urban Planning, University of Illinois, Urbana- Champaign, 1998
- Bachelor of Arts, Architecture, Clemson University, 1995
- American Institute of Certified Planners (AICP)
- American Planning Association (APA)
- Georgia Planning Association (GPA), Past President
- Georgia Planning Memorial Foundation, Board Member Council of Educational Facility Planners International (CEEPI)
- Society of College and University Planners (SCUP)

# Eric Bosman, AICP

## *Relevant Experience (continued)*

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**Project Renaissance Redevelopment Design Services, Dunwoody, GA** — Deputy project manager for complete design and construction documents for four new City of Dunwoody parks and a multipurpose trail that links the parks together. The four parks were developed as part of the City's Project Renaissance, a new mixed-use residential infill project. Each park is strategically located throughout the proposed mixed-use residential area and is easily accessed via a multipurpose community trail. These four parks provide valuable recreation and gathering space for residents while acting as important gateway elements to Project Renaissance.

**Master Plan Services for the Perimeter Park at Dunwoody Station, Dunwoody, GA** — Project planner assisting with development plans for a new 5-acre park within the Perimeter Community Improvement District adjacent to the Dunwoody MARTA Station. Located near the intersection of Hammond Drive and Perimeter Center Parkway, Perimeter Park takes a fallow piece of land below a set of MARTA rail tracks and envisions it as a Central Park and PCIDs' focal point. The plan restores Perimeter Creek, which currently runs through a concrete channel, and augments the space with an entrance plaza, walking paths, multipurpose green space, and decorative paving and crosswalks. In addition to the park design, Kimley-Horn led all community engagement efforts and programming for the space as well as a series of pedestrian-crossing improvements, area development projections, right-of-way assessments, and construction cost estimating.

**Dunwoody Village Parkway Bike and Pedestrian Improvements, Dunwoody, GA** — Project planner for an analysis of and development of design solutions for Dunwoody Village Parkway. Designed and built in the 1970s, this suburban parkway was good at moving cars but not pedestrians. With the completion of the recent Dunwoody Village Master Redevelopment Plan, this existing parkway was well positioned to become the new "main street" of Dunwoody Village. Our team designed a comprehensive reconstruction of the existing street, which removed the center median and narrowed this lesser traveled road from four lanes to two lanes while adding new sidewalk and bicycle facilities. A major challenge along this corridor involved minimizing impacts to existing trees, landscape, and right-of-way. Completed improvements included new wide sidewalks, street trees, pedestrian lighting, street furniture, bicycle lanes and ADA upgrades. The project received a 2017 FHWA Transportation Planning Excellence Award.

**North Point Livable Centers Initiative (LCI) 10-Year Update, Alpharetta, GA** — Project manager for development of a five-initiative approach for the City of Alpharetta to position the North Point area for future success: Constructing a stormwater park gathering and event space; placemaking with activation strategies and interactive art; maximizing the Big Creek Greenway as a district amenity; incorporating green pathways and parallel multimodal roads; and integrating on-demand transit options. In addition, the planning team developed a corresponding project-specific 5-year action plan and 100-day implementation program for the City to use to help realize the plan's vision. Based on stakeholder and public input, the plan also recommended the refinement of an EcoDistrict brand/ theme for the area.

**Perimeter Community Improvement Districts (PCIDs) Consolidated Master Plan, Sandy Springs, GA** — Project manager for development of a Consolidated Plan to guide PCID initiatives, activities, and investments over the next 5-10 years. The Consolidated Plan process will include a review and analysis of previous planning efforts and projects, engagement of PCID Board Members and stakeholders to update the organization's vision and goals, and development of a short-term action plan and work program to guide CID investments and staff resources.

**Alpharetta Pocket Park Study, Alpharetta, GA** — Project planner providing assessment services related to the development of pocket parks in and around Downtown Alpharetta. The study includes an assessment of potential links to larger City parks, designated bike routes, greenways, and surrounding neighborhoods. The project reviewed over 30 existing and potential park and open space opportunities and provided an assessment of existing and potential amenities, evaluations of connections and pedestrian/cyclist linkages, and development of a preliminary program and budget.

**Downtown Cary Design Charrette, Cary, NC** — Project planner leading a design charrette with eight planners, architects, and urban designers to create a development vision for its historic downtown area. The two-day charrette included development of a master plan for a major green space and complementary downtown development, a presentation to city leaders, and a prioritization of next steps.

**Turner Field Stadium Neighborhoods Livable Centers Initiative, Atlanta, GA** — Project manager helping to craft the redevelopment plan for Turner Field and collaborating with local neighborhoods to devise area connectivity, transportation, and open space improvements. The effort has included strategies to improve regional accessibility as well as multimodal connectivity between the Turner Field site, adjacent neighborhoods, Downtown Atlanta, and the Atlanta BeltLine. A specific focus has been given to integrating pedestrian/bicycle and transit infrastructure, incorporating community open space, and devising stormwater management and green infrastructure strategies as part of upcoming redevelopment efforts.



# Matthew Fursetzer, P.E.

## Street Lighting

### Relevant Experience

**SR A1A Streetscape Improvements, Fort Lauderdale, FL** — Project engineer. Kimley-Horn is providing full civil engineering services for the redevelopment of the existing streetscape of State Road A1A Northbound from the South Beach Parking to Alhambra Street along Fort Lauderdale Beach. The project consists of improving the sidewalk on both sides of the street outside of the curbing in order to provide modern and cohesive look, a definitive delineation between the pedestrian zone and the outdoor restaurant café zone, and improve pedestrian experience while walking along the beach and to its businesses. The trees and light poles are being consolidated near the back of curb to open up the pedestrian zone and provide a clear walking path. Kimley-Horn is the prime consultant on the project, with a team of local subconsultants, and is responsible for providing the civil engineering, permitting, coordination, and other services for the complete project.

**SR A1A Complete Streets Design, Hollywood, FL** — 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 includes preparation of pilot plans/temporary implementation construction plans (to be permitted from FDOT) to allow the public to experience the lane reduction on a trial basis to test its effectiveness prior to making it permanent.

**Boca Raton Downtown Light Pole Standards, Boca Raton, FL** — 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 longer 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. Kimley-Horn coordinated with lighting vendors to select feasible alternatives; performed a photometric analysis of three typical roadways in the area to establish pole spacing, setbacks, and mounting heights; developed lighting standards and details including foundation details and electric service points; and prepared standard lighting detail sheets for inclusion in the City's Engineering Design Standard's Manual.

**Boynton Beach Boulevard Design from East of I-95 to US-1, Boynton Beach, FL** 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.

**Districtwide Pedestrian Lighting Retrofit Design, FDOT District One** — Lighting engineer on the Kimley-Horn team that was selected to provide consultant services to develop complete construction plans and specifications to upgrade the lighting levels at various intersections throughout District One. This will include evaluation of the existing



### Special Qualifications

- Has 17 years of experience in roadway design with a specialty emphasis on lighting for FDOT facilities
- Proficient in AGI 32, Microstation, AutoCad, MathCad, and Visual Basic software programs

### 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)

# Matthew Fursetzer, P.E.

## *Relevant Experience (continued)*

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intersection lighting levels, upgrading existing lighting from High Pressure Sodium light fixtures (HPS) to LED light fixtures and potentially supplementing the intersection with additional light poles.

**Carroll Street Final Design, Kissimmee, FL** — Project engineer. Kimley-Horn was selected to provide final design services for the 1.5-mile segment of Carroll Street that extends from John Young Parkway to Michigan Street in Osceola County. The primary purpose of this project is to widen the existing roadway from three lanes (center turn lane) to a five-lane section with center turn lane and is funded through the FDOT LAP program. Elements of this project include roadway design, drainage, permitting, signalization, signing/pavement markings, and roadway lighting. Final design services are underway with an anticipated completion of April 2018.

**Wiles Road Design from Riverside Drive to Rock Island Road, Broward County, FL** — 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. 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.

**Wiles Road Design from Rock Island Road to US 441 (SR 7), Coral Springs, FL** — 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.

**Florida's Turnpike Mainline Widening PD&E Study and Design, Boynton Beach to Lake Worth, Florida's Turnpike Enterprise** — Lighting engineer of record for the design of the turnpike mainline widening contract. Kimley-Horn originally performed a PD&E study from north of Boynton Beach Boulevard to south of Lake Worth Road in Palm Beach County. After approval of the study, Kimley-Horn was contracted to design the widening for this section and redesign the Lake Worth Road interchange. In addition to the widening (to eight lanes) of this seven-mile section of Florida's Turnpike, the project also included design of an ultimate express lane toll plaza (open road tolling), which includes eight express lanes at the Lantana Toll Plaza and modification to existing manual lanes. As an interim construction improvement, the design team was also asked by the Turnpike to implement "Open Road Tolling-lite" (ORT-lite), which converted five existing manual lanes to SunPass express lanes. ORT-lite was designed, constructed, and successfully placed into operation in only eight months. The ultimate project also included pavement widening, bridge widening, bridge replacement, relocating 2,500-ft. of a major 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.

**SR 823/Flamingo Road Milling/Resurfacing (3R), FDOT District Four** — Lead lighting designer and assistant project manager for the resurfacing, restoration and rehabilitation (3R) of Flamingo Road in Broward County. Provided surveying services and utility coordination, designed mast arms for five intersections, prepared plans for signing and pavement marking and signalization, and performed a lighting investigation.

**I-595 Corridor PPP Zone 5, FDOT District Four** — Lead lighting design engineer for the entire corridor from west of Pine Island Road to west of University Drive (Zone 5) in Broward County. Kimley-Horn was also responsible for the roadway lighting design of approximately 8 of the 10.5 miles of the project.

**507 (Babcock Street Improvements), FDOT District Five** — Project engineer responsible for the lighting design of this 0.5-mile section of roadway in Brevard County. Duties to date have included coordination with FDOT, Florida Power and Light, and the City of Melbourne, preparing voltage drop calculations, and analysis of existing lighting system.

# Nick Provenzo, E.I.

## Street Lighting

### Relevant Experience

**SR A1A Complete Streets Design, Hollywood, FL** — Project analyst 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 includes preparation of pilot plans/temporary implementation construction plans (to be permitted from FDOT) to allow the public to experience the lane reduction on a trial basis to test its effectiveness prior to making it permanent.

**Wiles Road Design from Riverside Drive to Rock Island Road, Broward County, FL** — Project analyst 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.

**Boca Raton Downtown Light Pole Standards, Boca Raton, FL** — Lead design analyst and assisted with 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 longer 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. Kimley-Horn's coordinated with lighting vendors to select feasible alternatives; performed a photometric analysis of three typical roadways in the area to establish pole spacing, setbacks, and mounting heights; developed lighting standards and details including foundation details and electric service points; and prepared standard lighting detail sheets for inclusion in the City's Engineering Design Standard's Manual.

**Florida's Turnpike Widening from Glades Road to Atlantic Avenue, Florida's Turnpike Enterprise** — Project analyst. 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



### Special Qualifications

- Software experience includes AutoCAD, MathLab, and SAP 2000

### Professional Credentials

- Bachelor of Science, Civil Engineering, University of Mississippi, 2012
- American Society of Civil Engineers (ASCE)
- Engineers Without Borders
- Institute of Transportation Engineers (ITE)

# Nick Provenzo, E.I.

## *Relevant Experience (continued)*

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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, FL** — Project analyst 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.

**Midway Road (CR 712) Design and Reconstruction, FDOT District Four** — Project analyst 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.

**Sand Lake Road Interchange Design, Florida's Turnpike Enterprise** — Project analyst for the 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.

**SR A1A RRR Design from East of Mercedes River Small Bridge to Sunrise Boulevard, FDOT District Four** — Project analyst 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. Kimley-Horn is using a holistic approach to ensure connectivity of the different modes of transportation including bicycle storage facilities and special signing to achieve a successful design within FDOT guidelines. Our work includes drainage repair, sidewalk modifications to meet ADA criteria, traffic control plans, lighting evaluation, and local agency coordination.



# Gary Ratay, P.E.

## Stormwater/Water/Sewer Improvements



### Relevant Experience

**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, FL** — 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, FL** — 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, FL** — 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, FL** 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.

**Bid Pack 4 Water Main and Force Main Replacement, Oakland Park, FL** — Senior engineer for the replacement of more than 27,000 linear feet of water main and force main in the City of Oakland Park. The project consists of replacing existing water mains that have been identified as being substandard with respect to system pressures during fire flow. Services and meter boxes will be replaced to the property line on new water line installations and fire hydrants will be installed in residential and commercial areas.

### 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

### 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)

# Gary Ratay, P.E.

## *Relevant Experience (continued)*

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**North East Force Main Installation and Lift Station Rehabilitation, Pompano Beach, FL** — 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.

**Lloyd Estates Streetscape and Drainage Improvements, Oakland Park, FL** — Senior engineer for the design and construction of the Lloyd Estates Residential and Industrial Area Drainage Project. The project involved phased drainage and water distribution system improvements consisting of the construction of a stormwater collection system with water quality treatment measures and possible upgraded outfalls, as well as replacement of select existing water mains within the project area. The professional services included surveying, stormwater analysis, civil and electrical engineering design, landscaping and irrigation, permitting, coordinating with utility providers for adjustments and or relocations, preparing quantity calculations, and engineer's estimates of probable costs.

**Lyons Park Sanitary Sewer Rehabilitation, Pompano Beach, FL** — 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.

**Margate City Center Stormwater Master Permit, Margate, FL** — Senior engineer. The Margate CRA selected Kimley-Horn to prepare a conceptual stormwater master plan for their 43.7-acre downtown area. The project area included a complete stormwater system re- design to incorporate the proposed development, which will include garden style apartments, townhomes, mid-rise condominiums, civic uses, and commercial developments. The project also included the preparation of a master drainage model (created using the ICPR software), an evaluation of the existing drainage system within this area, the creation of drainage basin delineations and maps, a complete hydraulic/hydrologic analysis of the area, and the proposed master conceptual drainage improvement plans. Kimley-Horn was successful in obtaining a new conceptual permit through the Broward County Surface Water Management Section, as well as a new conceptual ERP permit through the South Florida Water Management District.

**Main Wastewater Pump Station Rehabilitation, North Bay Village, FL** — Project manager for development of design, permitting, and construction phase services for the rehabilitation of the City's main wastewater pump station. The project included analyzing the existing pumping and control equipment to evaluate present operating parameters and to develop a rehabilitation approach to increase system efficiency, reduce system maintenance, and provide a reliable, redundant pump station to better serve the City. Existing shaft driven wastewater pumps were converted to submersible pumps for use in a dry pit area and the complete control system was upgraded including a new Citywide SCADA system. Also assisted the City with collecting the ARRA funding and \$1 million through a State Revolving Fund (SRF) Loan for the balance of the \$4.5-million improvement.

**Water and Sewer Asset Inventory, North Bay Village, FL** — Project manager and engineer involved with developing an asset inventory for water, sewer, and stormwater utilities throughout the City. Kimley-Horn worked with Avirom and Associates, Inc. to collect field data and survey data to develop a GIS database and associated mapping for use by the City. The inventory is an effective planning tool to evaluate the current utility infrastructure, develop rehabilitation and improvement projects, budget and schedule utility projects, and coordinate with private utility companies such as Florida Power & Light for their improvements.

**Master Wastewater Pump Station Rehabilitation, Bay Harbor Islands, FL** — Project manager and engineer to prepare construction documents and associated permitting for the rehabilitation of a triplex master wastewater pump station. The project included upgrading three non-clog wastewater pumps, replacement of the control system, and improvements to the station site.

# Stefano Viola, P.E.

## Stormwater/Water/Sewer Improvements



### Relevant Experience

#### Town Hall Square Streetscape and Infrastructure Improvements, Palm Beach, FL

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.

#### Continuing Services Contract for Utilities and Infrastructure, Hollywood, FL

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, FL** — 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, FL

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.

### 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

### 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

# Stefano Viola, P.E.

## *Relevant Experience (continued)*

**Historic Miramar Complete Streets, Miramar, FL** — 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, FL** — 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, FL** — 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.

**24-inch Water Main Route Evaluation Report and Design, West Palm Beach, FL** — Project engineer. Also provided utility coordination. 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

**Barton Boulevard Streetscape, Rockledge, FL** — 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.

**Lloyd Estates Streetscape and Drainage Improvements, Oakland Park, FL** — Project engineer for permitting elements. Also provided utility coordination. Kimley-Horn provided professional engineering services for the design and construction of the Lloyd Estates Residential and Industrial Area Drainage Project. The project involves phased drainage and water distribution system improvements consisting of the construction of a stormwater collection system with water quality treatment measures and possible upgraded outfalls, as well as replacement of select existing water mains within the project area. The professional services include surveying, stormwater analysis, civil and electrical engineering design, landscaping and irrigation, permitting, coordinating with utility providers for adjustments and or relocations, preparing quantity calculations, and engineer's estimates of probable costs.

**Continuing Stormwater Services, Cutler Bay, FL** — Project engineer. Kimley-Horn developed a stormwater master plan to address flood protection activities for its residents and to protect the environmental quality of its canals. Kimley-Horn also developed a stormwater management report to assist the Town in creating a stormwater utility, which generates a dedicated stream of revenue to implement capital improvements and maintain an operation and maintenance program associated with the stormwater system. In addition, Kimley-Horn developed the stormwater utility fee methodology and established the range of rates for the utility to implement improvements. The project tasks included compiling data, developing a stormwater master plan, developing a stormwater management report, and assisting the Town in joining the National Flood Insurance Program (NFIP) so the community has future access to federally-funded flood insurance, and submitting applications and program approach for an anticipated Community Rating System (CRS) rating of 6.



# Brenda Westhorp, P.E.

## Environmental Sciences



### Relevant Experience

**Miscellaneous Environmental Engineering Services, Miami, FL** — Project manager. Kimley-Horn is providing Miscellaneous Environmental Engineering Services to the City of Miami that includes: complete planning and design services, programming, surveying, geotechnical, feasibility studies, options evaluations, public meetings, detailed facility assessments, lead-based paint analysis, asbestos surveys, mold assessments, and recommendations, cost estimates, opinions of probable construction cost, preparation of bid and construction documents, review of work prepared by the Sub-consultants and other consultants, field investigations and observations, construction contract administration, as-built documentation and other related environmental services as needed to complete assigned projects. Specific projects include:

- **Air Monitoring for Curtis Park Corrective Action Plan.** The City of Miami Department of Capital Improvements plans to implement a Corrective Action Plan (CAP) for Curtis Park, and the implementation of the CAP requires air monitoring throughout the duration of activities that may generate dust. Kimley-Horn will perform project management activities which will include budget and schedule tracking, invoice review, project communications, coordination and interaction between project team members and the City. Kimley-Horn will also prepare reports based on the findings from the air monitoring lab results.

**Miami-Dade 60-inch Force Main SL-3A-2 - SP-1 Transmission Force Main Phase 2, Miami, FL** — Project manager. Kimley-Horn is responsible for the design of SL-3A.2, the segment of SL-3A from SW 152 Street to SW 176 Street along SW 137th Avenue with an approximate length of 8,000 linear feet. The proposed force main SL-3A.2 is a section of SL-3A, which is 60-inch transmission main designed to convey flows from the Southwest Booster Pump Station (SP-1) to SL-2. SL-3A starts at the Southwest Booster Pump Station (SP-1) on SW 136th St at approximately 1,700 feet west of the intersection with SW 137th Ave. It travels east along SW 136 Street and then south along SW 137 Avenue before connecting to SL-2 near SW 176 Street and SW 137 Avenue. Kimley-Horn and Associates, Inc. (Consultant) is responsible for the design of SL-3A.2, the segment of SL-3A from SW 152 Street to SW 176 Street along SW 137th Avenue with an approximate length of 8,000 linear feet. There is a CSX Railroad crossing just south of the intersection of SW 160 Street. Construction at this crossing will be accomplished via micro-tunneling.

### Resource Recovery Facility Cell 19 Landfill Closure, Miami-Dade County, FL

Project manager. This project involves the closure of this 10-acre cell ash monofill for the Miami-Dade County Department of Solid Waste Management (PWWM). The project includes the evaluation of closure alternatives, selection of cover system geosynthetic materials, and preparation of the Florida Department of Environmental Protection permit application. The preparation of construction drawings and technical specifications for the project are also included in the scope of services.

**South Dade Landfill (SDLF) Cell 3 Closure, Miami, FL** — Project manager. This \$9-million construction project consisted of the installation of a final cover system that contained both geosynthetic materials and soil layers on both the top and side slopes of this 40-acre area. Provided construction inspection services working hand in hand with the County's staff during the closure of Cell 3 at the SDLF. The project included construction inspection services involving daily oversight and inspections to ensure permitting compliance. The preparation of daily field reports, weekly meetings, and constant communication with the contractor and the County kept this project running smoothly. Our project team also provided timely review of the Contractor's requests for information (RFIs), project submittals, and pay requests. Close coordination with our

### Special Qualifications

- Has over 31 years of experience in managing and designing environmental engineering projects in Florida
- Extensive experience in solid waste management, environmental assessments, and stormwater management
- Expertise includes site investigations, planning, permitting, design and construction of a wide variety of projects
- A long time, Miami-Dade County resident, she was recently inducted into the Miami-Dade College Hall of Fame for Engineering
- Citizens for a Better South Florida, Member

### Professional Credentials

- Master of Science, Environmental Engineering, University of Central Florida, 1990
- Bachelor of Science, Environmental Engineering, University of Central Florida, 1985
- Professional Engineer in Florida, #42801, February 1, 1990
- Florida Engineering Society, Member
- National Society of Professional Engineers (NSPE)
- Solid Waste Association of North America (SWANA)

# Brenda Westhorp, P.E.

## *Relevant Experience (continued)*

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construction quality assurance (CQA) subconsultant, Geosyntec made the conformance testing of the liner system installation a seamless component of the project.

**South Dade Landfill (SDLF) Cell 5, Miami, FL** — Project manager. This project involves a new 50-acre cell for the disposal of waste collected by the Miami-Dade County Department of Solid Waste Management, the largest government-owned solid waste authority in the southeastern United States. The project includes a liner, HDPE leachate collection and removal system, and the addition of Cell 5's leachate transfer system to the existing leachate management facilities at the SDLF. The project was designed and permitted according to the standards of the Florida Department of Environmental Protection (FDEP) and the South Florida Water Management District (SFWMD).

**Virginia Key Landfill Closure, Miami, FL** — Project manager for the grading and drainage portion of the closure of this 124-acre parcel on an island in the environmentally sensitive waters of Biscayne Bay. The Miami-Dade County Board of County Commissioners approved funding for the enhanced closure of the landfill in 2004, which included the preparation of a site assessment report to evaluate the extent of known onsite contamination. Due to the presence of contamination, DERM required a remedial action plan which will be coordinated with future plans for developing the site being considered by the City of Miami including, but not limited to park space and recreational activities. Kimley-Horn's scope of work included a basis of design report to address the DERM's requirements for an enhanced landfill closure. We also prepared grading and drainage plans and an opinion of probable construction cost, and participated in a formal value engineering workshop.

**Hammocks Community Park Corrective Action Plan, Miami, FL** — Project manager for improvements at Hammocks Community Park in Miami-Dade County to mitigate existing soil contamination due to arsenic. This project involved: coordination with the Miami-Dade Regulatory and Economic Resources Department; the Miami-Dade Parks, Recreation, and Open Spaces Department; and the Miami-Dade School Board. The project consists of the design of a soil barrier to mitigate the existing contamination while providing for the continued use of existing facilities and the continued serviceability of the stormwater management system. In addition to the soil barrier, the park's existing parking lot and central pedestrian corridor are being expanded and improved. Provided remediation design and construction phase services.

**North District Wastewater Treatment Plant (NDWWTP) Stormwater Basis of Design Report (BODR), Miami-Dade County, FL** — Project manager for the preparation of a BODR that will guide the design of the stormwater management system upgrades at the NDWWTP. The NDWWTP, owned by the Miami-Dade County Water and Sewer Department, sits on an 84-acre site, of which more than 50 acres have been developed for treatment facilities. This project included a Phase I and a Phase II Environmental Site Assessment as part of the comprehensive study. The existing stormwater management system is disjointed and does not sufficiently protect the facilities from stormwater and flood. The BODR studies the impacts of these deficiencies and recommends solutions that are cost-effective to implement over the life of the project. Due to the long useful life of the facility, the study must also account for the anticipated effects of sea level rise. The system improvements must also protect the facility against the impacts of tidal flooding.

**Resources Recovery Facility - Leachate Collection System Rehabilitation, Miami-Dade County, FL** — Project manager for the rehabilitation plan for the leachate collection system at the Resources Recovery ash monofill. Prepared plans and specifications for the portions of the system that were damaged by leachate. Cured-in-place pipe lining was used to rehabilitate the existing gravity collection system ranging in diameter from 10 to 15 inches and consisting of corrugated steel and HDPE piping. Manhole rehabilitation included replacing manhole frames and covers and performing other miscellaneous manhole repairs, installing cementitious and epoxy manhole liners, installing poured-in-place concrete/polyethylene liners, replacing entire manholes, and bypass pumping. A new fiberglass manhole insert was provided for one that was badly damaged and no longer structurally sound.

### **Brenda worked on the following projects prior to joining Kimley-Horn:**

**NW 109th Street Pavement, Drainage and Water Improvements, Medley, FL** — Principal-in-charge for this project that consisted of the design of pavement, drainage, water, and sewer improvements along NW 109th Street and NW 97th Avenue. This project included the preparation of engineering drawings and technical specifications, providing permitting services through Miami-Dade County and the Town of Medley Building Department, bid services, and general project management. This project was completed on time and under budget.

**PS-100A Pump Station Upgrade, Medley, FL** — Principal-in-charge for the design of new pump station in the Town of Medley. This pump station will serve an area previously served by a privately-operated station which will be abandoned. The overall project includes the preparation of design drawings, calculations, and technical specifications.

# Lynn Kiefer

## Environmental Sciences



### Relevant Experience

**Pompano Beach Tri-Rail Station Improvements, South Florida Regional Transportation Planning Authority (SFRTA), Pompano Beach, FL** — Environmental task manager. SFRTA 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.

**SW 10th Street PD&E Study (Sawgrass to I-95), Broward County, Deerfield Beach, FL** — 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.

**Dixie Highway Corridor Study, FDOT District Four** — Environmental scientist responsible for all preliminary natural and cultural resource review of the Dixie Highway corridor, from NE 203rd Street in Miami-Dade County to Griffin Road in Broward County. The Dixie Highway Corridor, 7 miles long and approximately 3 square miles wide, encompasses the northern portion of unincorporated Miami-Dade County and the cities of Hallandale, Hollywood, and Dania in Broward County. Conducted field evaluations to identify natural resources, land use, and cultural resources of the corridor. Assisted in the preparation of the graphics and documentation, including identification of census tracts, current and future land use, schools, churches, parks, cemeteries, and other cultural resources.

**Transportation Program Support Services, Miami, FL** — 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.

**South Florida Regional Transportation Authority (SFRTA) Tri-Rail Parking and Circulation Study, Miami-Dade/Broward/Palm Beach, FL** — Environmental scientist responsible for several documented categorical exclusions for several proposed improvements at Tri-Rail Stations in Pompano Beach and Fort Lauderdale-Hollywood International Airport. Also responsible for environmental reviews of three potential new station sites in Palm Beach and Broward County as part of a master plan review.

**South US 1 Bus Rapid Transit (BRT) Improvements Study, Broward County, FL** Environmental scientist for Bus Rapid Transit improvements for South US 1 between Downtown Fort Lauderdale and Aventura Mall (Miami-Dade County). The study

### 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

### 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

# Lynn Kiefer

## *Relevant Experience (continued)*

developed a package of short and medium-term implementation projects and identified long-term investments to improve transit service, mobility, livability, and support economic development along the corridor. Multijurisdictional coordination included an advisory committee consisting of five municipalities, two counties, two state agencies, an international airport, and eight additional stakeholder agencies. The solutions included transit infrastructure, traffic signalization, intelligent transportation systems (ITS), and complete streets to support transit-oriented development, multimodal facilities, and improved surface transportation.

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

**Miami River-Miami Intermodal Center Capacity Improvement (MR-MICCI), Miami, FL** — Environmental task manager. This project will provide additional mainline track(s) within the South Florida Rail Corridor from just north of the Tri-Rail Hialeah Market Station to the Miami Intermodal Center's (MIC's) Miami Central Station (MCS). The project also will include evaluating alternatives for the replacement of the historic bridge over the Miami River. The lead federal agency is the Federal Transit Administration (FTA) with the US Coast Guard (USCG) as a cooperating agency. The project also includes extensive coordination with US Army Corps of Engineers as it is a federal works navigable channel. An Environmental Assessment is the NEPA class of action. Also, responsible for assisting with the Determination of Effects documentation for the historic bridge and the Individual Section 4(f) Statement.

**Miami-Dade MPO Improving Access FIU Biscayne Bay Campus Area, Miami, FL** — Environmental scientist. Kimley-Horn was selected by the Miami-Dade MPO to conduct on-board transit surveys for 22 Miami-Dade Transit bus routes serving Downtown, Miami Beach and North Miami. Our team interviewed about 10% of the 100,000 daily transit riders over seven survey days to develop improved origin-destination, transit boarding and alighting, travel pattern, and socioeconomic data for inclusion in the Southeast Florida Regional Planning Model (SEPRM). The data quality combined with a strong overall response rate will improve geocoding, ridership forecasts, and the modeling efforts needed to support the numerous Federal Transit Administration (FTA) funded transit studies in the region.

**Miami-Dade MPO NW 27th Avenue Enhanced Bus Service Concepts and Environmental Plan, Miami, FL** Environmental task manager responsible for the environmental data collection, analysis and preparation of the documented Categorical Exclusion for the proposed bus stop improvements and the proposed bus park and ride lot. The Kimley-Horn team was retained by the Miami-Dade County MPO to develop a concept for the implementation of enhanced bus service along NW 27th Avenue.

**PD&E Study for Flagler Memorial Bridge, FDOT District Four** — Environmental task manager responsible for preparation of the Endangered Species Biological Assessment, Contamination Screening Evaluation, Noise Study and Air Quality Evaluation. Responsible for coordinating subconsultant resources, all environmental document quality reviews, and preparation of the Type 2 Categorical Exclusion. 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. Also responsible for preparing the permit applications under the ETDM process (one of the first for FDOT District Four).

**PD&E Study for SR 5/US 1/Federal Highway 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.

**Turnpike Mainline Widening from Sunrise to Atlantic, Florida's Turnpike Enterprise** — Environmental scientist responsible for preparing the Environmental Resource Permit, Section 404 Dredge and Fill Permit and Broward County permit modifications for the proposed widening of Florida's Turnpike from Sunrise Boulevard to Atlantic Boulevard and coordinating issuance of the permits with SFWMD, USACE, and Broward County.



# Derrick Lewis, P.E.

## Drainage

### Relevant Experience

**Naples Central Avenue Improvements, Naples, FL** — 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, FL** — 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).

**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 A1A North Causeway PD&E Study, FDOT District Four** — Project 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.

**Florida's Turnpike Widening from Glades Road to Atlantic Avenue, Florida's Turnpike Enterprise** — 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



### 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

### 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)

# Derrick Lewis, P.E.

## *Relevant Experience (continued)*

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Florida Gas Transmission Gas main located within specified border width. This will require deviation from FDOT standard operating design procedures.

**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 BJ's 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%.

**Sand Lake Road Interchange Design, Florida's Turnpike Enterprise** — Project engineer for the 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.

**SR 826 Connector at Golden Glades Interchange and Various Ramps, FDOT District Six** — Project engineer. Kimley-Horn is providing drainage, ITS, signalization, lighting, and minor structural design services as a subconsultant to another firm. The Golden Glades Interchange (GGI) provides connectivity to six major arterials and limited access expressway facilities including I-95, SR 826/Palmetto Expressway, Florida's Turnpike, SR 7/US 441, and NW 167th Street. The GGI has a direct impact on inter-county travel between Miami-Dade, Broward and Palm Beach counties and serves as the backbone for the transportation of goods, services, and the traveling public in South Florida. The South Florida Rail Corridor (SFRC) also traverses the interchange area.

**SR 826/Palmetto Expressway from W of SR 823/NW 57th Ave to W of SR 817/NW 27th Ave, FDOT District Six** 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.

**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.

# Armand Yvel, P.E.

## Drainage

### Relevant Experience

**SR 816/Oakland Park Blvd. from I-95 to SR 7, FDOT District Four** — Lead drainage engineer responsible for the research, evaluation, and preparation of a drainage report to correct frequent flooding of SR 816 in the City of Oakland Park for FDOT District Four.

**I-95 Master Plan for 17 Interchanges from Linton Blvd. to Northlake Blvd., FDOT District Four** — Drainage design engineer 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 by February 2015 and documented in an Interchange Master Plan (IMP).

**Districtwide Miscellaneous Drainage Design/Review On-Call Services, FDOT District Five** — Project engineer for the districtwide drainage design/review services project for FDOT District Five's Maintenance Department. Typical tasks involve the evaluation of various drainage/maintenance problems with the subsequent recommendations and scope development, drainage connection permit reviews, and districtwide hurricane response.

**Federal Highway (US 1) Interim and Final Enhancements, Delray Beach, FL** Project engineer on the Kimley-Horn team providing roadway design, water main design services, relocation of piping for new drainage facilities, and design of water main crossings for a multi-phased project, which includes two miles of the US 1/Federal Highway one-way pair in each direction in Delray Beach. The City and 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.

**Final Design Services for SR 5 (US Highway 1) Right-of-Way Mapping and Sidewalks from Volco Road to North City Limits, Edgewater, FL** — Project engineer responsible for drainage/permitting services. Kimley-Horn performed the final design and permitting for sidewalk improvements and right-of-way mapping along the 4.7-mile segment of US 1 (State Road 5) from Volco Road to the North City Limits through the Local Agency Program (LAP) administered by the Florida Department of Transportation (FDOT). This project included the addition of sidewalks on both sides of US 1, where they did not yet exist, and modification/replacement of existing sidewalk features within the project limits that did not meet current design criteria. In addition, this project addressed intersection improvements and stormwater drainage improvements as required to properly implement the sidewalk improvements. All improvements were kept within the existing right-of-way. Kimley-Horn also provided public information/stakeholder coordination and construction phase services. Kimley-Horn administered the project from data collection through construction documents while streamlining the LAP process.

**General Engineering and Architectural Services, Doral, FL** — Kimley-Horn was selected in 2011 to provide general consulting services for the City of Doral's General Engineering and Architectural Services contract. Services will be provided on a work order basis for a wide range of projects as defined by the City. One of the work orders we have received under this contract includes the following:



### Special Qualifications

- Has 36 years of civil engineering experience
- Areas of expertise include drainage design and permitting, location hydraulic reports, and floodplain studies

### Professional Credentials

- Master of Science, Civil Engineering, University of Central Florida, 2003
- Bachelor of Science, Civil Engineering, Higher Technical School, Arnhem, Netherlands, 1982
- Professional Engineer in Texas, #106393, June 8, 2010
- American Society of Civil Engineers (ASCE)

# Armand Yvel, P.E.

## Relevant Experience (continued)

■ **NW 117th Avenue Improvements.** Project engineer for the Kimley-Horn team that provided engineering services for this roadway project under the General Engineering and Architectural Services contract with the City of Doral. Responsibilities included drainage and roadway design.

**Lyons Road from Clint Moore Road to Atlantic Avenue, Boca Raton, FL** — Project engineer. As a subconsultant to another firm, Kimley-Horn provided structural design for a new bridge, utility coordination, coordination with Lake Worth Drainage District, and permit coordination services for roadway construction and improvements for Lyons Road. The project resulted in plans for a four-lane divided typical section with provisions for an ultimate six-lane section for Clint Moore Road to Linton Blvd. and a five-lane section from Linton Blvd. to Atlantic Avenue.

**Altamonte Springs Gateway Drive Extension Final Design, Altamonte Springs, FL** — Drainage engineer on the Kimley-Horn team that provided design, permitting, bidding support, and construction phase services for the Gateway Drive Extension project. This project involved the new construction of approximately one mile of four-lane, divided urban roadway from east of Forest City Road to Keller Road. It also included construction of a new two-lane, urban roadway and widening for auxiliary lanes along Maitland Boulevard and Keller Road. The disciplines involved in this project included roadway, drainage, floodplain, utilities, traffic control, signing/pavement marking, signalization, structural, landscaping, permitting and right-of-way-mapping. This project was permitted through Seminole County, SJRWMD, USACE, FDEP, FEMA, FDOT, and the City of Maitland.

**Modern Roundabout Improvement Design / PD&E for US 41 and Gulfstream, FDOT District One** — Project engineer. 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. Design improvements for this constrained urban intersection addressed multi-modal transportation, pedestrian connectivity/safety enhancements and balanced roundabout performance criteria such as fastest path analysis and design vehicle movements. Due to high pedestrian volumes FDOT is implementing the use of High Intensity Activated Crosswalks or Hawk signals.

**SR 263 (Capital Circle SW) from Springhill Drive to SR 371 (Orange Avenue) Multi-lane Reconstruction, FDOT District Three** — Project lead drainage engineer for a four mile section of SR 263 (Capital Circle SW) which includes the conversion of the existing two-lane rural roadway to a six-lane divided urban typical section. This segment of SR 263 is a SIS facility and will complete the Capital Circle roadway improvement between I-10 and the entrance to the Tallahassee Regional Airport. The proposed six-lane typical section will be provided within a 180-foot to 230-foot right-of-way and will provide three 12-foot travel lanes and a 4-foot bike lane in each direction, as well as a 12-foot wide meandering multi-use path along one side of the corridor. Kimley-Horn is providing a full range of roadway design services, including public involvement, traffic analysis, maintenance of traffic, erosion control, signing and pavement marking, as well as floodplain management and preparation of the project Pond siting report. The project drainage effort includes the design of the primary stormwater management systems, secondary collection and cross drain designs, plans preparation, and regulatory permitting. The project will require significant coordination with the City of Tallahassee and the Tallahassee Regional Airport Authority to ensure the design includes improvements which contribute to the City's desire for the roadway to provide a gateway entry to the City. The coordination of access to the airport is vital to the operation of the airport and close coordination with the airport authority is necessary throughout the design process.

**Town of Windermere Continuing Professional Services, Windermere, FL** — Project engineer on the Kimley-Horn team that was selected to perform professional engineering services to include design, planning, permitting and review for the Town of Windermere. Specific projects include:

■ **Areawide Traffic Study.** In 2013, the Town of Windermere selected Kimley-Horn to perform an areawide traffic study. Tasks included road classifications, traffic counts, access roadway conditions and recommendations for improvements, comprehensive traffic operations and safety analysis, obtain and evaluate crash data for three years to determine the need for safety improvements, inventory the Town's current bicycle and pedestrian paths, and public involvement, among others. The purpose of the study was to promote a safe and livable environment for the Town's residents, pedestrians, bicyclists, and motorists.

**U.S. 301 Design Improvements (under FDOT District Five direction), Sumter and Marion Counties, FL** — Drainage engineer responsible for plans preparation, overall drainage design, and environmental permit application preparation for the widening of US 301 in Sumter and Marion counties from its current two-lane, rural section to a four-lane, divided section.



# Keith Greminger, AIA

## Architecture



### Relevant Experience

#### **Hillsborough Area Regional Transit Authority (HART) Bus Rapid Transit (BRT) North-South MetroRapid Preliminary and Final Design Services, Tampa, FL**

Project planner. Kimley-Horn provided design services to implement the first BRT project for the Hillsborough Area Regional Transit Agency (HART). The North-South MetroRapid project was the first in the region and a first for Florida's west coast. MetroRapid is HART's signature BRT service that provides additional passenger conveniences, including enhanced buses, 10-minute headways during peak hours and 15-minute headways during non-peak hours, and traveler information systems. The MetroRapid project spans 17.5 miles of roadway and has 65 signature stations to serve passengers.

**Clearwater-Largo Road CRA Finding of Necessity, Largo, FL** — Project manager of the Kimley-Horn team selected by the City of Largo to perform an evaluation of the Clearwater-Largo Road Community Redevelopment District (CLR-CRD) including expansion of the CLR-CRD. The analysis intended to serve as a basis of expanding the CRA consistent with Chapter 163, Part III, Florida Statutes and Pinellas County. Our services included project initiation and project management; historical context, base data collection, and mapping; and CRA boundary district assessment and finding of necessity/blight study (FON). The Kimley-Horn team produced a written memorandum summarizing key findings, conclusions, and recommendations under these tasks, as well as incorporated graphic materials from the consultant team in a format suitable for presentation to the community and interested third parties.

**Residences at the Riverwalk, Tampa, FL** — Project manager. The Residences at the Riverwalk is a proposed residential mixed-use tower within the Cultural Arts District of Tampa. The proposed development will be constructed on approximately one acre of land to be created through modifications to the existing roadway network. Kimley-Horn is providing the transportation planning, traffic engineering, urban design, site civil design, landscape architecture, and environmental design services for the project. In addition to the complex and creative design process, Kimley-Horn is working with stakeholders such as the City of Tampa, the David A. Straz Center for the Performing Arts, and the John F. Germany Library to ensure that all stakeholders' interests are being addressed during the design process.

**Crystal River Commons, Crystal River, FL** — Project planner. Kimley-Horn provided design and permitting of a 27-acre commercial/residential development in the City of Crystal River. The three-phased project included: stormwater and utility design, intersection and roadway design on US 19 and Venable Drive, roadway design for a two-mile extension to Ozello Trail, lot design and grading for a 160-acre commercial portion of the project, and coordination with Citrus County, Progress Energy, and Ozello Water to provide major utility realignment and installation.

**Largo Multimodal Plan, Largo, FL** — Landscape architect. The City of Largo's Multimodal Plan addressed implementation initiatives outlined in the City's Strategic Plan. Kimley-Horn created the plan that developed recommendations that encourage pedestrians, bicyclists, and recreational uses, in addition to supporting automobile and transit use within specific multimodal corridors. The plan outlines a 25-year work program designed to guide funding and scheduling of multimodal improvements along the designated multimodal network of streets and trails. The plan identifies both near- and long-term planning horizons for projects and funding, requiring collaboration and partnerships with multiple stakeholders and agencies, including the Pinellas County Metropolitan Planning Organization, Pinellas County Public Works, Pinellas County Department of Health, and the Florida Department of Transportation.

### Special Qualifications

- Keith has 36 years of experience in urban design and community, commercial, and corporate master planning with some of the world's most recognized design firms
- Has led several planning and design teams assisting municipalities with repositioning of their local assets to create livable neighborhoods and connected communities
- As a resident of Tampa for more than 25 years, Keith has and continues to serve in leadership roles in numerous professional and civic organizations committed to the practice of placemaking and improved quality of life in the built environment
- As an architect, he understands the built environment and the critical components of building placement, access, edges, the public realm, and placemaking characteristics that support community evolution

### Professional Credentials

- Bachelor of Architecture, Architecture, Kansas State University, 1981
- Registered Architect in Florida, #30084579, August 20, 1993 - NCARB (National Council Architectural Registration Boards)
- Certified Facilitator, National Charrette Institute
- American Institute of Architects (AIA), Member
- Urban Land Institute

# Keith Greminger, AIA

## *Relevant Experience (continued)*

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**Clearwater-Largo Road CRA Finding of Necessity, Largo, FL** — Project manager of the Kimley-Horn team selected by the City of Largo to perform an evaluation of the Clearwater-Largo Road Community Redevelopment District (CLR-CRD) including expansion of the CLR-CRD. The analysis intended to serve as a basis of expanding the CRA consistent with Chapter 163, Part III, Florida Statutes and Pinellas County. Our services included project initiation and project management; historical context, base data collection, and mapping; and CRA boundary district assessment and finding of necessity/blight study (FON). The Kimley-Horn team produced a written memorandum summarizing key findings, conclusions, and recommendations under these tasks, as well as incorporated graphic materials from the consultant team in a format suitable for presentation to the community and interested third parties.

**Largo Comprehensive Development Code (CDC) Review, Largo, FL** — Kimley-Horn was retained by the City of Largo to review its comprehensive development code (CDC) regulations and procedures. Serving as project planner involved with the review and update of the City's parking standards, including provisions for shared parking, transportation demand management options, and modernization of their code provisions.

**Pinellas Gateway /Mid-County Area Master Plan, Pinellas County, FL** — Project planner. Kimley-Horn is part of the team serving Forward Pinellas for the development of a master plan for the Pinellas Gateway/Mid-County area to support economic growth efforts for Pinellas County and the Tampa Bay region. Kimley-Horn is currently scoping the multimodal transportation piece that includes mapping out existing pedestrian, bicycle, transit and vehicular circulation conditions, coordinating with FDOT, and conducting a land use and environmental inventory. Kimley-Horn is currently scoping the civil engineering portion for infrastructure in the area including regional stormwater.

**St. Pete Innovation District Streetscape and Connectivity Concept Plan, St. Petersburg, FL** — Project planner. The Streetscape and Connectivity Concept Plan builds on previous efforts and sets the stage for implementation of projects to help better connect the St. Pete Innovation District. This plan prioritizes multimodal and streetscape projects to help better connect the institutions within the District into a more cohesive community that enables and encourages patron interaction. What makes the St. Pete Innovation District unique is its connection to the water and the presence of marine and health science institutions. The plan implements a brand strategy and identifies opportunities to tie various elements together to give the St. Pete Innovation District a sense of place. Most importantly, the plan creates an implementation strategy for projects that would provide economic development opportunities. 9.5-acre area between the proposed new Pier and the Downtown Core of Beach Drive.



## PAUL D. KISSINGER FASLA, PLA

PRINCIPAL

### EXPERIENCE

#### BACKGROUND

Creating environments that exude energy, offer economic viability, and enhance overall aesthetics are essential components in Paul's overall approach. Positively impacting the environment by influencing the process, he has developed an innate talent to design organic, impactful spaces that offer visual appeal and social justice for users across the globe. At the foundation of Paul's altruistic approach lies a focus on innovation as a way of life – placing technology, non-complacency, and sustainability at the forefront of every project. He derives great satisfaction in knowing that, that which he advocates for, supports, and produces will ultimately change lives for the better.

#### EDUCATION

Kansas State University, Master of Landscape Architecture, 1989

University of Michigan, Bachelor of Science & Natural Resources, 1986

#### REGISTRATION

Landscape Architect (Kansas), #519  
Landscape Architect (Fl), #1611  
Landscape Architect (Ok), #217  
Landscape Architect (Ky), #672  
Landscape Architect (Oh), #1109  
CLARB Certified #1150

#### AFFILIATIONS

State of Florida Board of Landscape Architecture, appointed by Governor Rick Scott, 2015

ASLA, Associate Member, 1989; Full Member, 1994; Fellow, 2009

ASLA National Conference Planning Committee, 2005–2006

Florida ASLA, Government Affairs Committee, 2007–Present

**Brightline, Palm Beach, Broward, Miami-Dade Counties, Florida:** Transforming intercity travel, this service will be the first privately-owned and operated passenger rail system in the United States. EDSA's design reinforces a sense of place with a mix of active and passive uses, civic features, and public art – creating a dynamic environment that weaves transit facilities into the community fabric. EDSA is providing full services for the Miami, Fort Lauderdale, and West Palm Beach stations.

**Pompano Beach Streetscape and Dune Restoration, Pompano Beach, Florida:** EDSA's design contributions helped to create a vibrant and uniquely branded oceanfront pedestrian promenade. Paul and his team evaluated the improvement area, met with governmental agencies, and provided conceptual alternatives for the streetscape.

**Pompano Beach NW CRA Connectivity Plan, Pompano Beach, Florida:** EDSA presented recommendations for public rights of way. The concepts addressed connectivity at the intersection on four quadrants in order to create a future, mixed-use Downtown Pompano District.

**Oakland Park Downtown Revitalization, Oakland Park, Florida:** EDSA developed a master plan, design guidelines, and new ordinance to regulate redevelopment in the 160-acre downtown. As team leader, EDSA provided public consensus building, master planning, and development of design guidelines. In addition, Paul led design development and construction administration services for NE 12th Avenue streetscape improvements including roadway layout, striping, drainage, planting, hardscape, irrigation, and construction plans.

**Fort Lauderdale Streetscape Improvements, Fort Lauderdale, Florida:** EDSA provided master planning and schematic design services for streetscape improvements including landscape, hardscape, roadway reconfiguration, parking, signage, site furniture, and lighting. Paul served as Principal-In-Charge, bringing life to the cities major beachfront arteries through organic design.

**Las Olas Corridor Improvements, Fort Lauderdale, Florida:** The design creates visual and physical connections to the beach while prioritizing pedestrian circulation and establishing public spaces. EDSA is responsible for team leadership, overall design, and construction period services for the realignment as well as redevelopment of Oceanside Park, the Intra-coastal promenade and Channel Square Canal.

**Owensboro Riverfront Master Plan, Owensboro, Kentucky:** As Principal-In-Charge, Paul led a multi-disciplinary team in master planning efforts for the 1.5 mile linear park along the Ohio River. EDSA's scope of services included site inventory and analysis, consensus building, and strategic planning.



**Smothers Park Improvements, Owensboro, Kentucky:** The park includes an interactive water fountain, promenade, signature playground, and Vietnam War POW Memorial. As Principal-In-Charge, Paul provided detailed design, permitting assistance, and construction bidding.

**North Miami CRA, North Miami, Florida:** EDSA provided detailed analysis of existing conditions and determined the maximum redevelopment area in compliance with Florida Statutes. Addressing land use, traffic intensity, phasing, and public/private controls, the plan served as the basis for implementing new in-fill and rehabilitated housing opportunities designed to bring benefits to residents and businesses.

**Oakland Park CRA, Oakland Park, Florida:** EDSA, led a multidisciplinary team in the preparation of a CRA Master Plan including identification of phase one projects, order of magnitude cost summaries, future land-use and zoning changes, public consensus building and assistance with negotiations of an inter-local agreement for funding. Paul served as principal in charge.

## ADDITIONAL EXPERIENCE

Oklahoma City VIEW-Scape Master Plan, Oklahoma City, Oklahoma  
Old Pompano Civic Plaza, Pompano Beach, Florida



## KEITH WEAVER PLA, AICP, ASLA, LEED AP

ASSOCIATE PRINCIPAL

### EXPERIENCE

**Las Olas Corridor Improvements, Fort Lauderdale, Florida:** Redefining the visitor experience, the design creates visual and physical connections to the beach while prioritizing pedestrian circulation and establishing iconic public spaces. Streetscape enhancements, incorporation of multi-modal transportation and the juxtaposition of natural and man-made patterns against the urban grid form a catalytic public realm. EDSA is responsible for team leadership, overall design and construction period services for the corridor realignment as well as redevelopment of Oceanside Park, the Intracoastal promenade and Channel Square Canal.

**Somerset Street Streetscape Plan, Raritan, New Jersey:** As project manager and lead landscape architect for design development of this nine-block "main street," Keith's responsibilities included overall project coordination, facilitation of the Steering Committee input/design process, generating alternative streetscape concepts, site element product research and maintaining quality control of the final design development streetscape package.

**Granite Street Streetscape, Manchester, New Hampshire:** As the senior landscape architect working with a team of engineers, Keith helped to prepare design development drawings for new gateway street enhancements associated with a new urban diamond interchange for Interstate 293 and a gateway bridge over the Merrimack River

**Streetscape Master Plan, Huntsville, Alabama:** Keith served as senior landscape architect for the development of streetscape design guidelines for this 40 block, downtown core area of Huntsville city visioning/strategic planning projects.

### ADDITIONAL EXPERIENCE

Beauregard Corridor Plan, Alexandria, Virginia

Downtown and Riverfront Development Plan, Millville, New Jersey

Old South Baton Rouge Neighborhood Plan, Baton Rouge, Louisiana

Riverfront Development Plan, Millville, New Jersey

Steinwehr Avenue Commercial Corridor Revitalization, Gettysburg, Pennsylvania

### BACKGROUND

Having played a role in creating master plans and redevelopment projects for more than 150 municipalities, Keith specializes in translating a community's vision into site-specific implementation initiatives. His goal is to raise awareness for sustainable thinking and responsible action through the vehicle of design – stressing the importance of contextual response and inter-disciplinary collaboration. Keith brings an artistic sensitivity to urban development relying on human ecology, natural and cultural settings, and arrangement of spaces to achieve harmony and a strong sense of place.

### EDUCATION

The Ohio State University, Bachelor of Landscape Architecture, 1987

### REGISTRATION

Landscape Architect  
(Maryland), #2003

CLARB Certified #5377

American Institute of Certified  
Planners #024867

LEED Accredited Professional,  
United States Greenbuild Council,  
2009

### AFFILIATIONS

American Society of Landscape  
Architects

American Planning Association  
Urban Land Institute, Baltimore  
Chapter

United States Green Building  
Council, Baltimore Chapter

The Waterfront Center, Advisory  
Board Member



## BETSY SUITER PLA, ASLA

VICE PRESIDENT

### RELEVANT EXPERIENCE

**South Pointe Park, Miami Beach, Florida:** EDSA helped re-imagine this urban park into a great public open space with improvements to the original interactive water feature, surrounding landscape and hardscape. The finished park reaches beyond aesthetic and functional needs, serving as a positive reflection of the community. Betsy provided schematic design detailing and construction coordination.

**Ballpark of the Palm Beaches, West Palm Beach, Florida:** A training complex for the Washington Nationals and Houston Astros, the program includes a community park, an 8,500-seat stadium and team clubhouse, practice fields and other supporting components. EDSA's design scope includes the central plaza, parking resources, pedestrian circulation and the overall landscape footprint.

**Diamond Bay Vision Plan, Dalian, China:** A catalyst for urban transformation, EDSA defined an open space system and dynamic districts for an opportunity to live close to one's workplace. Betsy served as lead designer in refining land uses and circulation systems as well as developing a sense of place through activity centers, architectural landmarks and consistent detailing.

**Florida Atlantic University Football Stadium, Boca Raton, Florida:** As the first phase of the university's Innovation Village, the event venue was designed to LEED Silver Standards. EDSA's design services for the football stadium surrounds included all exterior site elements, landscape and hardscape plans indicating plazas, walkways, paths, decks and other civic spaces.

### ADDITIONAL EXPERIENCE

Hawk's Cay Resort, Key West, Florida

Ledong Zijing Archipelago Island

Ruyi Haikou Artificial Island, Haikou City, China

### BACKGROUND

Captivated by the role design has on influencing spaces for people, Betsy combines her knowledge of material aesthetics and construction methods with a love of nature and art. Visualizing the details that make a project interesting, engaging, and timeless, Betsy melds logical, linear, and factual thinking with the creative application of color, movement, and imagination to create holistic destinations. Her forte is solidifying concepts to ensure a project fits within its context and where the design is not only be aesthetically appealing, but also creates a new awareness of the environment.

### EDUCATION

Clemson University, Bachelor of Landscape Architecture, 2005

### REGISTRATIONS

Landscape Architect (FL), #6667199

### AFFILIATIONS

American Society of Landscape Architects

### COMMUNITY INVOLVEMENT

United Way, Broward County



## JUSTIN RIETEMA PLA, ASLA

SENIOR ASSOCIATE

### RELEVANT EXPERIENCE

**Breathless Riviera Cancun, Mexico:** Sitting on approximately 11 hectares of land facing the Mexican Caribbean, the Breathless Riviera Cancun was designed to stimulate guest experiences through innovative planning. The back land hosts a large mangrove area, sustaining a healthy environment and enhancing beach views. EDSA worked to perfect the outdoor circulation areas, plazas, the terraces, seating areas, hard and soft landscape features.

**Secrets Puerto Los Cabos Golf & Spa Resort, Puerto Los Cabos, Mexico:** EDSA's master plan for this Secrets resort took full advantage of its stunning ocean location, creating an unmatched luxury destination. The design features stunning ocean and golf vistas, a world class spa, an elegantly appointed and unique pools and lounge, residential as well as hotel lodging, social club, pedestrian and biking trails and a small commercial development, all while preserving the site's significant environmental and cultural features.

**Serena Del Mar, Cartagena, Colombia:** Among its 1,016.30 hectares, the Serena del Mar's master plan encompasses five (5) distinct villages that have been designed to coexist with the site's natural character and Cartagena's unique architecture history. EDSA was responsible for providing master planning service and full service detail design for different phases of development throughout the project.

**The Landings, St. Lucia, t. Lucia, Lesser Antilles:** The Landings, St Lucia is situated on 19 acres of prime oceanfront real estate fronted by one of the most pristine beach frontage sites in Rodney Bay. EDSA was responsible for creating the overall vision for the development, master planning, and detail design services including site planning, detail design services, construction documents and construction administration.

### BACKGROUND

Justin Rietema joined EDSA in the summer of 2006 following his graduation from Iowa State University with a Bachelor of Science in Landscape Architecture. Mr. Rietema was promoted to Associate in 2008, then to Senior Associate in 2012. He is a valuable member to the staff at EDSA. Justin became a registered Landscape Architect on May 28, 2010.

### EDUCATION

Iowa State University, Bachelor's of Science in Landscape Architecture, 2006

### AFFILIATIONS

American Society of Landscape Architects

### REGISTRATION

Landscape Architect - Florida #LA6667055

### ADDITIONAL EXPERIENCE

Guacalito de la Isla, Nicaragua

Ledong Zijing Archipelago Island

La Mareas, La Cruz, Costa Rica

**ADOLPHINE "DODIE" KEITH-LAZOWICK, PLS**  
President



**Experience Highlights**

*More than 30+ years of surveying and mapping experience*

*Expertise in preparation of survey data for use in land title transfers, platting, design surveys, right of way and municipal mapping*

**Education**

*B.S. in Land Surveying  
University of Florida, 1982*

**Professional Registration**

*Professional Surveyor & Mapper, Florida (#4105), 1984*

**Professional Affiliations**

*Florida Survey and Mapping Society (FSMS)*

*Broward County Chapter of FSMS*

*American Congress on Surveying and Mapping*

*National Society of Professional Surveyors*

**Publications**

*Co-editor, "Laws and Regulations Affecting Surveying Practice in Florida," ACSM/ FSPLS Student Chapter, 1982.*

*Co-author, "Total Station Capability," Proceedings of the ASCM, Fall 1984, San Antonio, TX, 1984.*

Ms. Dodie Keith-Lazowick, with over 30+ years of professional experience, succeeds her father, Bill Keith, as a second-generation professional surveyor, President and Managing Principal of the firm. Ms. Keith-Lazowick handles the daily operations of the firm and serves as the Corporate Officer for all contracts, assuming responsibility for providing sufficient resource allocations and corporate commitment to our diverse client base. Ms. Keith-Lazowick is driven by new challenges and desire to be successful through hands-on, team-building management approach.

Through her years of professional practice and local involvement, Ms. Keith-Lazowick is well versed in agency practices and requirements. Her extensive experience in South Florida has encompassed many phases of planning, design and construction. Further, she has supervised and provided complete development services of both public and private projects for commercial, industrial, transportation, aviation, marine, mixed-use and residential developments. She has particular expertise in governmental liaison and plays an integral role for the permitting and approvals of our projects due to her professional proactive approach.

**SELECTED PROJECT EXPERIENCE**

**City of Pompano Beach & CRA Miscellaneous Engineering Services Contract:**

KEITH has served as the General Engineering Consultant for the City of Pompano Beach for over sixteen (16) years. Ms. Keith-Lazowick serves as the Contract Manager/Elected Officials Liaison for the firm. Many of the project assignments have been in the redevelopment of roadways, parking facilities and utility infrastructure design. All of the firm's services are utilized including planning, engineering, surveying, subsurface utility engineering, and landscape architecture. Signature design and construction projects include Martin Luther King Boulevard Streetscape and Utility Improvements, Old Historic Pompano Downtown Roadway and Utility Improvements, Pompano Beach Boulevard Streetscape, Utility and Dune Restoration and Municipal Reclaimed Water Main Phase III Design and Construction project.

**FDOT District 4 - State Road 810 / Hillsboro Boulevard:** KEITH provided the complete right of way and design survey for this roadway improvement and beautification project of approximately 4,800 linear feet of Hillsboro Boulevard (S.R. 810) from US1 to the ICW. The project included complete topographic design survey, easement sketches and description preparation, roadway cross-sections, underground utilities, drainage survey, mast arm signals, safety improvements, utility coordination and a tree survey. Project was let by Deerfield Beach CRA in cooperation with FDOT.

**Signalization and Pavement Marking Improvements along MLK Boulevard at Intersections with Blount Road and NW 31st Avenue, Pompano Beach, FL:**

KEITH is currently providing professional services for the signalization and pavement marking improvements along MLK Boulevard at the Blount Road and NW 31st Avenue intersections. The new signalization to the Blount Road intersection will facilitate safe and reasonable access for southbound traffic on Blount Road to

access MLK Boulevard and will properly sequence with the existing signal at NW 31st Avenue. The design plans provided by KEITH include pavement markings, paving, curbing, signage, conduit trenching, grading and sodding, including a complete set of traffic signal design plans to construct a new mast arm assembly at the intersection of Blount Road and MLK Boulevard.

**Pompano Beach Boulevard Streetscape, Pompano Beach, FL:** The Pompano Beach Boulevard Streetscape project included the redesign of Pompano Beach Boulevard roadways, median and pedestrian pathways. The Pompano Beach Boulevard Streetscape project included the redesign of Pompano Beach Boulevard roadways,



## PROJECT EXPERIENCE

median and pedestrian pathways. KEITH was responsible for Civil Engineering Design, Inspection and Surveying for the development of this unique beach front venue.

**MLK Boulevard Downtown Pompano Connectivity Plan, Pompano Beach, FL:** KEITH performed an area-wide study of the Pompano Northwest CRA existing roadway and utility infrastructure to create an underground utilities atlas map, as well as to analyze the existing roadway infrastructure for suitability, connectivity and circulation. Using the information gathered, KEITH prepared an assessment and recommendations on the suitability of the CRA's owned land and proposed land uses along the corridor. As the Lead/Prime consultant responsible for the overall team management, Engineering, Permitting, Planning, Surveying, Public Consensus and Construction Management, KEITH managed the improvements along MLK Boulevard which consisted of a pedestrian/bicycle friendly streetscape with landscape/hardscape beautification features, including special pavement materials, roadway/pedestrian LED lighting, signalization improvements, streetscape furnishings, utility adjustments (including 12-inch water main replacement and overhead infrastructure (FPL/Comcast/AT&T) hardening and pole realignment) and significant drainage and roadway improvements.

**Old Pompano Area Downtown Connectivity Plan, Pompano Beach, FL:** KEITH performed an area-wide study of the "Old" (Historic) Pompano Area existing roadway and utility infrastructure to create an underground utilities atlas map as well as to analyze the existing roadway infrastructure to create an underground utilities atlas map as well as to analyze the existing roadway infrastructure for suitability, connectivity and circulation. KEITH used this information to prepare an assessment and recommendations on suitability of infrastructure improvements in anticipation of the area becoming a major multi-modal center with the upcoming All Aboard Florida passenger train project. As the Lead/Prime consultant, KEITH was responsible for the overall team management, Engineering, Permitting, Planning, Surveying, Public Consensus and Construction Management. The improvements consisted of a pedestrian/bicycle friendly streetscape with landscape/hardscape beautification features, including special pavement materials, roadway/pedestrian LED lighting, signalization improvements, streetscape furnishings, utility adjustments (including water and sanitary sewer main replacement and conversion of existing overhead to underground infrastructure (FPL/Comcast/AT&T)), and significant drainage and roadway improvements.

**MLK Boulevard Educational Corridor Improvements (LAP Design), Pompano Beach, FL:** KEITH was selected to provide professional engineering design and related services to the City of Pompano Beach and the Pompano Beach CRA for roadway improvements along Martin Luther King Jr. Boulevard (a.k.a. Hammondville Road) between NW 31st Avenue (Turnpike Ramp) and Powerline Rd. (S.R. 845) in accordance with the MPO's Phase II "Educational Corridor" improvements. The roadway improvements include items such as new sidewalks, dedicated bicycle lands and roadside swales, new landscape medians, utility coordination for relocations and overall drainage improvements.

**Design/Build Pier Parking Garage, Pompano Beach CRA, FL:** The new parking garage includes five stories, 625 parking spaces, a speed ramp to facilitate access to higher levels of the garage and retail space on the ground level fronting NE 3rd Street and the new Pier Street. As part of the design/build team, KEITH was responsible for Planning, Surveying, Utility Coordination/Investigation, Civil Engineering, Landscape and Irrigation Design, Permitting and Construction Inspection of the project.

**Holmberg Roadway Improvements, Parkland, FL:** KEITH was selected to provide professional engineering design and related services to the City of Parkland for roadway improvements along Holmberg Road between Pine Island Road to the west and University Drive to the east. Phase II of the project included the addition of Roadside Flashing Beacons (RRFBs) at the intersection of Holmberg Rd. and NW 87<sup>th</sup> Ave. The roadway improvements included incorporating new dedicated bicycle lanes and roadside swales along both sides of the roadway, roadway milling and resurfacing (with some widening), miscellaneous safety improvements, landscape adjustments, overall drainage and roadway improvements.



**STEPHEN WILLIAMS, PE**  
Vice President of Civil Engineering



**Experience Highlights**  
*Design and management of Land Development and Governmental Civil Engineering projects including water, sewer, paving, grading, drainage and roadway projects*

**Education**  
*B.S., Civil Engineering, University of Florida, 1977*

**Professional Registration**  
*State of Florida Professional Engineer, #32090, 1982*

**Professional Affiliations**  
*American Society of Civil Engineers (ASCE), Member*

*Florida Engineering Society (FES), Member*

*National Society of Professional Engineers (NSPE)*

Mr. Stephen Williams has been engaged in civil and transportation engineering design and construction in South Florida for over 30+ years. Mr. Williams has served as the record engineer for numerous transportation, utility, water management, municipal, aviation, recreation, roadway and land development (governmental, residential, mixed-use and commercial) projects in South Florida. These include projects at Florida's Turnpike, Miami International and Fort Lauderdale-Hollywood International Airports and multiple projects for municipalities, school districts and universities. Projects have included roadway and site engineering design and analysis (paving, grading, drainage, water and sanitary sewer design and construction administration) for both private and governmental clients. He has served as the general municipal civil engineering consultant to cities of Oakland Park, Miramar, Plantation, Fort Lauderdale, Sunrise, Pompano Beach, Deerfield Beach and Tamarac.

### SELECTED PROJECT EXPERIENCE

**MLK Jr. Boulevard (from Powerline Road to the Turnpike) Streetscape Improvements, Pompano Beach, FL:** KEITH was selected to provide professional landscape architecture, surveying, SUE and engineering design services to the City of Pompano Beach and the Pompano Beach CRA for roadway improvements along Martin Luther King Jr. Boulevard (aka Hammondville Road) between NW 31st Avenue (Turnpike Ramp) and Powerline Rd. (SR 845) in accordance with the Broward County Educational Corridor improvements. The roadway improvements include incorporating new sidewalks, dedicated bicycle lanes and roadside swales along both sides of the roadway, roadway milling, resurfacing and widening, and other miscellaneous improvements. KEITH was instrumental in assisting the City with securing grants to help fund the project and also satisfying the many commitments associated with these. One type of funding sourced was the FDOT contributing through Local Agency Project (LAP) monies for the construction of the sidewalks along MLK Jr. Boulevard. KEITH also processed multiple permit and plan approvals through the many jurisdictions having interest in the project.

**MLK Boulevard Downtown Pompano Connectivity, Pompano Beach, FL:** KEITH performed an area-wide study of the Pompano Northwest CRA existing roadway and utility infrastructure to create an underground utilities atlas map, as well as to analyze the existing roadway infrastructure for suitability, connectivity and circulation. Using the information gathered, KEITH prepared an assessment and recommendations on the suitability of the CRA's owned land and proposed land uses along the corridor. As the Lead/Prime consultant responsible for the overall team management, Engineering, Permitting, Planning, Surveying, Public Consensus and Construction Management, KEITH managed the improvements along MLK Boulevard which consisted of a pedestrian/bicycle friendly streetscape with landscape/hardscape beautification features, including special pavement materials, roadway/pedestrian LED lighting, signalization improvements, streetscape furnishings, utility adjustments (including 12-inch water main replacement and overhead infrastructure (FPL/Comcast/AT&T) hardening and pole realignment) and significant drainage and roadway improvements.

**NE/NW 6 Street (Sistrunk Boulevard), Fort Lauderdale, FL** This 2.3-mile urban corridor is a Streetscape and Enhancement Project from NW 24th Avenue to Federal Highway (US-1). Mr. Williams served as the lead site design engineer and Project Manager during the construction phase. This project involved lane reductions, on-street parking, wider sidewalks, drainage improvements, decorative street and pedestrian lighting, bus shelters, landscaping, signalization upgrades and sanitary sewer design.

**Winfield Boulevard Traffic Calming and Streetscape Improvements, Margate, FL:** KEITH is providing traffic calming measures and streetscape improvements for the corridor of Winfield Boulevard from SR-7 to NW 64th Terrace, approximately 3,000 LF of local roadway. Scope entails providing schematic drawings of existing conditions, concept drawings including three alternatives considering potential lane width modifications, landscaping, potential pavement enhancements, lighting, introduction of two roundabouts and other

improvements aimed at traffic calming, cost estimates, Design, Permitting and Construction Documents, project coordination and community workshops.

**Colonial Drive Traffic Calming, Pedestrian Routing and Streetscape Improvements -Phase 1, Margate, FL:** Phase 1 includes traffic calming, pedestrian routing and streetscape improvements containing approximately 500 LF of Local Roadway. The scope entails schematic drawings of existing conditions, concept drawings including two alternatives considering potential lane width modifications, road geometry adjustments, landscaping, street lighting, potential pavement enhancements, other improvements aimed at enhancing pedestrian crossing experience on Colonial Drive and traffic calming, cost estimates, coordination meeting with Northwest Regional Hospital and MCRA staff and public workshops, if necessary.

**Streetscape Improvement Project/NE 38th Street from Dixie Highway to NE 13th Avenue Design Services, Oakland Park, FL:** Mr. Williams was the Engineer of Record for the design of NE 38 Street from Dixie Highway through the intersection of NE 13 Avenue in Oakland Park, Florida. The goal was to enhance the pedestrian movements and vehicular traffic circulation in the area by developing paving, grading, drainage, landscaping and street lighting plans. The roadway cross-section included a sidewalk on the south side of NE 38 Street. The sidewalk on the north side of NE 38 Street was supplied by the Oakland Station development on the Oakland Station property in a sidewalk easement. This project connects the city's NE 12 Avenue project to their NE 38 Street project. Further designed a stormwater management system that includes a pumping station to eliminate frequent flooding of low roadway segments. The roadway reconstruction included upgrading the water and sanitary sewer systems as well as new storm drainage lines.

**Pompano Beach Design/Build Pier Beach Parking Garage, Pompano Beach, FL:** The new Pompano Beach Pier Parking Garage is located at the southeast corner of North Ocean Blvd. (S.R. A1A) and NE 3rd Street on a 3.5-acre site. The new parking garage includes five stories, 625 parking spaces, speed ramp to facilitate access to higher levels of the garage and some retail space on the ground level fronting NE 3rd Street and the new Pier Street. As part of the design-build team, led by Kaufman Lynn Construction, KEITH was responsible for Planning, Surveying, Utility Coordination/Investigation, Civil Engineering, Landscape Design, Permitting and Construction Inspection of the project.

**NE 38th Street from Dixie Highway to NE 13th Avenue Design Services, Oakland Park, FL:** Mr. Williams was the Engineer of Record for the design of NE 38 Street from Dixie Highway through the intersection of NE 13 Avenue in Oakland Park, Florida. The goal was to enhance the pedestrian movements and vehicular traffic circulation in the area by developing paving, grading, drainage, landscaping and street lighting plans. The roadway cross-section included a sidewalk on the south side of NE 38 Street. The sidewalk on the north side of NE 38 Street was supplied by the Oakland Station development on the Oakland Station property in a sidewalk easement. This project connects the city's NE 12 Avenue project to their NE 38 Street project. Further designed a stormwater management system that includes a pumping station to eliminate frequent flooding of low roadway segments. The roadway reconstruction included upgrading the water and sanitary sewer systems as well as new storm drainage lines.

**Drainage Improvements at Various Intersections/Roads, Town of Southwest Ranches, FL:** KEITH will be providing engineering, surveying and construction observation services to the Town of Southwest Ranches for five different work areas located throughout the Town. Work elements include catch basins, piping, culverts and grading of swales. KEITH's drainage design, including stormwater and permitting experience will facilitate coordination with four different regulatory agencies. Steve Williams Sr., PE, is serving as project manager during both design and construction, working with the Town to ensure all DEP funding requirements are met.

**NW 38th Street Drainage Improvements, Oakland Park, FL:** Mr. Williams served as the Project Manager. Designed a stormwater management system that includes a pumping station to eliminate frequent flooding of low roadway segments. The roadway reconstruction included upgrading the water and sanitary sewer systems as well as new storm drainage lines.

**ALEXANDER LAZOWICK, PE**  
Assistant Director of Engineering



**Education**

*B.S. in Civil Engineering,  
University of North Florida,  
2010*

**Professional Registration**

*State of Florida Professional  
Engineer #78625, 2015*

**Professional Affiliations**

*-ASCE Member  
-FES Member  
-BIM Smart Foundation  
Member  
- BuildingSMART Foundation  
Member*

**Certifications**

*- Troxler Nuclear Gauge*

*-FDOT Workzone Traffic  
Control Intermediate Level  
MOT*

*-30 Hour OSHA General  
Industry safety and health  
hazard recognition and  
prevention*

Mr. Lazowick was introduced to civil engineering and construction by his grandfather, Mr. Bill Keith, founder of the firm. He is eager for the challenge to be the third family generation professional working to provide quality developments within the South Florida community and beyond. He has performed civil engineering design, permitting and construction administration services for a diverse array of project classifications including aviation, roadway, recreational, residential, commercial and governmental projects. Mr. Lazowick also serves as BIM Manager, responsible for all 3D oriented projects. Through his more than ten years of experience, Mr. Lazowick has gained an understanding of the value of working together as a team to quickly identify and establish project goals to achieve successful results. His qualifications include knowledge with AutoCAD Civil 3D, Navisworks, Revit, BIM, Microsoft Office, computer networking and he possesses excellent communication skills.

**SELECTED PROJECT EXPERIENCE**

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Consensus and Construction Management, KEITH managed the improvements along MLK Boulevard which consisted of a pedestrian/bicycle friendly streetscape with landscape/hardscape beautification features, including special pavement materials, roadway/pedestrian LED lighting, signalization improvements, streetscape furnishings, utility adjustments (including 12-inch water main replacement and overhead infrastructure (FPL/Comcast/AT&T) hardening and pole realignment) and significant drainage and roadway improvements.

**Old Pompano Area Downtown Connectivity Plan, Pompano Beach, FL:** KEITH performed an area-wide study of the "Old" (Historic) Pompano Area existing roadway and utility infrastructure to create an underground utilities atlas map as well as to analyze the existing roadway infrastructure to create an underground utilities atlas map as well as to analyze the existing roadway infrastructure for suitability, connectivity and circulation. KEITH used this information to prepare an assessment and recommendations on suitability of infrastructure improvements in anticipation of the area becoming a major multi-modal center with the upcoming All Aboard Florida passenger train project. As the Lead/Prime consultant, KEITH was responsible for the overall team management, Engineering, Permitting, Planning, Surveying, Public Consensus and Construction Management. The improvements consisted of a pedestrian/bicycle friendly streetscape with landscape/hardscape beautification features, including special pavement materials, roadway/pedestrian LED lighting, signalization improvements, streetscape furnishings, utility adjustments (including water and sanitary sewer main replacement and conversion of existing overhead to underground infrastructure (FPL/Comcast/AT&T)), and significant drainage and roadway improvements.

**Pompano Beach Boulevard Streetscape, Pompano Beach, FL:** The Pompano Beach Boulevard Streetscape project included the redesign of Pompano Beach Boulevard roadways, median and pedestrian pathways. The

## PROJECT EXPERIENCE

Pompano Beach Boulevard Streetscape project included the redesign of Pompano Beach Boulevard roadways, median and pedestrian pathways. KEITH was responsible for Civil Engineering Design, Inspection and Surveying for the development of this unique beach front venue.

**Pompano Beach Design/Build Pier Beach Parking Garage, Pompano Beach, FL:** The new Pompano Beach Pier/Beach Parking Garage is located at the southeast corner of North Ocean Blvd. (S.R. A1A) and NE 3rd Street on a 3.5-acre site. The new parking garage includes five stories, 625 parking spaces, speed ramp to facilitate access to higher levels of the garage and some retail space on the ground level fronting NE 3rd Street and the new Pier Street. As part of the design-build team, led by Kaufman Lynn Construction, KEITH was responsible for Planning, Surveying, Utility Coordination/Investigation, Civil Engineering, Landscape Design, Permitting and Construction Inspection of the project

**Holmberg Roadway Improvements, City of Parkland, FL:** KEITH was selected to provide professional engineering design and related services to the City of Parkland for roadway improvements along Holmberg Road between Pine Island Road to the west and University Drive to the east. Phase II of the project included the addition of Roadside Flashing Beacons (RRFBs) at the intersection of Holmberg Rd. and NW 87<sup>th</sup> Ave. The roadway improvements included incorporating new dedicated bicycle lanes and roadside swales along both sides of the roadway, roadway milling and resurfacing (with some widening), miscellaneous safety improvements, landscape adjustments, overall drainage and roadway improvements.

**Hillsboro Boulevard (SR 810) Streetscape Improvements, Deerfield Beach, FL:** This project entailed public involvement, planning, design, permitting and management, for major roadway and beautification improvements along Hillsboro Boulevard between Federal Highway (S.R.5/U.S.1) and S.R. A1A (1.2 miles) within the City of Deerfield Beach. The improvements included full roadway reconstruction, drainage, streetscape, landscape and utility coordination for the burial of the overhead lines.

**KOI Residences and Marina, Pompano Beach, FL:** Mr. Lazowick assisted with the design and permitting tasks associated with the development of this 8.8 acre parcel which includes 350 residential condos and apartments, integrated with restaurant and retail commercial within a compact integrated gated community. Project is located along Atlantic Boulevard (SR 814) also includes a 48 slip marina. Design includes off-site FDOT turn lanes, exfiltration trench accented stormwater management system, lift station serving all uses, and an extensive internal roadway system connecting all 13 buildings. Site and utility infrastructure was designed and modeled with AutoCAD Civil 3D. Mr. Lazowick was responsible for collaborating with architectural and support subconsultant team to set shared coordinate base to correlate Revit design files with AutoCAD Civil 3D, and link all files into Navisworks. As the firm's BIM Coordinator, he was responsible for assisting with clash detection and constructability reviews.

**Santa Barbara Shores / SE 8<sup>th</sup> Court Bridge Replacement, Pompano Beach, FL:** Mr. Lazowick provided construction engineering inspections for the bridge crossings over a leg of the Lake Santa Barbara waterway within the Santa Barbara Shores subdivision in the City of Pompano Beach. The project included construction inspection for phased bridge and bulkhead rehabilitation/ replacement. This project is very complex as the bridge serves as the only means of access to the island and required extensive coordination to ensure uninterrupted access and utility service throughout the construction. Creation and implementations of a succinct phasing and detailed maintenance of traffic (MOT) plan, as well as significant coordination efforts with the contractor, City and the residents of the island were required.

**Lyons Road Median Improvements, Coconut Creek, FL:** KEITH served as the construction engineering inspection and contract manager to the City of Coconut Creek Department for General Engineering Services Contract for this FDOT funded Local Agency Program (LAP) roadway improvement project. KEITH served in the capacity of CEI Project Manager on behalf of the City to manage enhancements of a roadway median project along Lyons Road between Copans Road and Coconut Creek Parkway. The project included coordination with the City, the design engineer, FDOT and the site contractor. KEITH was directly responsible for all FDOT, LAP, EEO and Davis-Bacon Wage Rate Compliance monitoring and interviews.



**LEE POWERS, PSM**  
Director of Surveying & Mapping



**Experience Highlights**

*Over 13 years of experience in land surveying and mapping in South Florida*

**Education**

*B.S. of Land Surveying & Geomatics Engineering, Purdue University, West Lafayette, Indiana 2005*

**Professional Registration**

*Florida Professional Surveyor & Mapper, #6805 (Obtained 2010)*

**Professional Affiliations**

*BIM Smart Foundation Member*

*BuildingSMART Foundation Member*

*Florida Society of Professional Surveyors & Mappers*

**Certifications**

*Transportation Worker Identification Credential (TWIC)*

*FDOT Maintenance of Traffic Certification*

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.

**SELECTED PROJECT EXPERIENCE**

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**A1A Overhead Utility Conversion from Hillsboro Inlet to Terra Mar Drive, Pompano Beach, FL:** As a subconsultant to Power Services, KEITH is providing up to 600 test holes to assist the design engineer with exposing existing utilities in order to assist with the design corridor and minimize potential conflicts for the proposed undergrounding of existing overhead facilities. ASCE Standard Quality Level B (Designating) and Quality Level "A" vacuum excavation services will be mapped and placed in a geo referenced cad file with a test hole summary report providing coordinates, depth of cover, type, size and material.

**MLK Boulevard Downtown Pompano Connectivity, Pompano Beach, FL:** KEITH performed an area-wide study of the Pompano Northwest CRA existing roadway and utility infrastructure to create an underground utilities atlas map, as well as to analyze the existing roadway infrastructure for suitability, connectivity and circulation. Using the information gathered, KEITH prepared an assessment and recommendations on the suitability of the CRA's owned land and proposed land uses along the corridor. As the Lead/Prime consultant responsible for the overall team management, Engineering, Permitting, Planning, Surveying, Public Consensus and Construction Management, KEITH managed the improvements along MLK Boulevard which consisted of a pedestrian/bicycle friendly streetscape with landscape/hardscape beautification features, including special pavement materials, roadway/pedestrian LED lighting, signalization improvements, streetscape furnishings, utility adjustments (including 12-inch water main replacement and overhead infrastructure (FPL/Comcast/AT&T) hardening and pole realignment) and significant drainage and roadway improvements.

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**PROJECT EXPERIENCE**

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**NE Corner of NW 6<sup>th</sup> Avenue and MLK Boulevard Plat/Replat, Pompano Beach, FL:** KEITH was responsible for preparing, submitting, processing and recording the required plat document. The parcel located within the Pompano Beach CRA contained approximately 2.8 acres. Mr. Powers was responsible for the boundary survey, plat preparation, processing and recordation, as well as for preparing an Access Management Plan, as required by the Broward County Land Development Code.

**Federal Highway (US-1) Beautification Project, Delray Beach, FL:** Mr. Powers served as the Project Surveyor for this project that includes US-1 (Federal Highway) in Delray Beach from just South of S.E. 10th Street to just North of N.E. 8th Street. This project provides the design services necessary to decrease the current three-lane configuration of US-1 (Federal Highway) through the downtown area to a two-lane roadway with additional parking, walkways and landscaping. This project required KEITH to establish new control points throughout the project limits. KEITH also conducted a survey of over 220 drainage structures throughout the corridor. Finished floor elevations were measured on all structures within 25 feet of the right-of-way. A Topographic Survey was required for the engineering designs. This Topographic Survey collected all surface data within the right-of-way of US-1.

**Congress Avenue SR 807 at 10<sup>th</sup> Avenue North, Village of Palm Springs, FL:** This was an FDOT safety project for a busy intersection which entailed primarily the installation of light poles, pedestrian countdown signals, signage and high emphasis crosswalks, as well as relocating the bus stops on the West leg. As a subconsultant to Kimley-Horn, KEITH provided surveying and SUE services including marking the edge of pavement and sidewalk, existing signs, light poles and other above ground utility poles, cross walk marking location and traffic signal poles.

**City of Parkland GIS Services:** KEITH is responsible for the maintenance of the City of Parkland's GIS data and maps. Mr. Powers serves as the GIS Specialist for these ongoing services. GIS tasks include updating the City's street map, land use, zoning and commission district maps and databases. The project also includes developing custom maps to meet the individual needs of the city.

**Pompano Beach GIS Mapping Services Pilot Project, Pompano Beach, FL:** KEITH was tasked to locate all water meters and valves, sanitary manholes and cleanouts, and storm drainage inlet structures and manholes with at least sub-meter grade GPS (Global Positioning System). The general limits of the project are from McNab Road (SE 15th Street) to the southerly edge of water of Lettuce Lake (just North of SE 8th Street) and from the easterly right-of-way of Federal Highway to the westerly edge of water of the Intracoastal Waterway. Mr. Powers served as Project Manager for this GIS project with over 1,550 independent data points. This data was used as a pilot program to modernize the City's current GIS system that was based on old, inaccurate as-built information.



**DANIEL CHECCHIA**

Vice President of Location Services

**Experience Highlights**

*Over 21 years of experience in Transportation engineering, surveying, subsurface utility locating and utility coordination services.*

**Education**

*AS of Applied Science in Construction Technology, Suffolk County Community College, 2008*

**Certifications**

*FDOT Maintenance of Traffic*

**Affiliations**

*Transportation & Expressway Authority Membership of Florida (TEAM FL)*

*Florida Utility Coordination Committee (FUCC)*

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 defined with the ASCE 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.

**SELECTED PROJECT EXPERIENCE**

**Briny Avenue Streetscape Improvements, Pompano Beach, FL:** This project involved the widening of East Atlantic Boulevard from A1A to Pompano Beach Boulevard/Briny Avenue including wider sidewalks, revised parking configurations and lanes. KEITH provided professional services for a design survey as well as the designation and location of subsurface utilities along Briny Avenue from the south right-of-way line of Atlantic Boulevard to the south end of Briny Avenue.

**Pompano Beach Boulevard Streetscape, Pompano Beach, FL:** KEITH provided Quality Level "B" utility designation, Quality Level "A" utility locates and mapping services. KEITH designated the above horizontal alignment of existing known/unknown, toneable and non-toneable utilities using a combination of geo physical prospecting equipment and Ground Penetrating Radar. This information was then collected and used by the design team to identify the location of existing subsurface facilities. KEITH was then requested to perform utility verifications of the facilities by using non-destructive/ non-intrusive vacuum excavation services. The Utilities we exposed and cataloged to help the design team resolved potential conflicts with proposed design improvements.

**A1A Overhead Utility Conversion from Hillsboro Inlet to Terra Mar Drive, Pompano Beach, FL:** As a subconsultant to Power Services, KEITH is providing up to 600 test holes to assist the design engineer with exposing existing utilities in order to assist with the design corridor and minimize potential conflicts for the proposed undergrounding of existing overhead facilities. ASCE Standard Quality Level B (Designating) and Quality Level "A" vacuum excavation services will be mapped and placed in a geo referenced cad file with a test hole summary report providing coordinates, depth of cover, type, size and material.

**MLK Boulevard Downtown Pompano Connectivity, Pompano Beach, FL:** KEITH performed an area-wide study of the Pompano Northwest CRA existing roadway and utility infrastructure to create an underground utilities atlas map, as well as to analyze the existing roadway infrastructure for suitability, connectivity and circulation. Using the information gathered, KEITH prepared an assessment and recommendations on the suitability of the CRA's owned land and proposed land uses along the corridor. As the Lead/Prime consultant responsible for the overall team management, Engineering, Permitting, Planning, Surveying, Public Consensus and Construction Management, KEITH managed the improvements along MLK Boulevard which consisted of a pedestrian/bicycle friendly streetscape with landscape/hardscape beautification features, including special pavement materials, roadway/pedestrian LED lighting, signalization improvements, streetscape furnishings, utility adjustments (including 12-inch water main replacement and overhead infrastructure (FPL/Comcast/AT&T) hardening and pole realignment) and significant drainage and roadway improvements.

**Old Pompano Area Downtown Connectivity Plan, Pompano Beach, FL:** KEITH performed an area-wide study of the "Old" (Historic) Pompano Area existing roadway and utility infrastructure to create an underground utilities atlas map as well as to analyze the existing roadway infrastructure to create an underground utilities

## PROJECT EXPERIENCE

atlas map as well as to analyze the existing roadway infrastructure for suitability, connectivity and circulation. KEITH used this information to prepare an assessment and recommendations on suitability of infrastructure improvements in anticipation of the area becoming a major multi-modal center with the upcoming All Aboard Florida passenger train project. As the Lead/Prime consultant, KEITH was responsible for the overall team management, Engineering, Permitting, Planning, Surveying, Public Consensus and Construction Management. The improvements consisted of a pedestrian/bicycle friendly streetscape with landscape/hardscape beautification features, including special pavement materials, roadway/pedestrian LED lighting, signalization improvements, streetscape furnishings, utility adjustments (including water and sanitary sewer main replacement and conversion of existing overhead to underground infrastructure (FPL/Comcast/AT&T)), and significant drainage and roadway improvements.

**MLK Jr. Boulevard (from Powerline Road to the Turnpike) Streetscape Improvements, Pompano Beach, FL:** KEITH was selected to provide professional surveying, SUE and engineering design services to the City of Pompano Beach and the Pompano Beach CRA for roadway improvements along Martin Luther King Jr. Boulevard (aka Hammondville Road) between NW 31st Avenue (Turnpike Ramp) and Powerline Rd. (SR 845) in accordance with the Broward Metropolitan Planning Organization's Educational Corridor improvements. The roadway improvements include incorporating new sidewalks, dedicated bicycle lanes and roadside swales along both sides of the roadway, roadway milling, resurfacing and widening, and other miscellaneous improvements. As a Project Manager, Mr. Checchia was tasked with providing ASCE Standard Quality Level B (Designating) and Quality Level A (Locating) Subsurface Utility Engineering services to assist the design engineer on accurately identifying the existing utilities to mitigate conflicts with the proposed design.

**Federal Highway (US-1) Beautification Project, Delray Beach, FL:** Mr. Checchia served as the Project Coordinator for this project that includes US-1 (Federal Highway) in Delray Beach from just South of S.E. 10th Street to just North of N.E. 8th Street. This project provides the subsurface utility engineering (SUE) locations to support design services necessary to decrease the current three-lane configuration of US-1 (Federal Highway) through the downtown area to a two-lane roadway with additional parking, walkways and landscaping. This project required KEITH to perform utility designation services and over 150 utility test holes throughout the project limits to verify potential conflicts. KEITH also conducted a survey of over 220 drainage structures throughout the corridor.

**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.

**Wiles Road Design Services from Riverside Drive to Rock Island Road, Coral Springs, FL:** KEITH served as a subconsultant to Kimley-Horn on this project, providing subsurface utility engineering services. This intent of the project was to widen Wiles Road from four lanes to six lanes from Riverside Drive to Rock Island Road and to save the existing pavement while narrowing the median to accommodate the widened lanes. Mr. Checchia provided Quality Level 'B' & 'A', designation and location services for this project, producing valuable data on existing utilities throughout the project corridor.

**FDOT District 4 I-95 Express Phase 3A-2, Broward County, FL:** This project from North of Commercial Boulevard to SW 10<sup>th</sup> Street, is a contribution of the I-95 Express Lanes within Broward County to enable Design/Build firms to have knowledge of identified conflicts within the project limits that must either be adjusted at the Design/Build firm's expense or they must design to avoid impacts. Mr. Checchia participated in the identification of potential impacts and assisted several cities with their understanding of the State's expectation for coordination and relocation.

**MARK MITCHELL**

Subsurface Utility Location Manager

**Experience Highlights**

*Over 19 years of experience in subsurface utility locating and utility coordination services.*

**Certifications**

-OSHA 29CFR1910.120  
Certified 40 Hour Certificate

-CSX Certified Facilitator

-OHS Construction Induction  
Training Certificate

-Rail Industry Safety  
Induction (RISI)

-FDOT Workzone Traffic  
Control Intermediate Level  
MOT

- OSHA Confined Space  
Entry

Mr. Mark Mitchell have over 19 yeas of experience providing subsurface utility locating and coordination services to public and private sector clients. He is responsible for scheduling and supervising field crews, conducting utility field meetings, utility records research, conflict analysis and determining if additional utility investigation is needed for assigned projects in South Florida. He completed projects from beginning phases to final delivery; which included preparing and submitting fee proposals, coordinating with clients, being able to setup projects for field crews and conducting field visits when trouble shooting is required; download and process collected data; performed quality control and finalize for delivery while keeping clients informed on a daily basis. His experience also includes creating DTM's, Topo's, Tin Models, PNC's and Test Hole summary spread sheets. Mr. Mitchell serves as a liaison between designers, utility agencies and owners on behalf of clients to provide utility coordination services, providing documentation, inter-coordination and maintainance of files of all activities for each utility agency.

Mr. Mitchell's experience includes collecting data using geophysical equipment such as EM 61, EM 31 and Duel EM, in order to find underground landfills, trash sites and unknown utilities at power plants; responsible for the records research and the locating of underground utilities. This entails operating the latest in 3D ground penetrating radar technology and performing ASCE Quality Level B subsurface utility engineering (SUE) using electromagnetic and 2D ground penetrating radar locating methods and Vacuum Excavation (SurVac, Vermeer and VacMasters).

**SELECTED PROJECT EXPERIENCE**

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Organization's Educational Corridor improvements. The roadway improvements include incorporating new sidewalks, dedicated bicycle lanes and roadside swales along both sides of the roadway, roadway milling, resurfacing and widening, and other miscellaneous improvements. As a Project Manager, Mr. Checchia was tasked with providing ASCE Standard Quality Level B (Designating) and Quality Level A (Locating) Subsurface Utility Engineering services to assist the design engineer on accurately identifying the existing utilities to mitigate conflicts with the proposed design. As the field supervisor, Mr. Mitchell was tasked with providing ASCE Standard Quality Level B (Designating) and Quality Level A (Locating) Subsurface Utility Engineering services to assist the design engineer on accurately identifying the existing utilities in order to mitigate conflicts with the proposed design.

**Pompano Beach Boulevard Streetscape, Pompano Beach, FL:** KEITH provided Quality Level "B" utility designation, Quality Level "A" utility locates and mapping services. KEITH designated the above horizontal alignment of existing known/unknown, toneable and non-toneable utilities using a combination of geo physical prospecting equipment and Ground Penetrating Radar. This information was then collected and used by the design team to identify the location of existing subsurface facilities. KEITH was then requested to perform utility verifications of the facilities by using non-destructive/ non-intrusive vacuum excavation services. The Utilities we exposed and cataloged to help the design team resolved potential conflicts with proposed design improvements.

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**PROJECT EXPERIENCE**

**A1A Overhead Utility Conversion from Hillsboro Inlet to Terra Mar Drive, Pompano Beach, FL:** As a subconsultant to Power Services, KEITH is providing up to 600 test holes to assist the design engineer with exposing existing utilities in order to assist with the design corridor and minimize potential conflicts for the proposed undergrounding of existing overhead facilities. ASCE Standard Quality Level B (Designating) and Quality Level "A" vacuum excavation services will be mapped and placed in a geo referenced cad file with a test hole summary report providing coordinates, depth of cover, type, size and material.

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**FDOT D6 Districtwide Utility Location Services, Miami-Dade County, Florida:** As a Prime consultant, KEITH is providing underground utility location services, including physical locates and surface designations to FDOT District 6 for contract FM #250723-2-32-03/-04. Through our designating, locating and mapping services, KEITH supports the District's current work program in completing the design and development of construction plans.

**The Wave Modern Streetcar Project, Ft. Lauderdale, FL:** As a Subconsultant to HDR Engineering, Inc., KEITH was tasked with providing Surveying and Subsurface Utility Engineering (SUE) services for this modern streetcar in Downtown Fort Lauderdale between Northwest 6<sup>th</sup> Street and Southeast 17<sup>th</sup> Street. The system would operate 5 modern streetcars in mixed traffic along existing roadways and would utilize transit signal priority. Mr. Mitchell is currently serving as the field supervisor of all utility-related services providing designation, location and mapping of existing subsurface utilities; Utility designation of all known tone-able and non-tone able utilities within the apparent right of way of the Phase 1A Streetcar limits. Up to 44 locations (test holes) shall be utilized to verify radar data and designations.



**JONATHAN WEYMOUTH, PE**  
Construction Manager



**Experience Highlights**

*More than 28 years of Civil Engineering design and construction experience in South Florida*

**Registration**

*State of Florida Professional Engineer No. 52802, 1998*

**Education**

*B. S. in Architectural Engineering,  
University of Miami, 1990*

Mr. Jonathan Weymouth has more than 28 years of experience in the planning, design, permitting and construction of heavy transportation, utility, as well as all types of civil and environmental engineering projects. His work involves the supervision of engineering and technical personnel engaged in the design and construction of public and private sector improvements. Past projects include major transportation infrastructure projects such as roadways, bridges, highways and airports. This is in addition to civil land development, recreational facilities and environmental mitigation projects. These elements include earthwork and embankments, stormwater management, concrete and asphalt pavements along with communication, potable water distribution and sanitary sewer collection systems. Additionally, he has extensive knowledge and effective experience coordinating with FEC, as well as with permitting and federal agencies such as FDOT and FAA. He is very familiar and fully qualified to implement and control the guidelines and requirements established by these agencies.

**SELECTED PROJECT EXPERIENCE:**

**Florida Department of Transportation's District VI – SunGuide TMC Building**

**Project:** Construction Project Administrator for the exterior and interior renovations rehabilitation of the Department's Transportation Management Center. The exterior work included the replacement of all the windows and repair of the structural deficiencies on the roof and stucco walls which allowed water to infiltrate into the building. The interior renovations included replacing two chilled water plants, two air handling units and installing new return air openings / fire dampers

within the walls and ceiling of the building. Involvement entailed:

- Full construction management of two contractors (exterior and interior), tracking their efforts in FDOT's Site Manager Program and coordinating their work with the FDOT and SunGuide staff in the occupied building.
- Duties include coordinate multiple contractors, subcontractors and inspectors, approve contractor pay requests, prepare change orders and contract amendments.

**Florida Department of Transportation's District VI – Main Building Project:** Construction Project Administrator for the replacement of four 40-ton HVAC systems in the District VI Main Building. His responsibilities included coordination of contractor's effort in an active building, as well as tracking the contractor work, processing the estimated work order and the contractor's pay applications. Final project acceptance occurred in June 2010.

**Florida Department of Transportation's District VI – Lakeside Building Project:** Construction Project Administrator for the repairs and replacement of HVAC systems in the District VI Lakeside Building. Responsibilities included coordination of contractor's effort in an active building, as well as tracking the contractor work and processing the estimated work order and the contractor's pay applications. Final project acceptance occurred in July 2010.

**Broward County's Wiles Road Extension and Bridge Project:** Construction of bridge number 864112 over Florida's Turnpike to complete the corridor between Powerline Road (SR-845) and Lyons Road with a construction cost of \$21.5 million dollars. This project includes full depth roadway approaches, substructure with bulb-tee beam and stay-in place metal deck superstructure, MSE retaining walls, lighting and signalization improvements, drainage and utility improvements for the City of Deerfield Beach and Broward County. Final project acceptance occurred in November 2009. Involvement entailed:

- Coordination of construction between the County staff and their utility department, Florida Power and Light, Southern Bell Communications as well as the two municipalities within the County's right-of-way.
- Provided construction management services to the City of Deerfield Beach and the City of Coconut Creek for the construction of the drainage, roadway and landscaping improvements.
- Duties included coordination of the contractor and inspection staff, geotechnical/utility testing and project certification as well as approval of contractor pay requests, change orders and contract amendments.

**PROJECT EXPERIENCE**

**Florida Department of Transportation's District IV – Districtwide Utility Contract:** Utility Coordinator on numerous projects in Broward, Palm Beach, Martin, St. Lucie and Indian River Counties. Involvement entailed:

- Coordination of utilities during different phases of FDOT design.
- Responsibilities included contacting all utilities within project limits, scheduling meetings with all utility companies to obtain disposition of their existing and/or facilities, assistance in proposing solution to avoid conflicts with proposed improvement and preparing relocation agreements and reviewing relocation schedules.

**Broward County's Pine Island Roadway Improvement Project:** Construction Engineer for a construction contract to extend Pine Island Road between Griffin Road and Stirling Road with a construction cost of 4 million dollars. Involvement entailed:

- Coordination of construction issues with the utility companies and two municipalities within the right-of-way.
- Provided construction management services to the City of Cooper City and the Town of Davie for the construction of the water, sewer, drainage, roadway and landscaping improvements associated with the 1.5 mile extension of Pine Island Road.
- Duties included coordination of the contractor and inspection staff, geotechnical/utility testing and project certification as well as approve contractor pay requests, change orders and contract amendments.

**FLL's Task III – Exit Roadway Project:** Design Project Manager FLL for Broward County's Design-Build Contract, an 8-year project with an estimated construction cost of \$75 million dollars. The Exit Roadways project involves the design and construction of the third phase of the upper and lower level roadway system. This project connects the eastern end of the upper and lower level roadways in front of Terminal 4 and direct traffic east to the Task 2 roadways leaving the airport completed in 2003. The project is temporarily on hold while the airport evaluates its airfield needs and the impact to this roadway system.

**FLL's Task II – Roadway Landscaping and Aesthetic Improvement Project:** Design and Construction Project Manager for Broward County's Design/Bid/Build Contract, a 10-year project with an estimated construction cost of \$5.5 million dollars. The project provides landscaping and aesthetic improvements for the US-1 Right-of-Way from I-595 to Griffin Road. In addition, it included tree canopy mitigation for all of the Airport Expansion Program (AEP) projects. The landscaping and aesthetic improvements covered approximately 90 acres of Florida Department of Transportation (FDOT) Right-of-Way which provide a unique gateway into the Airport.

**FLL's Task II – Terminal Access Roadway Project:** Design and Construction Project Manager for Broward County's Design-Build Contract, a 5-year project with a construction cost of \$83 million dollars. The project created a 270-degree segmental bridge interchange within the FDOT right-of-way entering and exiting the airport. The interchange was constructed of embanked roadway, segmental bridges over US-1 and the Florida East Coast Railroad and concluded with five ASSHTO beam structures on the Broward County Aviation Department property. The design and construction included an extensive Stormwater Management Master Plan that modified the existing stormwater permit and master dewatering permit.

**City of Fort Lauderdale's River Gardens:** Construction Project Manager for a construction contract construction cost of 2 million dollars. Involvement entailed:

- Provided construction management services to the City of Fort Lauderdale for the construction of the water, sewer and drainage improvements associated with developing a Community Redevelopment Agency project.
- Duties included coordination of multiple contractors and inspectors, approval of contractor pay requests, change orders and contract amendments.



**STEVE HIGH**  
Engineering Inspector II



**Experience Highlights**

*More than 30+ years of experience in land development, project management and engineering inspection*

**Education**

*Broward College  
Palm Beach College*

**Licenses**

*FDEP Stormwater Management  
Inspector License #5696*

**Certifications**

*FDOT Asphalt Paving Level 1*

*FDOT Concrete Field  
Technician Inspection Level 1*

*ACI Concrete Field Testing  
Technician Level 1*

*FDOT Earthwork Construction  
Inspection Level 1*

*FDOT Final Estimated Level 1*

*Troxler Nuclear Radiation  
Gauge*

*Drilled Shaft Inspection Level 1*

*Auger Cast Pile Inspector's  
Course*

*IMSA Traffic Signals Level 1*

*10-Hour OSHA Safety  
Certification*

Mr. Steve High joined the firm in 2008 and has more than 30+ years of experience in land development, project management, roadway and utility construction inspection. He has managed daily construction activities relating to earthwork operations, asphalt paving, utility relocations, concrete placement and drainage pipe installation. His experience includes preparing daily inspection reports on all activities, job progression, personnel and equipment, as well as interfacing with contractors on behalf of clients and accountability for job site coordination. His current capacity of Senior Construction Inspector requires monitoring and inspection of all phases of construction work, as well as coordination with clients, contractors, public agencies, utilities and affected property owners. His experience includes project management and field engineering inspection experience for both public and private projects.

**SELECTED PROJECT EXPERIENCE**

**MLK Boulevard Downtown Pompano Connectivity, Pompano Beach, FL:**

KEITH performed an area-wide study of the Pompano Northwest CRA existing roadway and utility infrastructure to create an underground utilities atlas map, as well as to analyze the existing roadway infrastructure for suitability, connectivity and circulation. Using the information gathered, KEITH prepared an assessment and recommendations on the suitability of the CRA's owned land and proposed land uses along the corridor. As the Lead/Prime consultant responsible for the overall team management, Engineering, Permitting, Planning, Surveying, Public Consensus and Construction Management, KEITH managed the improvements along MLK Boulevard which consisted of a pedestrian/bicycle friendly streetscape with landscape/hardscape beautification features, including special pavement materials, roadway/pedestrian LED lighting, signalization improvements, streetscape furnishings, utility adjustments (including 12-inch water main replacement and overhead infrastructure (FPL/Comcast/AT&T) hardening and pole realignment) and significant drainage and roadway improvements.

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KEITH performed an area-wide study of the "Old" (Historic) Pompano Area existing roadway and utility infrastructure to create an underground utilities atlas map as well as to analyze the existing roadway infrastructure to create an underground utilities atlas map as well as to analyze the existing roadway infrastructure for suitability, connectivity and circulation. KEITH used this information to prepare an assessment and recommendations on suitability of infrastructure improvements in anticipation of the area becoming a major multi-modal center with the upcoming All Aboard Florida passenger train project. As the Lead/Prime consultant, KEITH was responsible for the overall team management, Engineering, Permitting, Planning, Surveying, Public Consensus and Construction Management. The improvements consisted of a pedestrian/bicycle friendly streetscape with landscape/hardscape beautification

features, including special pavement materials, roadway/pedestrian LED lighting, signalization improvements, streetscape furnishings, utility adjustments (including water and sanitary sewer main replacement and conversion of existing overhead to underground infrastructure (FPL/Comcast/AT&T)), and significant drainage and roadway improvements.

**Pinnacle Village / Powerline Road Turn Lanes (SR 945); Pompano Beach, FL:** Mr. High was the Senior Engineering Inspector for this project, located in Pompano Beach, a 148-unit affordable housing multifamily project, which substantially enhanced the quality of life for residents of the community. Construction included off-site improvements, within the: FDOT right-of-way, traffic signal cable relocation, construction of new turn lanes, sidewalk, signs and pavement markings. Daily reporting and logs were completed as well as certification packages for the respective governmental agency.

## PROJECT EXPERIENCE

**Broward County Public Works Traffic Signalization Improvement Program, Broward County, FL:** Mr. High, as one of the Resident Project Representatives, provided construction inspection services to the Metric Engineering CEI Team as a subconsultant team member. His responsibilities included drilled shaft monitoring for mast arm installations as well as witnessing and verification of earthwork compaction and asphalt placement, Maintenance of Traffic (MOT), compliance with specifications and coordination with contractor personnel. Daily reporting and logs were completed as well as certification packages for the respective governmental agency.

**State Road A1A, S-Curve Phase I and Phase II, Deerfield Beach, FL:** Mr. High provided engineering construction administration, inspections and certifications for a portion of State Road A1A, between Hillsboro Boulevard and NE 20th Terrace. Special consideration was given to drainage and utility relocations, and inclusion of paver walkways and decorative street lighting. Safety and MOT were of particular concern in this high pedestrian traffic corridor.

**Lyons Road Median Improvements, Coconut Creek, FL:** KEITH served as the construction engineering inspection and contract manager to the City of Coconut Creek Department for General Engineering Services Contract for this FDOT funded Local Agency Program (LAP) roadway improvement project. Keith and Associates served in the capacity of CEI Project Manager on behalf of the City to manage enhancements of a roadway median project along Lyons Road between Copans Road and Coconut Creek Parkway. The project included coordination with the City, the design engineer, FDOT and the site contractor. KEITH was directly responsible for all FDOT, LAP, EEO and Davis-Bacon Wage Rate Compliance monitoring and interviews.

**Hillsboro Boulevard (SR 810) Improvements, Deerfield Beach, FL:** Mr. High served as our Senior Inspector for this Streetscape and utility improvement project from US1 to A1A. Scope includes roadway milling, resurfacing, reconstruction, drainage improvements, box culvert rehabilitation, signalization, pavement markings/signage, landscape/ irrigation, streetscaping, lighting/electrical, burial of overhead utility lines, water main replacement and other incidental construction activities. Mr. High was responsible for monitoring the construction activities, inspections and detail reporting of all phases of construction work.

**Sidewalk Extension N.E. 27th Avenue, Lighthouse Point, FL:** KEITH provided professional services for the design, permitting and CEI services for the installation of 5-foot wide sidewalk along the West side of N.E. 27th Avenue from N.E. 51st Street to just South of the Northern municipal limits of Lighthouse Point. The sidewalk is approximately 1,500 feet. Mr. High served as the construction engineering inspector responsible for the project.

**North Perimeter Road Widening Improvements FLL, Fort Lauderdale, FL:** Working as a sub-consultant to RS&H, KEITH provided construction administration and resident project representation (RPR) services for the widening of North Perimeter Road at the far East end and the at the "S" curve. Mr. High's responsibilities included review of the contractor's MOT and Safety Plan for compliance with FDOT standards, attending meetings, reviewing submittals, review pay requests and manage inspections, including progress and substantial completion inspections.

**NW 59<sup>th</sup> Court, Fort Lauderdale, FL:** Mr. High was the Senior Engineering Inspector for this municipal roadway improvement project for the City of Fort Lauderdale that extended along NW 59<sup>th</sup> Court from Powerline Road to NW 6<sup>th</sup> Way. Mr. High served as Project Manager/ Inspector during this roadway construction and provided all CEI services checking material and installation observations, determination of quantities, compliance with specifications & coordination with contractor personnel. Daily reporting and logs were completed as well as certification packages for the respective governmental agency.

**Pompano Beach Reuse Water Main Installation; Pompano Beach, FL:** Mr. High was the Senior Engineering Inspector for this municipal utility project which installed approximately one mile of 24" reuse water main through existing neighborhoods for the City of Pompano Beach. Work included installation of new pipeline construction, roadway reconstruction and paving, testing and restoration of damaged property. Mr. High provided all CEI services checking material and installation observations, determination of quantities, compliance with specifications and coordination with contractor personnel

**LISA BERNSTEIN, PE**  
Director of Traffic Engineering



**Experience Highlights**

*More than 34 years of experience in traffic and transportation engineering*

*Expertise in traffic studies, signing and marking plans & evaluations, parking analyses and signal warrant studies*

**Education**

*B.S. Civil Engineering, University of Central Florida, 1995*

**Professional Registration**

*State of Florida Professional Engineer, #55470, 1999*

**Certifications**

*FDOT Advanced Maintenance of Traffic*

**Professional Affiliation**

*Fellow, Institute of Transportation Engineers  
Member, Florida Section*

Ms. Lisa Bernstein, PE, is an accomplished transportation engineer with over 30+ years of experience in both the public and private sector. She has reviewed and managed projects from roadway construction to traffic impact studies. She is proficient in plan design and review including site plans, signing and marking, signalization, traffic control agreements, permit review and submittals. She has prepared and reviewed trip generation reports, traffic impact studies, signal warrant analyses, parking studies, roadway compliance reports, crash analyses and land use amendments. Ms. Bernstein interacts well with clients and government staff to produce positive results that benefit the project. KEITH is certified with the Florida Department of Transportation for the following Group 6 and 7 Traffic Engineering services: 6.1 Traffic Engineering Studies, 6.2 Traffic Signal Timing, 7.1 Signing, Pavement Marking and Channelization, 7.2 Lighting, 7.3 Signalization.

**PROJECT EXPERIENCE**

**Signalization and Pavement Marking Improvements along MLK Boulevard at Intersections with Blount Road and NW 31st Avenue, Pompano Beach, FL:**

KEITH is currently providing professional services for the signalization and pavement marking improvements along MLK Boulevard at the Blount Road and NW 31st Avenue intersections. The new signalization to the Blount Road intersection will facilitate safe and reasonable access for southbound traffic on Blount Road to access MLK Boulevard and will properly sequence with the existing signal at NW 31st Avenue. The design plans provided by KEITH include pavement markings, paving, curbing, signage, conduit trenching, grading and sodding, including a complete set of traffic signal design plans to construct a new mast arm assembly at the intersection of Blount Road and MLK Boulevard.

**East Sunrise Blvd Traffic Signal and Lighting Design: Middle River Drive to NE 26 Ave, Sunrise, FL:**

Ms. Bernstein provided professional traffic signal design services, as the Engineer of Record, for three (3) intersections along with corridor lighting for East Sunrise Blvd from Middle River Drive to NE 26 Ave. The project included full signal plan at three (3) intersections that were being converted from span wire to mast arms and high mast lighting. Ms. Bernstein prepared the signal

plans, including underground utility locations, signal interconnect, mast arm design, traffic signal timing and pavement markings. The lighting plans included circuit runs, power service required, pole design, using concrete spun poles, and roadway lighting placement design. The mast arm tabulation included signal head location, arm lengths and pole types. New interconnect was provided as part of the upgrade.

**US 1 and Central Blvd, E. Pine St, Ocean Ave and Lantana Rd (4 intersections) Financial Project No: 410655-1-52-01, Lantana, FL:**

Ms. Bernstein provided professional traffic signal design services, as the Engineer of Record, for four (4) intersections along US 1 in Lantana, Palm Beach County. The project included complete signal plans for the four (4) intersections that were being converted from span wire to mast arms. Ms. Bernstein prepared the signal plans, including underground utility locations, signal interconnect, mast arm design, traffic signal timing and pavement markings. The signal timing included pre-emption as the FEC Railroad runs parallel to US 1, just west of the intersections. Since the signal was being upgraded to mast arms any existing equipment that could be retained remained in the design. The mast arm tabulation included signal head location, arm lengths and pole types. New interconnect was provided as part of the upgrade.

**West Commercial Boulevard: NW 47 Terrace to NW 33 Avenue:** Ms. Bernstein provided professional traffic signal design services, as the Engineer of Record, for four (4) intersections on West Commercial Blvd at NW 47 Terrace, Mainland Drive, State Road 7 and NW 33 Way. The project included full signal plans for the four (4) intersections that were being converted from span wire to mast arms. She prepared the signal plans, including underground utility locations, signal interconnect, mast arm design, traffic signal timing, pavement markings and pedestrian features. The mast arm tabulation included signal head location, arm lengths and pole types. New interconnect was provided as part of the upgrade. Utility locations with respect to the proposed mast arm

## PROJECT EXPERIENCE

locations was challenging due the amount of facilities along the corridor. Utility relocations were only required at one intersection, all other potential conflicts were avoided for the signal pole locations.

**Signal Design, Broward County, FL:** Ms. Bernstein performed various signal designs throughout Broward County including:

- Commercial Boulevard from NW 47<sup>th</sup> Avenue to NW 33<sup>rd</sup> Avenue
- Sunrise Boulevard from Middle River Drive to NE 26<sup>th</sup> Avenue
- SR7 and Prospect Road
- University Drive at Nova Southeastern and SE 36<sup>th</sup> Street
- Broward County School Flashers at SR7 and NW 41<sup>st</sup> Street
- Hollywood Fire Station Signal at 2741 Stirling Road

**Transportation Study SR-A1A Hillsborough Beach Boulevard to Boca Raton City Limits, Deerfield Beach, FL:** Ms. Bernstein served as project manager for this transportation study consisting of traffic counts, pedestrian counts, conceptual roadway alignment designs and parking evaluations.

**Public Storage Land Use Amendment, Lake Worth, FL:** Ms. Bernstein prepared the traffic analysis for a proposed land use change for a storage facility in Palm Beach County. The Land Use Amendment was needed to increase the Floor Area Ratio allowed by code for the land use. The report followed the technical guidelines required by Palm Beach County.

**7-11 Traffic Impact Analyses:** Ms. Bernstein performed the Traffic Impact Analyses for multiple 7-11's in both Broward and Palm Beach counties. The analyses included trip generation, trip distribution and any significant impacts. The Palm Beach County studies incorporate Article 12 requirements.

**Oakland Park Commerce, Oakland Park, FL:** Ms. Bernstein performed the Traffic Impact Analysis for a proposed **155,000-SF** retail/office complex. The analysis included trip generation, trip distribution and any significant impacts. The project is located on a state road. The analysis included documentation that led to the removal of a state required right-turn lane.

**Deerfield Beach Centralized Valet Study:** Ms. Bernstein managed the data collection for an area wide study to evaluate the parking needs of the beach community. The project will coordinate the needs of the businesses, patrons, pedestrians and the city to determine the best alternative for valet and parking services.

**Ivey Meridian North and South, Boca Raton, FL:** Ms. Bernstein performed a Traffic Impact Statement and Technical Deviation for a property that was revising its property lines to separate two (2) parcels. This would also involve relocating parking locations which triggered the technical deviation. The report followed the technical guidelines required by Palm Beach County and the City of Boca Raton.

**Cordova Boat Club, Fort Lauderdale, FL:** Ms. Bernstein performed a Traffic Impact Analysis and Parking Reduction Analysis for a proposed dry dock marina. The project included evaluating the project from a previously approved use to the current proposed use. Also required was a parking reduction analysis based on data collection form a nearby similar marina.

**Winfield Drive, Margate, FL:** Ms. Bernstein performed Traffic Data Analysis along Winfield Drive, just west of SR 7 in Margate, Florida. The data was used for the implementation of proposed traffic calming improvements for the roadway corridor.

**Colonial Drive, Margate, FL:** Ms. Bernstein performed Traffic Data Analysis along Colonial Drive, just west of SR 7 in Margate, Florida. The data was used for the implementation of a proposed pedestrian crossing for the Northwest Regional Hospital.





**Joaquin E. Vargas, P.E.**  
Transportation Engineer

**Education**

Master of Science in Civil Engineering (Transportation Engineering) – Georgia Institute of Technology, 1987

Bachelor of Science in Civil Engineering – Santo Domingo Institute of Technology (INTEC), 1986

**Registration**

Professional Engineer – Florida (PE# 44174), 1991

Professional Traffic Operations Engineer (PTOE# 1262), 2003

**Private Sector Experience**

Joaquin Vargas is an accomplished transportation engineer specializing in traffic engineering, parking studies, traffic impact studies, access, internal-site circulation and queuing, traffic concurrency, Development of Regional Impacts, and signal warrant studies. He has conducted over 1,000 traffic studies in Southeast Florida. His studies have been reviewed and approved by the Florida Department of Transportation (FDOT), numerous municipalities, counties, and other consulting firms acting as consultants to public agencies.

**Florida Department of Transportation (FDOT) Experience**

Between 1996 and 2006, Mr. Vargas served as traffic operations and safety consultant to the Florida Department of Transportation (FDOT). During this period, he conducted over 200 traffic engineering assignments for the FDOT, including the Florida Keys Hurricane Evacuation Study completed in 2001.

Mr. Vargas has also presented at the FDOT's scoping committee, attended meetings, city commission meetings, and public workshops on behalf of the FDOT. Furthermore, he conducted over 100 fatal crash studies throughout Miami-Dade and Monroe Counties.

**Municipal Experience**

Mr. Vargas has served as traffic consultant to the cities of Coral Springs, Sunrise, Tamarac, Miramar, Pembroke Pines, Oakland Park, Miami, North Miami Beach, Miami Beach, Homestead, Surfside, Miramar, Lauderdale-By-The-Sea, Pompano Beach, Hollywood, Key West, Ocala, and Destin. He has reviewed hundreds of traffic studies and site plans on behalf of municipalities.

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Several representative municipal experiences are presented below:

*Destin Harbor Parking Master Plan:* Mr. Vargas served as project manager on a comprehensive parking study for the Destin harbor area. The study area was approximately one and one-half miles in length by one-half mile in width and included numerous marinas, hotels, restaurants, shopping centers, banks, offices, and specialty retail shops. The master plan consisted of a thorough evaluation of existing conditions, determined the current and future parking needs of the study area, identified and evaluated parking improvement alternatives, and recommended an action plan for the Destin harbor. A parking utilization study, including surveys and turnover data, was performed as part of this study. The Destin Harbor Parking Master Plan project also included an extensive public involvement campaign including numerous public workshops and a public hearing. Mr. Vargas also led the public involvement campaign for this project.

*Traffic Consultant for the City of Sunrise:* Mr. Vargas serves as traffic consultant to the City of Sunrise. In this capacity, he assisted the city in convincing the developers of the Florida Panther's arena that the best location for the arena was next to the Sawgrass Mills (its current location). Furthermore, Mr. Vargas has been involved in reviewing most of the Sawgrass Mills expansions (DRI's), including Wannado City and Metropica projects. Mr. Vargas has been involved in the review process of numerous applications submitted to the City of Sunrise. These reviews have focused on traffic impacts created by the proposed projects, and site plan reviews.

*Traffic Engineer for the Sistrunk Boulevard Streetscape Project:* Mr. Vargas served as traffic engineer on one of Fort Lauderdale's most challenging traffic calming projects. . . Sistrunk Boulevard. Opposed by high-level Broward County professionals, this CRA project consisted of reducing the number of through lanes on Sistrunk Boulevard from four to two. Mr. Vargas had the difficult task of ensuring that due to the reduction in vehicular capacity, neighborhood traffic intrusion was not going to be a problem. Several creative traffic engineering tactics were recommended in order to eliminate this political concern.

### **International Experience**

Joaquin Vargas has also worked on overseas projects. He recently completed a traffic evaluation associated with the expansion of the Port of Ghana, Africa. He also evaluated transportation options for a resort development project in the State of Quintana Roo, Mexico. Mr. Vargas also provided transportation and planning assistance for the development of a major retail center in San Pedro Sula in Honduras.

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## ENGINEERING & TESTING, INC.

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 Pompano Beach, FL 33069

### Mark A. Mesiano, P.E. Principal Engineer



#### 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)

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.

#### 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 of 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 120<sup>th</sup> 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.



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 Pompano Beach, FL 33069



### PAUL M. TENINTY CMT Field & Laboratory Supervisor

#### Professional Certifications:

- CTQP Earthwork Constr. Inspection – Level I
- CTQP Concrete Field Inspection
- CTQP Concrete Field Technician – Level 1
- CTQP Qualified Sampler Technician
- CTQP Aggregate Testing Technician
- CTQP Aggregate Base Testing Technician
- CTQP Concrete Lab Technician – Level 1
- CTQP Qualified Post-Tensioning Tech. - Level I
- 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.

Mr. Teninty has 15 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.

#### Select Projects:

- Ft. Lauderdale International Airport Parking Garage – Piling Inspector, driven, Auger Cast, drilled shaft.
- Broward Regional Park, Lauderhill, Florida – Soil Testing Technician, density testing for large park with amphitheater, playing field, 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.



## Karen Kiselewski, AICP

Senior Associate



Ms. Kiselewski is Senior Associate of Cambridge Systematics (CS) with 16 years experience in multimodal transportation planning; policy and program development and evaluation; integrating transportation planning and land use, economic, and other systems planning; and coordination, facilitation and public engagement. She has performed corridor and areawide planning studies for the Florida Department of Transportation (FDOT), metropolitan planning organizations (MPO), and municipalities.

### Relevant Experience ➡

**City of Pompano Beach, Florida.** Ms. Kiselewski served as Project Manager in the preparation of an economic analysis, including customized tool, for the Dixie Highway lane elimination and Atlantic Boulevard intersection modification consistent with BUILD Benefit-Cost Analysis (BCA) guidance. To perform the analysis, CS needed to evaluate the project's costs and schedule of delivery that helped determine the importance of extending the project's northern limits to Sample Road. A detailed safety Benefit-Cost Analysis also was performed.

**FDOT Florida Transportation Plan (FTP) and Strategic Intermodal System (SIS) Policy Plan.** Ms. Kiselewski served as Analyst in the development of the FTP and SIS Policy Plan. Her major role was supporting statewide partner and public engagement, including development of outreach materials and tracking activities. She also served as staff lead for the Quality of Life and Quality Places advisory committee, providing background information on trends such as public health, travel behavior, demographics, energy and environment, safety and security, and emergency preparedness and response. Staff drafted policy language for the advisory committee, which provided recommendations to the steering committee.

**FDOT TransPlex.** In support of FTP and SIS Policy Plan implementation, Ms. Kiselewski served as task lead for TransPlex conference planning support. Her role was recommending content and working with speakers, integrating hands-on activities such as the areawide planning challenges, developing the schedule for the conference, and preparing graphics and materials. Over 400 attendees from the public and private sector attended.

**FDOT District 4 and District 6 Storm Surge and Transportation Network Disruption.** Ms. Kiselewski served as Project Manager to build upon the recent Federal Highway Administration (FHWA) Climate Resilience and Adaptation Pilot Project for Southeast Florida by identifying transportation network implications related to storm surge and sea level rise in Miami-Dade, Broward, and Palm Beach Counties. The project used storm surge scenarios based on historic storm tracks to identify network disruption and associated economic impacts.

**FDOT Risk Assessment on SIS Facilities.** FDOT's Systems Implementation Office has planning responsibilities for Florida's high priority network of transportation facilities important to the state's economy and mobility—the SIS. This project is analyzing the SIS network (roadway focused first) to identify critical infrastructure, water-related events, and network risks and vulnerabilities. This task will lay the groundwork for pre-disaster mitigation planning as it relates to all SIS facilities, including retrofitting, adapting or diversifying infrastructure to promote

resilience; pre-disaster emergency response planning and emergency response operations immediately following a natural or manmade disaster; and longer-term restoration of affected infrastructure. This project also will document steps moving forward and identify how to incorporate findings into existing tools, procedures, and processes. Ms. Kiselewski served as CS project manager as part of a team.

#### **FDOT District 4 Transportation System Management and Operations Master Plan.**

Ms. Kiselewski recently led the development of a Phase 1 TSM&O Master Plan for District 4, addressing all modes, identifying a strategic network and recommending potential projects for implementation in Broward and Palm Beach Counties. She is now assisting the District in expanding the Master Plan geographically and additional service areas. Internal and external agency coordination and collaboration has been key to foster TSM&O implementation in light of constrained operating and maintenance funding. Partners involved include multiple offices of two FDOT Districts, Florida's Turnpike, three Metropolitan Planning Organizations, three counties—engineering and transit agencies, and a regional transit authority.

**City of Kissimmee General Planning Services.** For the City of Kissimmee, CS is providing general planning services on a task work order basis and Ms. Kiselewski serves as Project Manager. CS completed an existing conditions assessment of development patterns, transportation, housing, infrastructure, and other services, as well as estimates of future needs based on population projections and is now updating the comprehensive plan based on recommendations. CS prepared a public survey outreach process to determine major issues to be addressed, including economic development, transportation choices, family homelessness, and recreational and cultural opportunities.

**FDOT District 6 City of Opa-locka Freight Implementation Plan.** Surrounded by interstate facilities, the City of Opa-locka sits in the heart of Miami-Dade County. To support growth of freight and logistics due to Post Panamax shipping opportunities at PortMiami, FDOT District 6 is undertaking a series of neighborhood plans and Ms. Kiselewski served as Deputy Project Manager for the Opa-locka plan. One of her primary tasks was the creation of alternative freight and logistic development scenarios in the City.

**City of Pompano Beach, Florida Transportation Corridors Studies.** While with a previous firm, Ms. Kiselewski served as project manager on the creation of visions for the City's major transportation corridors: Atlantic Boulevard, Dixie Highway and US 1. The vision, or set of desired community outcomes, defined a clear picture of what is possible given the unique existing assets and opportunities for each corridor. Implementing activities were outlined in a transformation plan that identified the economic development strategies, public and private transportation and infrastructure investments, and the regulatory framework needed to guide and foster corridor revitalization and development.

#### **Education**

M.U.R.P., Urban Planning, Florida Atlantic University, 2001  
 M.S., Computer Science, Ohio State University, 1986  
 M.S., Mathematics, Ohio State University, 1985  
 B.S., Mathematics, California Institute of Technology, 1982

#### **Professional Registrations**

American Institute of Certified Planners, 2005, #019557





## Michael T. Williamson

Principal



Mr. Williamson is a Principal of Cambridge Systematics with more than 24 years of experience in freight and intermodal planning, commercial vehicle operations, Intelligent Transportation Systems (ITS) and transportation planning. Mr. Williamson has helped Metropolitan Planning Organizations (MPO) and State Department of Transportation's (DOT) develop and implement freight programs, and has led national research designed to document best practices and provide guidelines for establishing successful freight programs. Based in Fort Lauderdale, Florida, over the last decade he has led or supported freight studies for Florida's largest MPOs, many of the smaller MPOs, and for the Florida DOT. He also managed the Florida Chamber Foundation's Trade and Logistics Study 1.0. Currently, Mr. Williamson is supporting FDOT District 4's freight program.

### Relevant Experience

**FDOT District 4 Freight Program Development.** For more than a decade, Mr. Williamson has led or supported several initiatives designed to assist the District in the development of a district-wide freight program. As part of this work, he supported the South Florida Intermodal Logistics Center Market Assessment, which built off the South Florida Inland Port Feasibility Study that he managed for the Florida Department of Transportation (FDOT) Seaport Office. For the U.S. 27 Rail Corridor Feasibility Study and U.S. 27 Planning and Conceptual Engineering (PACE) Study, Mr. Williamson led the market demand components for truck and rail traffic. For the Interregional Transportation Infrastructure Needs Study, he led the trip generation task designed to evaluate the potential impact of the full build out of three intermodal logistics centers in the heartland of South Florida. He led the development of a freight corridor analysis framework to ensure freight transportation is included within Strategic Intermodal System (SIS) corridor initiatives. Currently, Mr. Williamson is supporting the District Freight Coordinator with tasks associated with implementation of the Freight Mobility and Trade Plan, including a truck parking demand study, a truck safety analysis, and freight modeling review.

**FDOT District 6 Opa-locka Freight Improvement Plan Study.** For FDOT D6, Mr. Williamson is leading the Freight Improvement Plan Study. The City of Opa-locka, located in northeastern Miami-Dade County, represents opportunities for an expanded freight and logistics network in Southeastern Florida. In order to pursue freight related opportunities, the City must tackle its deficiencies. CS is preparing an analysis of alternatives; including evaluating existing conditions, preparing a purpose and need statement, conducting appropriate analysis, and proposing a final set of recommendations and improvement options for the City.

**Florida Seaport and Waterway System Plans & Program Development.** For FDOT, Mr. Williamson managed development of the first ever statewide seaport system plan. This plan defined current operations, needs, and funding opportunities as well as established a process for ongoing State investments in Florida's seaports. This project included development of the Seaport Project Evaluation Tool, a benefit/cost tool designed to evaluate the impact of seaport projects, including annual FSTED project applications as well as SIS projects included in FDOT's work program. In addition, Mr. Williamson led the 2010 update to the Waterways System Plan, looking at trends and possible enhancements to our inland waterways and the Atlantic and Gulf Intracoastal Waterways. He has provided ongoing support for the last decade, including: input to the ILC grant program and evaluation

of the applications; input to the Cruise Industry Study, which documented the importance of the cruise industry and strategies for preservation and expansion of it; development of seaport performance measures; provided training to FDOT staff on use of the Seaport Project Evaluation Tool; and developed a seaport office handbook. Currently he provides ongoing technical support to the Seaport Office.

**Southeast Florida Regional Freight Plan Update.** For the Broward, Miami-Dade, and Palm Beach Metropolitan Planning Organizations (MPO), in partnership with FDOT, Mr. Williamson managed the first update of the Southeast Florida Regional Freight Plan. This update replenished the region's freight needs list, established priorities, documented the economic impacts of the freight industry, and defined key strategies for an ongoing implementation plan. Mr. Williamson also supported development of the 2010 regional freight plan.

**Port Everglades 2017 INFRA Grant Application.** For the Broward MPO and Port Everglades, Mr. Williamson currently is leading the development of an INFRA Grant application for the Southport Turning Notch project. This included a benefit cost analysis, development of a narrative, preparation of a detailed technical appendix, and packaging all relevant and necessary information for upload to U.S. DOT.

**Canaveral Port Authority 2017 INFRA Grant Application.** For the Canaveral Port Authority, Mr. Williamson currently is leading the development of an INFRA Grant application for the expansion of the North Cargo Berths area. These projects will help the port expand and grow its cargo operation, including a project tied directly the growing commercial space industry.

**Port Everglades Vision/Master Plan Update.** For Port Everglades, as part of a team, Mr. Williamson led the development of cruise market forecasts and economic impact analysis for all master plan projects using FDOT's Seaport Project Evaluation Tool. The forecasts were developed based on global and regional market trends, anticipated changes to existing and new source markets, Port Everglades' current and planned capacity, planned market expansion of key competitor ports, and cruise industry input. The economic impact analyses were used to feed a project evaluation matrix designed to help Port Everglades prioritize its master plan projects.

**Miami-Dade Metropolitan Planning Organization (MPO) Freight Program Support.** For the Miami-Dade MPO, Mr. Williamson has provided ongoing support on a variety of freight projects, including economic impacts of the freight industry, a comprehensive truck parking study, freight access alternatives for Port Miami, and truck traffic management techniques. Mr. Williamson was the technical lead for the 2014 update to the Miami-Dade County Freight Plan and currently is supporting the 2017 update.

**Prototype Deployment and Small-Scale Demonstration for the South Florida FRATIS.** Cambridge Systematics was selected by the U.S. DOT as the contractor to develop and test the South Florida's Freight Advanced Traveler Information System (FRATIS) Prototype, focused on developing and testing a technology-based system designed to provide real-time traffic information customized for trucks. Mr. Williamson was the local project coordinator, providing technical support, as well as leading stakeholder outreach. This project consisted of two key elements: drayage optimization (integrated load matching and freight information exchange) and emergency preparedness and response efficiency (Android-based smart phone application).

## Education

B.S., Business Administration, Northeastern University, 1993





Peng Zhu, P.E., Ph.D.

Senior Associate



Dr. Zhu has 11 years of experience in traffic simulation, transportation planning, and operations. He has worked on various projects of subarea and corridor planning, transportation plans, multimodal transportation studies, Intelligent Transportation Systems planning and implementation studies, traffic and revenue studies, and traffic simulation studies.

### Relevant Experience

**FDOT District 4 System Planning General Planning Consultant.** Dr. Zhu is the Project Manager of this contract. He is responsible for regional demand model applications and support; Development of Regional Impacts (DRI) and Project Development and Environment (PD&E) reviews; development and review of design traffic tasks; Level of Service (LOS) analysis, mobility performance measures (MPM), review of Interchange request documents such as Justification Report (IJR), Interchange Modification Report (IMR), and Interchange Operational Analysis Report (IOAR).

**FDOT District 4 Congestion Assessment Study.** Dr. Zhu is the Deputy Project Manager of this contract responsible for development and implementation a new project development process for D4 planning, concept development, traffic operations, and design offices. Dr. Zhu is responsible for analyzing big data from NPMRDS and HERE to identify traffic congestions in Broward County. He also is responsible for review and analyzing traffic volumes and counts, signal timing and phasing plans, ROW availability and other plan and program to identify projects to mitigate traffic congestions in Broward County.

**FDOT District 4 Transportation System Management and Operations (TSM&O).** FDOT developed a statewide TSM&O program expecting to address the growing congestion problem within the state. Dr. Zhu was key staff for this project. His role included intersection, corridor, and network operational analysis, data mining, GPS data management and projection, database construction, and maintenance.

**Southeast Florida Road and Transit User Cost Calculator Update.** This study developed travel time values and vehicle operating costs of various travel markets, modes, vehicle types. Findings of this study can be applied to benefit-cost analysis of transportation system improvements, evaluation of various operating scenarios, and analysis of multimodal and intermodal projects. Dr. Zhu was the Project Manager of this study. He developed a series of stand-alone tools for vehicle operating costs and travel time values of different markets within the local, state, and nationwide levels based on a great variety of data sources, inputs from different agencies, and market research. This tool provided a series of key inputs to assess monetary values of travels for practices such as regional demand model application.

**SHRP2 C20 Freight Data Pilot.** The project was focused on identifying technologies to identify and track fuel tanker trucks and railcars on the transportation system in South Florida. It also evaluated additional data sources for quantifying petroleum commodity flows. Dr. Zhu was the

Deputy Project Manager of this project. He was responsible for researches on existing candidates of vehicle data collection technology of vehicle detection and recognition, and other candidates such as image processing and license plate recognition. Dr. Zhu also conducted analysis on fuel tax database and TRANSEARCH commodity flow database.

**Oakland Park Boulevard Transit Simulation Study.** The purpose of this project was to test alternative transit operation strategies on Oakland Park Boulevard. Dr. Zhu was the Project Manager of the Oakland Park Boulevard Transit Simulation study. His role included making data collection plan, coordinating data collection effort, data verification, data warehouse management, team maintenance and management, traffic and transit operational analysis, traffic signal modeling, evaluation and optimization, microsimulation modeling and calibration toward both traffic and transit operational conditions, alternative analysis, documentation and presentation.

**Sample Road Queue Jump Study.** The purpose of this study was to identify and evaluate bus queue jump and transit signal priority alternatives to be implemented along the Sample Road corridor in Broward County. Dr. Zhu was the Project Manager of this effort. He was responsible for developing data collection scope, supervising data collection, developing and implementing a ranking system for candidate locations, developing Synchro and VISSIM models for detailed evaluation, and meetings and workshops.

**Colorado C-470 Corridor Phase I Managed Lane Traffic and Revenue Study.** The purpose of the study was to help Douglas County to analyze potentials and risks in terms of traffic and revenue of a managed lane system alternatives proposed on the C-470 corridor. Dr. Zhu was responsible for developing the entire VISSIM model including modules of manage lane operations, dynamic toll pricing algorithm and scripting, zoning. His role also included post-processing procedure and performance measure development, as well as operational analysis and revenue projections. His also was responsible for Synchro analysis of the entire subarea network and assistance in demand model application and ODME process.

**Washington DOT Eastside Corridor Traffic and Revenue Study.** The purpose of this project was to undertake an independent traffic and revenue study for the proposed high-occupancy toll (HOT) lanes on I-405 and SR-167. Dr. Zhu was responsible for model and data review, inspection of future travel demand, analyzing stated-preference surveys, managed lane traffic and operation modeling, developing analysis tools, risk assessment for traffic and revenue.

## Education

Ph.D., Transportation Engineering, Florida International University, Florida 2008  
B.S., Civil Engineering, Southeast University, China, 2000

## Professional Registrations

Professional Engineer  
Florida #76297, 2013  
Minnesota #50754, 2013  
Texas #102494, 2008



Erin Kersh

Associate



Erin Kersh is an Associate of Cambridge Systematics with experience in freight and intermodal systems planning, traffic engineering, and geographic information systems. She has supported various regional and statewide freight planning efforts which have focused on infrastructure assessments and the prioritization of future needs. Ms. Kersh received a Master's degree in Civil Engineering, a Bachelor's degree in Civil Engineering, and a Bachelor's degree in Mathematics from Vanderbilt University.

### Relevant Experience

**City of Pompano Beach BUILD Grant Application 2018.** For the City of Pompano Beach, Ms. Kersh supported the development of a BUILD grant application for Pompano Beach's Lane Elimination/ Intersection Modification along Dixie Highway and Atlantic Boulevard. Her work included the development of a benefit cost analysis and supporting technical documentation.

**Canaveral Port Authority BUILD Grant Application 2018.** For the Canaveral Port Authority, Ms. Kersh supported Port Canaveral's BUILD grant application for the North Cargo Berth 8 project. This included the full development of the grant application narrative as well as supporting benefit cost analysis and technical documentation.

**Vermont Agency of Transportation BUILD Grant Application 2018.** For the Vermont Agency of Transportation, Ms. Kersh supported the BUILD grant application for bridge upgrades along the Vermont Railway route. Her work for this effort was concentrated on determining the indirect benefits associated with the project, specifically the impact on temporary (construction) jobs and permanent jobs. Ms. Kersh has also supported similar projects for VTRANS as part of past INFRA and TIGER grant applications.

**Port Everglades FastLane and INFRA Grant Applications.** For the Broward MPO and Port Everglades, Ms. Kersh supported the development of FastLane and INFRA Grant applications for the Southport Turning Notch project. This included a benefit cost analysis, development of a narrative, preparation of a detailed technical appendix, and packaging all relevant and necessary information for upload to U.S. DOT.

**Florida Seaport System Plan.** For the Florida Department of Transportation (DOT), Ms. Kersh has provided support for the Florida seaport system plan. She supported an analysis of Florida's cruise industry, research related to regional authorities, and an expanding intermodal logistics center program. Additional work has focused on an annual analysis of the return on investments of proposed seaport projects as part of the FSTED grant process.

**Southwest Chief Ridership Analysis and Economic Impact Study.** For the New Mexico DOT, Ms. Kersh helped to assess the impacts of a new alignment of Amtrak's *Southwest Chief* route. This involved assessing the estimated ridership of the existing and proposed alignments based on factors such as demographics, travel time, and visitor attractions. These ridership numbers were then used to

determine the impacts on intra and interstate transportation services as well as the impacts of a new alignment on the New Mexico economy.

**FDOT District 4 Freight Program Development.** Ms. Kersh is supporting FDOT D4's freight program. She led the first phase of the truck parking study, which defined supply, demand, and unmet need. She also supported the development of the freight component of the Treasure Coast Regional LRTP, and provides ongoing technical support to the District Freight Coordinator.

**Miami Dade County Freight 2017 Plan Update.** For the Miami-Dade TPO, Ms. Kersh supported the development of an update to the county's freight plan. Her work focused on documenting existing and planned freight facilities, such as warehouses, truck parking facilities, and intermodal centers. This also included a determination of cargo security risks and security proposals at truck parking facilities.

**Southeast Florida Freight Plan Update.** For the counties of Palm Beach, Broward, and Miami-Dade, Ms. Kersh supported the update to the region's freight plan. This involved stakeholder interviews, coordination with other local updates, an analysis of the economic impact of the freight industry, and support of the needs assessment.

**Prototype Deployment and Small-Scale Demonstration for the South Florida FRATIS.** Cambridge Systematics was selected by the U.S. DOT as the contractor to develop and test the South Florida Freight Advanced Traveler Information System (FRATIS) Prototype, focused on developing and testing a technology-based system designed to provide real-time traffic information customized for trucks. Ms. Kersh supported stakeholder outreach and took a lead role in the emergency management application.

**Florida DOT District 1 Freight Program Development.** For FDOT District 1, as part of a team, Ms. Kersh supported the development of a district wide freight program. She supported stakeholder interviews, commodity flow analysis, survey and interview guide development, and coordination with and incorporation of key state, national, and international initiatives.

**Lee County MPO Freight Mobility Element Update.** For the Lee County MPO, Ms. Kersh supported the update to the county's Freight Mobility Element. This effort included literature reviews, stakeholder interviews, commodity flow analysis, bottleneck identification, freight performance measurement, and project identification. This element supported the concurrent LRTP update conducted by the MPO.

**Polk County Transportation Planning Organization (TPO) Performance Standards.** For the Polk County TPO, Ms. Kersh helped to identify key freight movement improvements and strategies. This included the identification of potential performance measures and how they may be applied.

**Texas Freight Mobility Plan.** For the Texas Department of Transportation, Ms. Kersh supported the update to the state's freight plan to ensure compliance with the FAST Act. Her work included the analysis of key supply chains and trends within the state, stakeholder outreach, identification of critical corridors, and an inventory of existing infrastructure.

## Education

M.S., Civil Engineering, Vanderbilt University, 2012  
B.E., Civil Engineering, Vanderbilt University, 2010  
B.S., Mathematics, Vanderbilt University, 2010



## Planning and Design Services

for the Dixie Highway  
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# Tab 8 References



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## 8. References

References for past three (3) projects in the tri-county area (Broward, Palm Beach, and Miami-Dade.)

### Kimley-Horn References

#### Boynton Beach Boulevard Design from East of I-95 to US-1, Boynton Beach, FL

The Kimley-Horn team is currently 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.

**Cost:** \$350,000

**Contact:** Thuy Shutt, ShuttT@bbfl.us, 561.600.9098

#### Las Olas Boulevard Corridor Improvements, Fort Lauderdale, FL

Kimley-Horn serves as lead engineering consultant for site civil design, roadway design, permitting coordination, stormwater, utility, and franchise utility coordination services for this multi-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 the road. Oceanside Plaza is being designed so that it can be used for festivals, concerts, and children's play areas and includes a porte cochere drop-off.

The City was interested in providing buffered bike lanes, opportunities for landscaping, and emphasizing pedestrian and bike mobility. Upon beginning the data collection and public involvement phase, an apparent need arose for a traffic calming study for the adjacent neighborhood to prevent cut through traffic and to direct traffic to a designated local street. Our traffic engineers collaborated with our Complete Streets design experts, roadway design engineers, and City staff to investigate several alternatives, including designation of some streets as one-way pair to discourage cut through traffic throughout the neighborhood. This option was discounted in favor of more traffic calming measures. The project involved an extensive public outreach program and many meetings to develop consensus between home owner association representatives.

**Cost:** \$772,755

**Contact:** Elizabeth Van Zandt, elizabeth@ddaftl.org

#### Federal Highway (US 1) Interim and Final Enhancements, Delray Beach CRA

Kimley-Horn was retained by the Delray Beach CRA for the design of permanent improvements to reduce north and southbound US 1 to two lanes each way and provide on-street parking on both avenues. These road diet improvements encouraged slower speeds and a safer, more pedestrian-friendly environment. The project included landscaping beautification and decorative, environmentally sensitive street lighting; irrigation design; bicycle lanes; and a new sense of continuity with Downtown area with pavers and decorative crosswalks.

**Cost:** \$1,185,000.00

**Contact:** Jeff Costello, costelloj@mydelraybeach.com, 561.276.8640



## EDSA Reference

### Pompano Beach Streetscape and Dune Revitalization, Pompano Beach, FL

Due to the public nature and high visibility of this project, promoting community engagement and building consensus during the earliest stages was imperative in guiding the framework for this plan. The collaborative and inclusionary process bolstered public support and proved successful in the procurement of additional funds to benefit its implementation. Primary design elements include a signature plaza with interactive water feature, roadway and parking improvements, an extensive beach promenade, multi-purpose kiosk building, and state of the art playground. Critical to the restorative nature of the project was the reestablishment of the deteriorated dune system through native plantings, protective barriers, and controlled beach access.

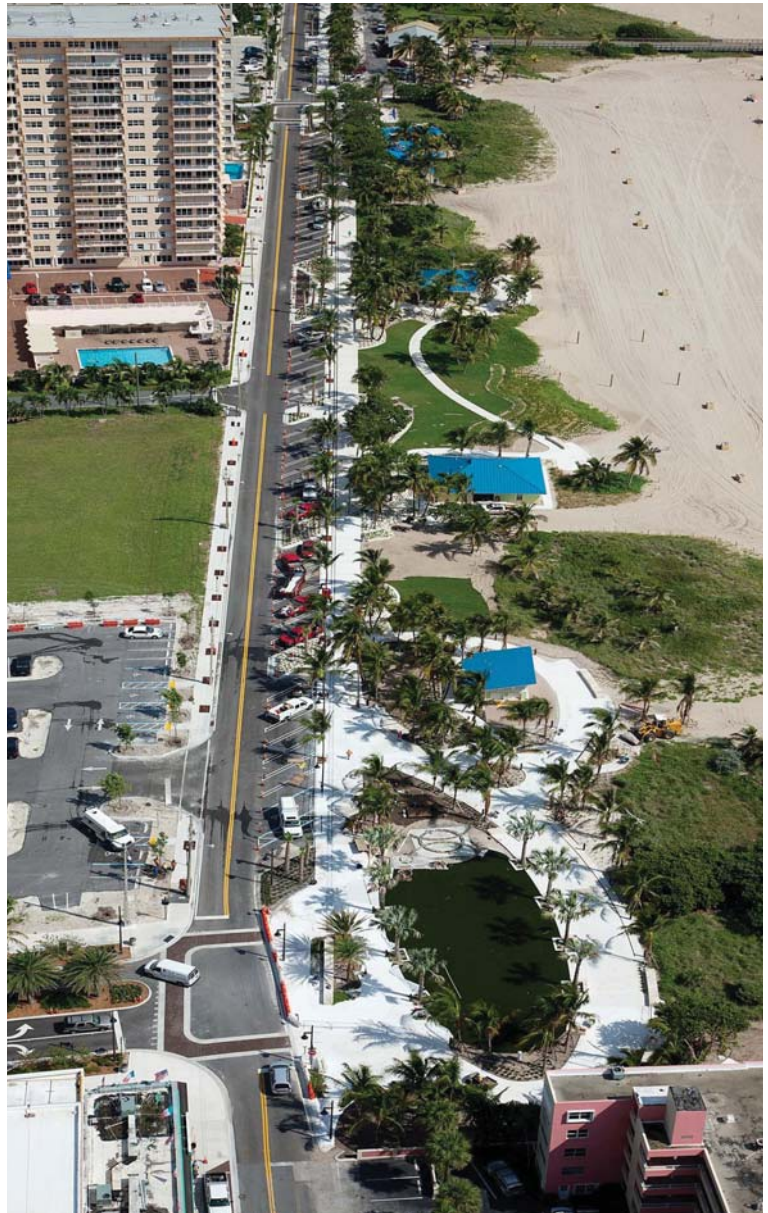
Working with the Pompano Beach Community Redevelopment Agency (CRA), EDSA led a multidisciplinary team of consultants, in creating a plan for the beach environment and existing streetscape along Pompano Beach Boulevard. Today, the Pompano Beach Streetscape has garnered regional and local acclaim for its promenade, public plaza, and restored dunes winning the 2013 FASLA Award of Honor. Project start was May 2010 with a successful opening in April 2013.

Scope of services for this project included:

- Preliminary and Final Conceptual Design
- Schematic Design
- Design Development
- Construction Drawings
- Periodic Construction related services
- Permitting
- Team Leader
- Public Consensus Building

**Cost:** Approximately \$9 million, which included the reconfiguration of the street, on street parking, a promenade, new lighting, site furnishings, a plaza, interactive water feature and dune plantings

**Contact:** Kim Briesemeister, kim@metrostrategies.net, 954.695.0754



## KEITH References

### Old Pompano Area Downtown Connectivity, Pompano Beach, FL

Phase 1: KEITH performed an area-wide study of the "Old" (Historic) Pompano Area existing roadway and utility infrastructure to create an underground utilities atlas map, as well as to analyze the existing roadway infrastructure for suitability, connectivity and circulation. Using the information gathered, KEITH prepared an assessment and recommendations on suitability of infrastructure improvements in anticipation of the area becoming a major multi-modal center with the upcoming All Aboard Florida passenger train project.

Phase 2: KEITH assembled a multi-disciplinary team including KEITH as the Lead/Prime consultant responsible for the overall team management, Engineering, Permitting, Planning, Surveying, Public Consensus and Construction Management. The improvements consisted of a pedestrian/bicycle friendly streetscape with landscape/hardscape beautification features, including special pavement materials, roadway/pedestrian LED lighting, signalization improvements, streetscape furnishings, utility adjustments (including water and sanitary sewer main replacement and conversion of existing overhead to underground infrastructure (FPL/Comcast/AT&T), and significant drainage and roadway improvements.

KEITH, assisted the Pompano Northwest CRA and the City of Pompano Beach with construction management of their Contractor (selected as a Construction Management At-Risk (CMAR)) throughout the duration of the project.

**Cost:** \$4.4 Million (approx.)

**Contact:** Horacio Danovich, [horacio.danovich@copbfl.com](mailto:horacio.danovich@copbfl.com), 954.786.7834







## Planning and Design Services

for the Dixie Highway Streetscape Improvements Project RFQ P-33-18

### Pompano Beach Boulevard Streetscape, Pompano Beach, FL

The Pompano Beach Boulevard Streetscape project included the redesign of Pompano Beach Boulevard roadways, median and pedestrian pathways adjacent to Pompano Beach, south of the pier to Atlantic Boulevard, including a signature plaza at the end of Atlantic Boulevard and North to NE 5th Street. Because much of the project was located seaward of the Coastal Construction Control Line, the design required extensive hydrographic and topographic survey in accordance with the requirements of the Florida Department of Transportation Environmental Protection-Division of Beaches and Shores as set forth in Section 62B-33.0081.

KEITH was responsible for Civil Engineering Design and Surveying for the development of a unique beach front venue including enhancement of roadway and on-street parking pedestrian streetscape/landscape, drainage improvements, relocation, utility infrastructure along Pompano Beach Blvd and underground of overhead Utilities from Atlantic Boulevard to NE 5th Street.

This South Florida project was a recipient of a 2013 Award of Honor by Florida ASLA and is the only project recognized by the Urban Land Institute (ULI) as an award finalist that does not include a major building.

**Cost:** \$7.9 Million

**Contact:** Horacio Danovich, [horacio.danovich@copbfl.com](mailto:horacio.danovich@copbfl.com), 954.786.7834





## Planning and Design Services

for the Dixie Highway Streetscape Improvements Project RFQ P-33-18

### MLK Boulevard Connectivity, Pompano Beach, FL

Phase 1: KEITH performed an area-wide study of the Pompano Northwest CRA existing roadway and utility infrastructure to create an underground utilities atlas map as well as to analyze the existing roadway infrastructure for suitability, connectivity and circulation. Using the information gathered, KEITH prepared an assessment and recommendations on suitability of the CRA's owned land and proposed land uses along the corridor.

Phase 2: KEITH assembled a multi-disciplinary team including KEITH as the Lead/Prime consultant responsible for the overall team management, Engineering, Permitting, Planning, Surveying, Public Consensus and Construction Management. The improvements consisted of a pedestrian/bicycle friendly streetscape with landscape/hardscape beautification features along MLK Boulevard, including special pavement materials, roadway/pedestrian LED lighting, signalization improvements, streetscape furnishings, utility adjustments (including 12-inch water main replacement and overhead infrastructure (FPL/Comcast/AT&T) hardening and pole realignment), and significant drainage and roadway improvements.

KEITH assisted the Pompano Northwest CRA and the City of Pompano Beach with construction management of their Contractor (selected as a Construction Management At-Risk (CMAR)) throughout the duration of the project.

**Cost:** \$3.5 Million (approx.)

**Contact:** Horacio Danovich, horacio.danovich@copbfl.com, 954.786.7834





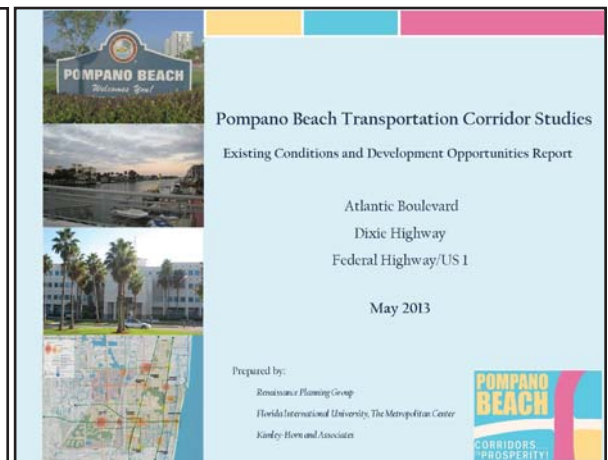
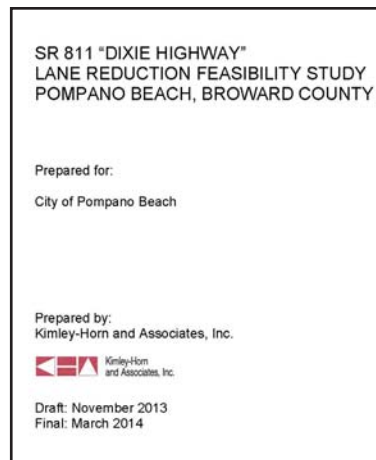
## Planning and Design Services

for the Dixie Highway Streetscape Improvements Project RFQ P-33-18

# List of Projects Performed for the City of Pompano Beach

## Kimley-Horn

- 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
- City of Pompano Beach, Atlantic Boulevard Bridge Decorative Sails and Lighting
- Pompano Beach East Transit Oriented Corridor (ETOC) Transportation Analysis
- Lyons Park Sanitary Sewer Rehabilitation
- Pompano Complete Streets
- Pompano Downtown and Martin Luther King Blvd
- North East Force Main Installation
- Standby Diesel Engine Drive for High-Service Pump #6



## EDSA

- NW Pompano Beach CRA
- MLK Jr. Village Plan
- Pompano Beach Dixie & Atlantic ETOC & Public Meetings
- Pompano Complete Streets-Dixie & Atlantic
- Pompano NW CRA - FEC
- MLK Phase 1 Real Estate Plan
- Pompano Pier Improvements
- Pompano Beach NW CRA-MLK Phase 2
- Pompano Beach NW CRA-Broward Library Real Estate Plan
- Pompano Beach Blvd Dune Restoration
- Pompano Beach Streetscape and Dune Restoration



## Keith and Associates

KEITH has completed over 150 projects for the City of Pompano Beach and the CRA, including the three referenced above.



## Planning and Design Services

for the Dixie Highway  
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# Tab 9 Office Locations

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## Planning and Design Services

for the Dixie Highway Streetscape Improvements Project RFQ P-33-18

# 9. Office Locations

### Kimley-Horn Prime Office Location - Federal ID Number: 56-0885615

- **Office Location:** 600 North Pine Island Road Suite 450, Plantation FL 33324
  - **Number of professional staff:** 59 (35 licensed professionals)
  - **Number of administrative staff:** 3

### Kimley-Horn Support Office Locations

- **Office Location:** 1920 Wekiva Way Suite 200 West Palm Beach FL 33411
  - **Number of professional staff:** 123 (47 licensed professionals)
  - **Number of administrative staff:** 18
- **Office Location:** 1615 South Congress Avenue Suite 201 Delray Beach FL 33445
  - **Number of professional staff:** 28 (8 licensed professionals)
  - **Number of administrative staff:** 2

### KEITH - Federal ID Number: 65-0806421

- **Office Location:** 301 East Atlantic Boulevard, Pompano Beach, FL 33060
  - **Number of professional staff:** 43 (16 licensed professionals)
  - **Number of administrative staff:** 8

### EDSA - Federal ID Number: 59-1265229

- **Office Location:** 1512 E Broward Blvd, Suite 110, Fort Lauderdale, FL 33301
  - **Number of professional staff:** 96 (25 licensed professionals)
  - **Number of administrative staff:** 3

### Traf Tech - Federal ID Number: 20-3276418

- **Office Location:** 8400 North University Drive, Suite 309, Tamarac, Florida 33321
  - **Number of professional staff:** 1 P.E.
  - **Number of administrative staff:** 0

### Florida Engineering and Testing - Federal ID Number: 65-0866640

- **Office Location:** 250 SW 13th Avenue, Pompano Beach, FL 33069
  - **Number of professional staff:** 10 (1 P.E.)
  - **Number of administrative staff:** 3

### Cambridge Systematics - Federal ID Number: 04-2505095

- **Office Location:** 2101 W Commercial Blvd., #3200, Fort Lauderdale, FL 33309
  - **Number of professional staff:** 7 (1 P.E. and 1 AICP)
  - **Number of administrative staff:** 0



## Planning and Design Services

for the Dixie Highway  
Streetscape Improvements Project RFQ P-33-18

# Tab 10 City Forms

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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 \$ 1,000,000 aggregate.

☒ Yes ☐ No

3. Qualifier has current workers' compensation insurance policy.

☒ 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?

☒ 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 ☒ 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 ☒ No

(THE REMAINDER OF THIS PAGE HAS BEEN LEFT BLANK INTENTIONALLY)

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: N/A

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: N/A

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 submit a proposal 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 proposal 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      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 under your present business name and license number? \_\_\_\_ 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

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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

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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          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

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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 ☒ 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 **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 ☒ 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).

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#### **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. **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.

Name of Insurance Company No. 1     see attached

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 has 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: 8/8/2018

  
\_\_\_\_\_  
(Signature)

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

***PROPOSER INFORMATION PAGE***

**RFP** P-33-18, Planning and Design Services for the Dixie Highway Streetscape Improvements Project  
(number) (RFP name)

To: The City of Pompano Beach, Florida

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

Proposal submitted by:

Name (printed) Marwan Mufleh, P.E. Title Principal

Company (Legal Registered) Kimley-Horn and Associates, Inc.

Federal Tax Identification Number 56-0885615

Address 600 North Pine Island Road, Suite 450

City/State/Zip Plantation, FL 33324

Telephone No. 954.535.5100 Fax No. 561.863.8175

Email Address Marwan.Mufleh@kimley-horn.com

**REQUESTED INFORMATION BELOW IS ON THE ATTRIBUTES TAB FOR THE RFQI IN THE EBID SYSTEM. PROVIDE THIS INFORMATION ELECTRONICALLY.**

**VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES LISTS**

Respondent Vendor Name: Kimley-Horn and Associates, Inc.

Vendor FEIN: 56-0885615

Section 287.135, Florida Statutes, prohibits agencies from contracting with companies, for goods or services over \$1,000,000.00, which are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or is engaged in business operations in Cuba or Syria.

As the person authorized to sign on behalf of Respondent, I hereby certify that the company identified above is not listed on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or is engaged in business operations in Cuba or Syria. I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs.

Certified By (include Name and Title):





**BIDDERS ARE TO COMPLETE FORM AND UPLOAD COMPLETED FORM TO THE EBID SYSTEM**

**EXHIBIT E**

**MINORITY BUSINESS ENTERPRISE PARTICIPATION**

RLI # P-33-18

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.

<b>Name of Firm</b>	<b>Certificate Included?</b>
Florida Engineering and Testing, Inc.	Yes

# *State of Florida*

## Woman & Minority Business Certification

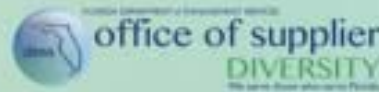
### Florida Engineering & Testing, Inc.

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 • 4050 Esplanade Way, Suite 380 • Tallahassee, FL 32399 • 850-487-0915 • [www.dms.myflorida.com/osd](http://www.dms.myflorida.com/osd)



THE SCHOOL DISTRICT OF PALM BEACH COUNTY  
OFFICE OF DIVERSITY IN BUSINESS PRACTICES

CONGRATULATIONS!

**M/WBE (Minority/Woman) Business Enterprise**

**FLORIDA ENGINEERING & TESTING, INC.**

as an *Asian American Female Enterprise*, in the (M/WBE) Program

This certificate is valid

**April 17, 2018—April 17, 2021**

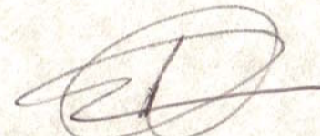
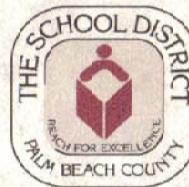
The following are the areas that your firm has been certified:

**Professional Engineering Services; Geotechnical - Soils, Inspection & Testing Services,**  
**Construction Type, Environmental Site Assessment, Concrete Testing Services,**  
**Structural/Engineering Inspection Services, Asphalt Sampling and Inspection Services.**

Certification is not a guarantee that your firm will receive work. Please register your company with [www.demandstar.com](http://www.demandstar.com) to receive notification of upcoming opportunities. Any change to your certification requires you to submit proof of expertise, licensure and a business history (at minimum) to justify the additional certification. You are also required to submit a copy of your certificate with each bid, or proposal that you submit to the School District. You must notify this office if the status of your firm changes. Failure to report changes that affect the ownership or control of your firm may result in decertification.



**Heidi Galloway**  
**Analyst Business Compliance**



**Patrick Chrysostome—Manager**



# 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**

Bidder Company Name Kimley-Horn**10. Qualifications Of Bidders****N/A**

To demonstrate qualifications to perform the Work, and to be considered for award, each Bidder must submit written evidence, such as previous experience, present commitments and other such data as detailed under Bidder's Responsiveness and Responsibility section of the IFB (or in SUPPLEMENTARY CONDITIONS). Each Bid must contain evidence of Bidder's qualification to do business in the State where the Project is located or covenant to obtain such qualification prior to executing the Agreement.

10.1 How many years has your organization been in business as a Contractor?

---

10.2 State of Florida Contractor's license # \_\_\_\_\_

Contractor License Types \_\_\_\_\_

Broward County Certificate of Competency #: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

10.3 Have you ever failed to complete work awarded to you? If Yes, where and why?

---



---

10.4 Have you personally inspected the proposed work and have you a complete plan for its performance?

---

10.5 Will you sub-contract any part of this work? ☐ Yes ☐ No

If Yes, list all proposed subcontractors to be used on this project if the Bidder is awarded the Contract for this project. The successful Bidder shall submit a COMPLETE list of any work that he proposes to subcontract and the proposed subcontractors prior to execution of the contract.

CLASSIFICATION  
OF WORK

NAME AND ADDRESS  
OF SUBCONTRACTOR

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(Submit any additional contractors to be used on a separate sheet.)

10.6 The following information shall be provided for this project:

Bidder Company Name Kimley-Horn

N/A

- (a) Estimated total construction manhours \_\_\_\_\_
- (b) Percent manhours to be performed by Contractor's permanent staff \_\_\_\_\_
- (c) Percent manhours to be performed by direct hire employees \_\_\_\_\_
- (d) Percent manhours to be performed by Subcontractors \_\_\_\_\_

10.7 Equipment

10.8 What equipment do you own that is available for the proposed work?

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10.9 What equipment will you rent for the proposed work?

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10.10 What equipment will you purchase for the proposed work?

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11 List all work of similar type, complexity, and comparable value as requested under the Bidder's Responsiveness and Responsibility, Responsibility Documentation, Paragraph 2 Prior Project Experience and References of the IFB. (Attach additional information on separate sheet)

Project #1

Project Name \_\_\_\_\_

Project Owner's Name \_\_\_\_\_

Owner's Address \_\_\_\_\_

Phone Number \_\_\_\_\_ Email address \_\_\_\_\_

Contact information for the Project (if different from above)

<u>Contact Person</u>	<u>Phone Number</u>	<u>Email Address</u>
-----------------------	---------------------	----------------------

---

Nature of Work \_\_\_\_\_

---

Original Contract Completion Time (Days) \_\_\_\_\_



Bidder Company Name Kimley-HornN/A

Original Contract Completion Date \_\_\_\_\_

Actual Final Contract Completion Date \_\_\_\_\_

Original Contract Price \_\_\_\_\_

Actual Final Contract Price \_\_\_\_\_

Description and Value of Work Completed by Contractor \_\_\_\_\_

\_\_\_\_\_

Description and Value of Work Completed by Subcontractors \_\_\_\_\_

\_\_\_\_\_

Project #2

Project Name \_\_\_\_\_

Project Owner's Name \_\_\_\_\_

Owner's Address \_\_\_\_\_

Phone Number \_\_\_\_\_ Email address \_\_\_\_\_

Contact information for the Project (if different from above)

Contact Person                      Phone Number                      Email Address

\_\_\_\_\_

Nature of Work \_\_\_\_\_

\_\_\_\_\_

Original Contract Completion Time (Days) \_\_\_\_\_

Original Contract Completion Date \_\_\_\_\_

Actual Final Contract Completion Date \_\_\_\_\_

Original Contract Price \_\_\_\_\_

Actual Final Contract Price \_\_\_\_\_

Description and Value of Work Completed by Contractor \_\_\_\_\_

\_\_\_\_\_

Description and Value of Work Completed by Subcontractors \_\_\_\_\_

\_\_\_\_\_

Bidder Company Name Kimley-Horn

N/A

Project #3

Project Name \_\_\_\_\_

Project Owner's Name \_\_\_\_\_

Owner's Address \_\_\_\_\_

Phone Number \_\_\_\_\_ Email address \_\_\_\_\_

Contact information for the Project (if different from above)

Contact PersonPhone NumberEmail Address

\_\_\_\_\_

Nature of Work \_\_\_\_\_

\_\_\_\_\_

Original Contract Completion Time (Days) \_\_\_\_\_

Original Contract Completion Date \_\_\_\_\_

Actual Final Contract Completion Date \_\_\_\_\_

Original Contract Price \_\_\_\_\_

Actual Final Contract Price \_\_\_\_\_

Description and Value of Work Completed by Contractor \_\_\_\_\_

\_\_\_\_\_

Description and Value of Work Completed by Subcontractors \_\_\_\_\_

\_\_\_\_\_

## 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 24 <sup>th</sup> Street, Suite 200, Vero Beach, FL 32960	772-794-4100
Michael G. Schiller, Executive Vice President	7740 N 16 <sup>th</sup> 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.



Triangle / Eastern NC  
Commercial Banking  
MAC D0182-063  
150 Fayetteville Street  
Raleigh, NC 26701

January 2, 2018

Re: Kimley-Horn and Associates, Inc.

To Whom It May Concern:

Kimley-Horn and Associates, Inc. ("Kimley-Horn") has been a satisfactory customer of Wells Fargo Bank, N.A. for over thirty-five years. The Bank has provided Kimley-Horn with deposit accounts, loans and other Bank services that have been handled in a satisfactory, responsible and professional manner.

Kimley-Horn maintains deposit balances that have averaged a moderate eight figure in the last twelve months.

Wells Fargo provides Kimley-Horn a committed line of credit of a low eight figure value. The line of credit has no outstanding balance as of the date of this letter.

Wells Fargo is pleased with Kimley-Horn's banking relationship and hopes to provide banking services to the company in the future.

If you have any questions or would like additional information, please contact me at (919) 881-6433.

Sincerely,

A handwritten signature in blue ink that reads "B - P Gallagher".

Brian P. Gallagher  
Relationship Manager  
Triangle Eastern NC Middle Market Banking

Together we'll go far



***Kimley-Horn Financial Statements***

The attached financial statements of Kimley-Horn and Associates, Inc. as of December 31, 2017 and for the year then ended have been reviewed by Cherry Bekaert LLP, and they have issued an Independent Accountant's Review Report thereon. The financial statements have not been audited, as Kimley-Horn is not required to have an audit performed. These financial statements are provided to you for the sole purpose of evaluating Kimley-Horn's financial condition in connection with current and future proposals for services. Any distribution of this information for any other purpose is prohibited.

Kimley-Horn's present financial condition is materially the same as that shown in the attached financial statements.

For any questions regarding financial statements, please contact Lindsey Balltzglier, Controller, at (919) 678-4141.

# **KIMLEY-HORN AND ASSOCIATES, INC.**

## **FINANCIAL STATEMENTS**

***As of and for the Years Ended December 31, 2017  
and 2016***

***And Independent Accountant's Review Report***



**KIMLEY-HORN AND ASSOCIATES, INC.****TABLE OF CONTENTS**

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## Independent Accountant's Review Report

Board of Directors  
Kimley-Horn and Associates, Inc.  
Raleigh, North Carolina

We have reviewed the accompanying financial statements of Kimley-Horn and Associates, Inc. (the "Company"), which are comprised of the balance sheets as of December 31, 2017 and 2016, and the related statements of operations, changes in shareholder's equity and other comprehensive income (loss), and cash flows for the years then ended, and the related notes to the financial statements. A review includes primarily applying analytical procedures to management's financial data and making inquiries of Company management. A review is substantially less in scope than an audit, the objective of which is the expression of an opinion regarding the financial statements as a whole. Accordingly, we do not express such an opinion.

### Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of the financial statements that are free from material misstatement, whether due to fraud or error.

### Accountant's Responsibility

Our responsibility is to conduct the review engagement in accordance with Statements on Standards for Accounting and Review Services promulgated by the Accounting and Review Services Committee of the American Institute of Certified Public Accountants ("AICPA"). Those standards require us to perform procedures to obtain limited assurance as a basis for reporting whether we are aware of any material modifications that should be made to the financial statements for them to be in accordance with accounting principles generally accepted in the United States of America. We believe that the results of our procedures provide a reasonable basis for our conclusion.

### Accountant's Conclusion

Based on our reviews, we are not aware of any material modifications that should be made to the accompanying financial statements in order for them to be in accordance with accounting principles generally accepted in the United States of America.

A handwritten signature in black ink that reads 'Cherry Bekaert LLP'. The signature is written in a cursive, stylized script.

Raleigh, North Carolina  
March 13, 2018

# KIMLEY-HORN AND ASSOCIATES, INC.

## BALANCE SHEETS

DECEMBER 31, 2017 AND 2016

(SEE INDEPENDENT ACCOUNTANT'S REVIEW REPORT)

	2017	2016
<b>ASSETS</b>		
Current Assets:		
Cash and cash equivalents	\$ 25,159,593	\$ 36,772,926
Marketable securities, held to maturity, current	29,598,295	59,442,886
Receivable from affiliates	4,893,137	2,815,088
Accounts receivable – trade, net	182,272,964	161,187,466
Costs and estimated earnings in excess of billings on uncompleted contracts	19,556,200	16,129,772
Accounts receivable – other	2,104,120	1,461,488
Notes receivable, net, current	117,562	233,635
Deposits, current	223,182	379,197
Prepaid expenses, current	17,865,759	16,940,180
Income taxes receivable	7,605,161	-
Deferred tax assets	-	484,828
Total Current Assets	289,395,973	295,847,466
Properties and Equipment:		
Vehicles	237,067	258,867
Office furniture and equipment	59,101,871	55,018,490
Buildings and leasehold improvements	30,003,286	25,949,963
	89,342,224	81,227,320
Less accumulated depreciation	(51,253,450)	(49,734,029)
Net depreciable properties and equipment	38,088,774	31,493,291
Land	6,146,776	6,146,776
Total Properties and Equipment, Net	44,235,550	37,640,067
Other Assets:		
Marketable securities, held to maturity, noncurrent	39,805,620	-
Notes receivable due after one year, net	571,918	463,862
Deposits, noncurrent	743,332	852,757
Prepaid expenses, noncurrent	1,990,402	4,137,314
Goodwill, net	292,417	268,125
Other	1,635,307	685,761
Total Other Assets	45,038,996	6,407,819
<b>Total Assets</b>	<b>\$ 378,670,519</b>	<b>\$ 339,895,352</b>

The accompanying notes to the financial statements are an integral part of these statements.

**KIMLEY-HORN AND ASSOCIATES, INC.**  
**BALANCE SHEETS (CONTINUED)**

DECEMBER 31, 2017 AND 2016

(SEE INDEPENDENT ACCOUNTANT'S REVIEW REPORT)

	<b>2017</b>	<b>2016</b>
<b>LIABILITIES AND SHAREHOLDER'S EQUITY</b>		
Current Liabilities:		
Accounts payable – trade	\$ 44,680,816	\$ 40,558,464
Billings in excess of costs and estimated earnings on uncompleted contracts	50,268,024	44,549,072
Accounts payable – affiliate	-	26,094
Accrued salaries and wages	92,898,072	90,893,487
Accrued vacation payable	15,684,372	13,891,434
Income taxes payable	-	786,378
Accrued retirement plan contributions	53,668,889	46,329,774
Deferred taxes liabilities, current	2,335,817	-
Deferred income, current	124,256	124,256
Other current liabilities	78,646	73,404
Total Current Liabilities	<u>259,738,892</u>	<u>237,232,363</u>
Long-Term Liabilities:		
Tax liability due to affiliates	1,631,594	929,714
Deferred taxes liabilities, noncurrent	2,705,271	3,787,315
Deferred income, noncurrent	1,273,619	1,397,875
Other long-term liabilities	1,205,702	1,161,778
Total Long-Term Liabilities	<u>6,816,186</u>	<u>7,276,682</u>
<b>Total Liabilities</b>	<u>266,555,078</u>	<u>244,509,045</u>
Shareholder's Equity:		
Common stock, stated value of \$1.00 per share. Authorized 100,000 shares, issued and outstanding 35,771 shares	35,771	35,771
Paid-in capital	8,798,275	8,798,275
Retained earnings	103,585,503	86,796,851
Accumulated other comprehensive loss	(304,108)	(244,590)
<b>Total Shareholder's Equity</b>	<u>112,115,441</u>	<u>95,386,307</u>
<b>Total Liabilities and Shareholder's Equity</b>	<u><u>\$ 378,670,519</u></u>	<u><u>\$ 339,895,352</u></u>

The accompanying notes to the financial statements are an integral part of these statements.

**KIMLEY-HORN AND ASSOCIATES, INC.**  
**STATEMENTS OF OPERATIONS**

*YEARS ENDED DECEMBER 31, 2017 AND 2016*  
*(SEE INDEPENDENT ACCOUNTANT'S REVIEW REPORT)*

	<b>2017</b>	<b>2016</b>
Revenues:		
Gross revenues	\$ 806,428,121	\$ 720,768,975
Less direct client expenses	197,189,800	175,628,809
Net Professional Fees	<u>609,238,321</u>	<u>545,140,166</u>
Operating Expenses:		
Employee compensation	410,802,210	374,793,706
Payroll overhead expense	122,394,509	101,903,222
Travel expenses	10,531,703	9,571,819
Professional expenses	17,607,132	15,448,975
Office supplies and expenses	9,518,919	9,262,114
Property costs	26,027,952	22,884,698
Telephone expense	3,369,318	3,241,136
General liability insurance	3,830,069	3,701,326
Depreciation and amortization	7,947,189	7,282,020
Legal, accounting, and other professional services	3,942,775	3,815,498
Software costs	7,065,752	5,667,751
Interest expense	4,114	20,612
Provision for uncollectible accounts	574,394	79,413
Less operating expenses included in direct client expenses	<u>(31,299,693)</u>	<u>(26,864,047)</u>
Total Operating Expenses	<u>592,316,343</u>	<u>530,808,243</u>
Earnings from operations	16,921,978	14,331,923
Other income, net	<u>1,980,436</u>	<u>2,561,966</u>
Earnings before income taxes	18,902,414	16,893,889
Income tax expense	<u>2,113,762</u>	<u>3,953,870</u>
Net earnings	<u><u>\$ 16,788,652</u></u>	<u><u>\$ 12,940,019</u></u>

The accompanying notes to the financial statements are an integral part of these statements.

**KIMLEY-HORN AND ASSOCIATES, INC.****STATEMENTS OF CHANGES IN SHAREHOLDER'S EQUITY AND OTHER COMPREHENSIVE INCOME (LOSS)***YEARS ENDED DECEMBER 31, 2017 AND 2016**(SEE INDEPENDENT ACCOUNTANT'S REVIEW REPORT)*

	<b>Common Stock</b>		<b>Additional</b>	<b>Retained</b>	<b>Other</b>	<b>Total</b>
	<b>Shares</b>	<b>Amount</b>	<b>Paid-in</b>	<b>Earnings</b>	<b>Comprehensive</b>	<b>Shareholder's</b>
			<b>Capital</b>		<b>Income (Loss)</b>	<b>Equity</b>
<b>Balance December 31, 2015</b>	35,771	\$ 35,771	\$ 8,798,275	\$ 73,856,832	\$ (279,606)	\$ 82,411,272
Comprehensive income:						
Change in unrecognized costs of post-retirement health benefits, net of taxes	-	-	-	-	35,016	35,016
Net earnings	-	-	-	12,940,019	-	12,940,019
Comprehensive income						12,975,035
<b>Balance December 31, 2016</b>	35,771	35,771	8,798,275	86,796,851	(244,590)	95,386,307
Comprehensive income (loss):						
Change in unrecognized costs of post-retirement health benefits, net of taxes	-	-	-	-	(59,518)	(59,518)
Net earnings	-	-	-	16,788,652	-	16,788,652
Comprehensive income						16,729,134
<b>Balance December 31, 2017</b>	<u>35,771</u>	<u>\$ 35,771</u>	<u>\$ 8,798,275</u>	<u>\$ 103,585,503</u>	<u>\$ (304,108)</u>	<u>\$ 112,115,441</u>

The accompanying notes to the financial statements are an integral part of these statements.



# **KIMLEY-HORN AND ASSOCIATES, INC.**

## **STATEMENTS OF CASH FLOWS**

*YEARS ENDED DECEMBER 31, 2017 AND 2016*  
*(SEE INDEPENDENT ACCOUNTANT'S REVIEW REPORT)*

	<b>2017</b>	<b>2016</b>
<b>Cash flows from operating activities:</b>		
Net earnings	\$ 16,788,652	\$ 12,940,019
Adjustments to reconcile net earnings to net cash provided by operating activities:		
Depreciation and amortization	7,947,189	7,282,020
Deferred income	(124,256)	(160,256)
Deferred income taxes	1,738,601	(11,455,956)
(Gain)/Loss on disposal of properties and equipment	13,632	(422,646)
(Gain) on sales of marketable securities	(816,385)	(626,753)
Amortization of bond premium/discount	155,752	-
Accrued interest income on marketable securities	(272,180)	-
Provision for uncollectible accounts	680,000	(170,000)
Allowance, net of recovery, for uncollectible notes receivable	72,500	194,740
Changes in assets and liabilities:		
Accounts receivable – trade	(21,765,498)	(11,806,320)
Costs and estimated earnings in excess of billings on uncompleted contracts	(3,426,428)	(3,246,046)
Accounts receivable – other	(495,602)	(183,905)
Receivable from affiliates	(2,078,049)	(919,945)
Prepaid expenses	1,221,333	(7,494,607)
Deposits and other assets	(684,106)	(295,625)
Income taxes receivable	(7,605,161)	1,569,332
Tax liability due to affiliates	701,880	157,381
Accounts payable – trade	4,122,352	10,951,289
Billings in excess of costs and estimated earnings on uncompleted contracts	5,718,952	4,474,527
Accounts Payable – affiliate	(26,094)	-
Accrued compensation and expenses	11,136,638	36,827,393
Income taxes payable	(786,378)	786,378
Other long-term liabilities	(10,352)	(38,388)
Net cash provided by operating activities	<u>12,206,992</u>	<u>38,362,632</u>
<b>Cash flows from investing activities:</b>		
Purchases of properties and equipment	(14,575,697)	(8,723,438)
Proceeds from disposition of properties and equipment	50,100	639,632
Purchases of marketable securities, held to maturity	(204,161,287)	(133,165,209)
Sales of marketable securities, held to maturity	194,986,042	84,000,000
Issuance of notes receivable	(261,710)	(324,140)
Collections of notes receivable	197,227	118,324
Business combination	(55,000)	(275,000)
Net cash used in investing activities	<u>(23,820,325)</u>	<u>(57,729,831)</u>

The accompanying notes to the financial statements are an integral part of these statements.

**KIMLEY-HORN AND ASSOCIATES, INC.**  
**STATEMENTS OF CASH FLOWS (CONTINUED)**

*YEARS ENDED DECEMBER 31, 2017 AND 2016*  
*(SEE INDEPENDENT ACCOUNTANT'S REVIEW REPORT)*

	<b>2017</b>	<b>2016</b>
<b>Cash flows from financing activities:</b>		
Net cash used in financing activities	\$ -	\$ -
Net change in cash and cash equivalents	(11,613,333)	(19,367,199)
Cash and cash equivalents, beginning of year	36,772,926	56,140,125
Cash and cash equivalents, end of year	<u>\$ 25,159,593</u>	<u>\$ 36,772,926</u>
<b>Supplemental disclosures of noncash investing and financing activities:</b>		
Change in amount recognized for post-retirement health benefits	<u>\$ (79,252)</u>	<u>\$ 57,309</u>
<b>Supplemental cash flow information:</b>		
Cash paid during the year for interest	<u>\$ 4,114</u>	<u>\$ 29,247</u>
Cash paid during the year for income taxes, net of refunds received of \$93,166 and \$55,820, respectively	<u>\$ 7,941,160</u>	<u>\$ 12,896,828</u>

The accompanying notes to the financial statements are an integral part of these statements.

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## KIMLEY-HORN AND ASSOCIATES, INC.

### NOTES TO THE FINANCIAL STATEMENTS

DECEMBER 31, 2017 AND 2016

(SEE INDEPENDENT ACCOUNTANT'S REVIEW REPORT)

#### Note 1—Summary of significant accounting policies

*Nature of Business* - Kimley-Horn and Associates, Inc. (the "Company") is an indirect wholly-owned subsidiary of APHC, Inc. The Company provides engineering, planning, and environmental consulting services to public and private clients.

*Revenue Recognition* - Fixed fee contracts are accounted for using the percentage-of-completion method. Contract revenues are recognized in the proportion that contract costs incurred bear to total estimated costs. Contract costs include direct labor, materials, equipment, subcontracts, and indirect costs allocable to contract performance.

Cost-plus contract revenues are recognized as contract costs are incurred. Selling, general, and administrative costs are charged to expense as incurred.

For contracts extending beyond one year, adjustments to cost estimates during the course of the contract are recorded in the accounting period in which they are estimated. Contract losses are recognized in full when such losses are estimated. Changes in project performance, project conditions, estimated profitability, and final contract settlements may result in revisions to costs and are recognized in the period in which revisions are determined.

The asset "Costs and estimated earnings in excess of billings on uncompleted contracts" represents revenues recognized in excess of amounts billed. The liability "Billings in excess of costs and estimated earnings on uncompleted contracts" represents billings in excess of revenues recognized.

*Cash and Cash Equivalents* - The Company considers all highly liquid, short-term investments with an original maturity of three months or less to be cash equivalents.

*Marketable Securities* - Debt securities are considered to be held to maturity and are reported at amortized cost.

*Allowance for Uncollectible Accounts and Notes* - An allowance for uncollectible accounts and notes is provided for using the allowance method, which is based on historical experience and management's evaluation of outstanding accounts and notes receivable at the end of each year. The allowance for uncollectible accounts and notes was \$3,240,000 and \$2,645,000 as of December 31, 2017 and 2016, respectively.

*Properties and Equipment, Net* - All properties and equipment are stated at cost. Expenditures for maintenance and repairs are expensed as incurred. When items are disposed of or replaced, the cost and accumulated depreciation amounts are removed from the accounts, and any gain or loss is included in other income.

*Depreciation* - The cost of properties and equipment is depreciated using primarily the straight-line method over the following useful lives:

<u>Type of Property</u>	<u>Life in Years</u>
Vehicles	5 years
Office furniture and equipment	4 to 7 years
Leasehold improvements	Shorter of lease term or estimated useful life
Buildings	39 years

Depreciation expense totaled \$7,916,481 in 2017 and \$7,275,145 in 2016.

## KIMLEY-HORN AND ASSOCIATES, INC.

### NOTES TO THE FINANCIAL STATEMENTS

DECEMBER 31, 2017 AND 2016

(SEE INDEPENDENT ACCOUNTANT'S REVIEW REPORT)

#### Note 1—Summary of significant accounting policies (continued)

*Goodwill* - During 2017 and 2016, the Company was party to two different business combinations. In conjunction with these business combinations, the excess of the purchase price over the net assets acquired was allocated to goodwill. In accordance with Financial Accounting Standards Board ("FASB") Accounting Standards Update ("ASU") No. 2014-02, *Accounting for Goodwill, a consensus of the Private Company Council*, the Company amortizes goodwill on a straight-line basis over a 10-year useful life and only evaluates goodwill for impairment at the entity level when a triggering event occurs. During the years ended December 31, 2017 and 2016, no triggering events occurred requiring impairment testing; therefore, no impairment loss was recorded. Goodwill and related accumulated amortization, respectively, were \$330,000 and \$37,583 in 2017 and \$275,000 and \$6,875 in 2016.

*Income Taxes* - The Company uses the cash method of accounting for income tax purposes. The income (loss) of the Company is included in the consolidated federal and state income tax returns of APHC, Inc. Where state income tax laws do not permit the filing of a consolidated income tax return, separate returns are filed. The Company provides for current income tax expense (benefit) on a separate company basis.

The Company has adopted the provisions of Accounting Standards Codification ("ASC") Subtopic 740-10, *Income Taxes - Overall*. As a result, the Company recognized a liability for uncertain tax positions of \$0 and \$437,927 for 2017 and 2016, respectively, for benefits related to research and development tax credits taken each year.

The Company recognizes interest and penalties related to uncertain tax positions in income tax expense. For the years ended December 31, 2017 and 2016, the Company recognized no interest and penalties associated with uncertain tax positions.

The Company is only subject to U.S. federal, state, and local tax examinations by taxing authorities for three years from the date of filing.

The Company uses the asset and liability approach to recognize the tax effects of temporary differences between financial reporting and tax purposes at enacted tax rates expected to be in effect when such amounts are recovered or settled.

*Use of Estimates* - The preparation of financial statements in conformity with U.S. generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

*Other Comprehensive Income* - Comprehensive income includes all nonshareholder changes in equity during a period and is divided into two broad classifications: net income and other comprehensive income ("OCI"). OCI includes revenues, expenses, gains, and losses that are excluded from earnings under U.S. generally accepted accounting principles. For the Company, OCI consists of amounts related to post-retirement health benefits.

## KIMLEY-HORN AND ASSOCIATES, INC.

### NOTES TO THE FINANCIAL STATEMENTS

DECEMBER 31, 2017 AND 2016

(SEE INDEPENDENT ACCOUNTANT'S REVIEW REPORT)

#### Note 1—Summary of significant accounting policies (continued)

*Fair Value Measurements* - The Company follows ASC Topic 820, *Fair Value Measurements and Disclosures*, which defines fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants. ASC 820 also establishes a framework for measuring fair value and expands disclosures about fair value measurements.

ASC Topic 820 establishes a fair value hierarchy which requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value.

The standard describes three levels of inputs that may be used to measure fair value:

- Level 1: quoted prices (unadjusted) in active markets for identical assets or liabilities.
- Level 2: inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly.
- Level 3: one or more significant inputs or significant value drivers that are unobservable or based on market assumptions.

The Company uses only Level 1 inputs in its fair value measurements.

The following methods and assumptions were used to estimate the fair value of each class of financial instruments:

*Cash and Cash Equivalents, Accounts Receivable, and Accounts Payable* - The carrying amount approximates fair value because of the short maturity of these instruments.

*Notes Receivable and Notes Payable* - Since these notes have variable interest rates, the carrying value approximates the fair value.

*New Accounting Pronouncements* - In May 2014, the FASB issued ASU No. 2014-09, *Revenue from Contracts with Customers*. Under the new standard, a company will recognize revenue when it delivers promised services to clients in the amount the company is due in exchange for those services. This standard also includes expanded disclosure requirements about the nature, amount, timing, and uncertainty of revenue and cash flows arising from existing contracts with clients. This standard will be effective for the Company for the calendar year ending December 31, 2019. The Company is currently in the process of evaluating the impact of adoption of this ASU on the financial statements.

In February 2016, the FASB issued No. ASU 2016-02, *Leases*. The standard requires all leases with lease terms over twelve months to be capitalized as a right-of-use asset and lease liability on the balance sheet at the date of lease commencement. Leases will be classified as either finance or operating, which impacts how leases are expensed in the income statement. This standard will be effective for the Company for the calendar year ending December 31, 2020. The Company is currently in the process of evaluating the impact of adoption of this ASU on the financial statements.

**KIMLEY-HORN AND ASSOCIATES, INC.**  
**NOTES TO THE FINANCIAL STATEMENTS**

*DECEMBER 31, 2017 AND 2016*

*(SEE INDEPENDENT ACCOUNTANT'S REVIEW REPORT)*

**Note 2—Marketable securities, held to maturity**

The amortized cost of marketable securities, held to maturity and their approximate fair values as of December 31, 2017 and 2016 are as follows:

	<b>2017</b>		
	<b>Amortized Cost</b>	<b>Gross Unrealized Losses</b>	<b>Fair Value</b>
Corporate debt securities	\$ 69,403,915	\$ (285,162)	\$ 69,118,753
	<b>2016</b>		
	<b>Amortized Cost</b>	<b>Gross Unrealized Gains</b>	<b>Fair Value</b>
Corporate debt securities	\$ 59,442,886	\$ 323,717	\$ 59,766,603
	<b>Amortized Cost</b>	<b>Fair Value</b>	
Amounts maturing in:			
One year or less		\$ 29,598,295	\$ 29,762,249
After one year through five years		39,805,620	39,356,504
		<u>\$ 69,403,915</u>	<u>\$ 69,118,753</u>

Management evaluates marketable securities for other-than-temporary impairment at least on an annual basis, and more frequently when economic or market concerns warrant such evaluation. No marketable securities were deemed to be impaired as of December 31, 2017. The gross unrealized losses as of December 31, 2017 and gross unrealized gains as of December 31, 2016 on marketable securities, held to maturity resulted from changing market interest rates compared to the yields available at the time the underlying securities were purchased.

The financial statements include \$496,058 and \$349,028 of accrued interest receivable related to these marketable securities as of December 31, 2017 and 2016, respectively, which are included in Accounts receivable - other.



# **KIMLEY-HORN AND ASSOCIATES, INC.**

## **NOTES TO THE FINANCIAL STATEMENTS**

*DECEMBER 31, 2017 AND 2016*

*(SEE INDEPENDENT ACCOUNTANT'S REVIEW REPORT)*

### **Note 3—Other comprehensive income**

The components of other comprehensive income (loss) are summarized below for the years ended December 31:

	<b>2017</b>		
	<b>Before-Tax Amount</b>	<b>Tax Effect</b>	<b>After-Tax Amount</b>
Other comprehensive income (loss):			
Post-retirement health benefits	\$ (79,252)	\$ 19,734	\$ (59,518)

	<b>2016</b>		
	<b>Before-Tax Amount</b>	<b>Tax Effect</b>	<b>After-Tax Amount</b>
Other comprehensive income (loss):			
Post-retirement health benefits	\$ 57,309	\$ (22,293)	\$ 35,016

See also Note 10.

### **Note 4—Litigation and claims**

In the normal course of business, the Company is, on occasion, named as a defendant in legal actions. The Company carries professional liability insurance, subject to certain deductibles and policy limits. While management does not believe that the resolution of these claims will have a material adverse effect on the Company's financial position, results of operations, or cash flows, management acknowledges the uncertainty surrounding the ultimate resolution of these matters. As of December 31, 2017 and 2016, the Company has recorded a liability of \$1,750,000 and \$1,850,000, respectively, for outstanding claims included in Accounts payable – trade, which represents the best estimate of the probable loss associated with these claims.

### **Note 5—Related party transactions**

The Company provides management and engineering services, administrative support, benefits administration, data processing, and accounting services to affiliated corporations. Included in net professional fees is \$22,500 for 2017 and 2016, billed for other management and administrative services. Receivable from affiliates consists of \$4,893,137 and \$2,815,088 for 2017 and 2016, respectively, due from affiliated corporations for engineering services.

The Company pays income taxes on behalf of APHC, Inc. and its wholly-owned subsidiaries, resulting in a tax receivable or liability based on the Company's financial results. The tax liability due to affiliates was \$1,631,594 and \$929,714 as of December 31, 2017 and 2016, respectively.

# **KIMLEY-HORN AND ASSOCIATES, INC.**

## **NOTES TO THE FINANCIAL STATEMENTS**

*DECEMBER 31, 2017 AND 2016*

*(SEE INDEPENDENT ACCOUNTANT'S REVIEW REPORT)*

### **Note 6—Line of credit**

The Company has a line of credit with a financial institution that bears interest at the 30-day London Interbank Offered Rate (LIBOR) plus 1.35% (2.914% and 2.122% as of December 31, 2017 and 2016, respectively). The accrued interest is paid monthly and the outstanding principal balance is due upon maturity. In addition, the Company pays a quarterly fee for the unused portion of the line. The Company's assets serve as collateral for this line of credit.

The line of credit is a \$10,000,000 operating line of credit and expires on May 1, 2020. The Company had no borrowings under the line of credit as of December 31, 2017 and 2016.

### **Note 7—Lease commitments**

The Company leases office space under operating lease agreements.

As of December 31, 2017, the minimum future rentals payable under the noncancellable portions of operating leases were as follows:

#### **Years Ending December 31,**

2018	\$ 20,420,589
2019	20,462,524
2020	18,247,476
2021	14,690,151
2022	12,871,483
Thereafter	40,120,967
	<u>\$ 126,813,190</u>

Total rent expense under these lease agreements recognized on a straight-line basis over the term of the lease including any periods of free rent was \$23,887,276 and \$21,818,174 for 2017 and 2016, respectively.

During 2014, the Company sold a building to an unrelated entity for \$8,500,000. Concurrent with the sale, the Company leased back the building for 15 years at a monthly rate of \$54,667 plus annual escalations of 1%. The monthly rates in 2017 and 2016 were \$56,323 and \$55,765, respectively. Accordingly, the gain on sale of \$1,863,835 has been deferred and is being recognized over the 15-year lease term.

### **Note 8—Employee retirement plans**

The Company has an employee Retirement Savings and Pension Plan, which includes a 401(k) employee deferral and a Company match. The plan also allows for a profit-sharing benefit, which is determined annually by the Board of Directors.

The Company has a defined contribution Retirement Annuity Plan whose purpose is to provide a retirement benefit for individuals whose compensation exceeds the salary cap imposed by the Internal Revenue Service when computing retirement benefits.

# **KIMLEY-HORN AND ASSOCIATES, INC.**

## **NOTES TO THE FINANCIAL STATEMENTS**

*DECEMBER 31, 2017 AND 2016*

*(SEE INDEPENDENT ACCOUNTANT'S REVIEW REPORT)*

### **Note 8—Employee retirement plans (continued)**

Contributions to the employee retirement plans for the years ended December 31, 2017 and 2016 were as follows:

	<b>2017</b>	<b>2016</b>
Plan contributions	\$ 65,379,280	\$ 53,795,329
Less forfeitures	(902,614)	(990,780)
Total Contributions	<u>\$ 64,476,666</u>	<u>\$ 52,804,549</u>

These contributions are included in payroll overhead expense.

### **Note 9—Income taxes**

Income tax expense (benefit) for the years ended December 31, 2017 and 2016 is as follows:

	<b>2017</b>	<b>2016</b>
Current:		
Federal	\$ (84,815)	\$ 13,124,326
State	440,243	2,334,621
	<u>355,428</u>	<u>15,458,947</u>
Deferred:		
Federal	1,157,842	(10,342,017)
State	600,492	(1,163,060)
	<u>1,758,334</u>	<u>(11,505,077)</u>
	<u>\$ 2,113,762</u>	<u>\$ 3,953,870</u>

The Tax Cuts and Jobs Act of 2017 was signed into law on December 22, 2017. We have recorded a tax benefit of \$3,856,840, primarily due to a re-measurement of deferred tax assets and liabilities.

# **KIMLEY-HORN AND ASSOCIATES, INC.**

## **NOTES TO THE FINANCIAL STATEMENTS**

DECEMBER 31, 2017 AND 2016

(SEE INDEPENDENT ACCOUNTANT'S REVIEW REPORT)

### **Note 9—Income taxes (continued)**

The components of deferred income taxes as of December 31, 2017 and 2016 are as follows:

	<b>2017</b>	<b>2016</b>
Deferred tax assets:		
Net operating loss and other tax carryforwards - state and federal	\$ 644	\$ 606
Temporary differences for reimbursed expenses	199,476	274,206
Post-retirement health benefits	175,455	155,721
Foreign tax credit	91,767	-
Federal research and development tax credit	1,183,237	-
State research and development tax credit	115,136	4,067
Accrual to cash adjustment	-	50,834
Total deferred tax assets	<u>1,765,715</u>	<u>485,434</u>
Deferred tax liabilities:		
Accrual to cash adjustment	(4,100,888)	-
Depreciation	(2,705,915)	(3,787,921)
Total deferred tax liabilities	<u>(6,806,803)</u>	<u>(3,787,921)</u>
Net deferred tax liabilities	<u>\$ (5,041,088)</u>	<u>\$ (3,302,487)</u>

No valuation allowance for deferred tax assets was required as of December 31, 2017 and 2016. Management believes it is more likely than not that the deferred tax assets will be recovered by future taxable income.

A reconciliation of the expected income tax expense (benefit) at the parent's federal statutory rate of 35% and income tax expense (benefit) for the years ended December 31, 2017 and 2016 is as follows:

	<b>2017</b>	<b>2016</b>
Expected income tax expense at statutory rate	\$ 6,615,845	\$ 5,912,861
State income taxes, net of federal benefit	676,567	541,276
Research and development tax credit	(1,459,541)	(1,537,976)
Permanent differences	692,107	(775,805)
Change in uncertain tax positions	(437,927)	(229,132)
Foreign items	(119,953)	-
Federal and state rate revaluation	(3,856,840)	-
Other	3,504	42,646
	<u>\$ 2,113,762</u>	<u>\$ 3,953,870</u>

As of December 31, 2017, the Company has net operating loss carryforwards for federal and state income tax purposes of \$0 and \$15,547, respectively, which are available to offset future federal and state taxable income, if any, for the next 15 years.

# KIMLEY-HORN AND ASSOCIATES, INC.

## NOTES TO THE FINANCIAL STATEMENTS

DECEMBER 31, 2017 AND 2016

(SEE INDEPENDENT ACCOUNTANT'S REVIEW REPORT)

### Note 10—Other liabilities

The Company has a Post-Retirement Healthcare Plan (the "Plan"). Participation in this Plan is determined by the Board of Directors. The Company has currently designated certain retired individuals and their dependents as participants in the Plan. The Company's intent is that no new participants will be added to the Plan. The Plan provides supplemental Medicare insurance under terms described in the Plan. The Plan also provides long-term care insurance, vision insurance, and dental insurance.

The measurement date for the post-retirement benefit plans is December 31.

The components of net periodic post-retirement benefits cost recognized in the statements of operations for 2017 and 2016 consist of the following:

	2017	2016
Interest cost	\$ 43,360	\$ 48,417
Amortization of unrecognized losses	26,538	28,527
Amortization of prior service costs	(1,692)	(1,692)
Net periodic post-retirement benefits cost	<u>\$ 68,206</u>	<u>\$ 75,252</u>

Benefits paid by the Company totaled \$98,292 and \$91,347, respectively, in the years ending December 31, 2017 and 2016.

Amounts recognized in the consolidated balance sheets as of December 31 consist of the following:

	2017	2016
Accumulated post-retirement benefit obligation	\$ (1,284,348)	\$ (1,235,182)
Fair value of plan assets	-	-
Funded status	<u>\$ (1,284,348)</u>	<u>\$ (1,235,182)</u>

Amounts recognized in accumulated other comprehensive income that have not yet been recognized as components of net periodic post-retirement benefits cost as of December 31 consist of the following:

	2017	2016
Net actuarial losses	\$ (498,307)	\$ (420,747)
Prior service costs	18,744	20,436
	<u>\$ (479,563)</u>	<u>\$ (400,311)</u>

## **KIMLEY-HORN AND ASSOCIATES, INC.**

### **NOTES TO THE FINANCIAL STATEMENTS**

*DECEMBER 31, 2017 AND 2016*

*(SEE INDEPENDENT ACCOUNTANT'S REVIEW REPORT)*

#### **Note 10—Other liabilities (continued)**

The net (gain) loss and prior service costs (credit) that will be amortized from accumulated other comprehensive income into net periodic post-retirement benefits cost over the next fiscal year are \$26,939 and (\$1,692), respectively.

The accumulated post-retirement benefit obligation was determined using a discount rate of 3.24% and 3.65% for 2017 and 2016, respectively. The assumed healthcare cost trend rate for 2017 is 7.0%, decreasing by 0.1% in each future year to 5.0% for 2028 and remaining at that level thereafter. Increasing the assumed healthcare cost trend rates by one percentage point would increase the accumulated post-retirement benefit obligation as of December 31, 2017 by approximately \$124,000.

The benefits projected to be paid from the post-retirement benefit plan in each year 2018 - 2022 are approximately \$79,000, \$81,000, \$83,000, \$85,000, and \$86,000, respectively. The aggregate benefits projected to be paid in the five years from 2023 - 2027 are approximately \$432,000. The projected benefits are based on the same assumptions used to measure the Company's benefit obligation as of December 31.

#### **Note 11—Concentrations of credit risk**

The Company places its cash and cash equivalents on deposit with financial institutions in the United States. The Federal Deposit Insurance Corporation covers \$250,000 for all interest-bearing deposit accounts. During the year, the Company may have had amounts on deposit in excess of the insured limits. The cash balances are maintained at financial institutions with high credit quality ratings and the Company believes no significant risk of loss exists with respect to those balances.

#### **Note 12—Commitments and contingencies**

The Company has a Health Insurance Continuation Plan, which allows certain principals to continue their group health coverage under the Company's existing group health plan. Participants pay the cost of health insurance premiums for this coverage.

#### **Note 13—Subsequent events**

The Company has evaluated subsequent events through March 13, 2018, the date these financial statements were available to be issued, and has determined there are no subsequent events that require disclosure.



***Kimley-Horn Financial Statements***

The attached financial statements of Kimley-Horn and Associates, Inc. as of December 31, 2016 and for the year then ended have been reviewed by Cherry Bekaert LLP, and they have issued an Independent Accountant's Review Report thereon. The financial statements have not been audited, as Kimley-Horn is not required to have an audit performed. These financial statements are provided to you for the sole purpose of evaluating Kimley-Horn's financial condition in connection with current and future proposals for services. Any distribution of this information for any other purpose is prohibited.

Kimley-Horn's present financial condition is materially the same as that shown in the attached financial statements.

For any questions regarding financial statements, please contact Tammy Flanagan, Chief Financial Officer, at (919) 677-2016.

# **KIMLEY-HORN AND ASSOCIATES, INC.**

## **FINANCIAL STATEMENTS**

***As of and for the Years Ended December 31, 2016  
and 2015***

***And Independent Accountant's Review Report***

**KIMLEY-HORN AND ASSOCIATES, INC.****TABLE OF CONTENTS**

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## Independent Accountant's Review Report

Board of Directors  
Kimley-Horn and Associates, Inc.  
Raleigh, North Carolina

We have reviewed the accompanying financial statements of Kimley-Horn and Associates, Inc. (the "Company"), which are comprised of the balance sheets as of December 31, 2016 and 2015, and the related statements of operations, changes in shareholder's equity and comprehensive income (loss), and cash flows for the years then ended, and the related notes to the financial statements. A review includes primarily applying analytical procedures to management's financial data and making inquiries of Company management. A review is substantially less in scope than an audit, the objective of which is the expression of an opinion regarding the financial statements as a whole. Accordingly, we do not express such an opinion.

### Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of the financial statements that are free from material misstatement whether due to fraud or error.

### Accountant's Responsibility

Our responsibility is to conduct the review engagement in accordance with Statements on Standards for Accounting and Review Services promulgated by the Accounting and Review Services Committee of the American Institute of Certified Public Accountants ("AICPA"). Those standards require us to perform procedures to obtain limited assurance as a basis for reporting whether we are aware of any material modifications that should be made to the financial statements for them to be in accordance with accounting principles generally accepted in the United States of America. We believe that the results of our procedures provide a reasonable basis for our conclusion.

### Accountant's Conclusion

Based on our reviews, we are not aware of any material modifications that should be made to the accompanying financial statements in order for them to be in accordance with accounting principles generally accepted in the United States of America.

A handwritten signature in black ink that reads "Cherry Bekaert LLP". The signature is stylized and cursive.

Raleigh, North Carolina  
March 14, 2017

# KIMLEY-HORN AND ASSOCIATES, INC.

## BALANCE SHEETS

DECEMBER 31, 2016 AND 2015

(SEE INDEPENDENT ACCOUNTANT'S REVIEW REPORT)

	2016	2015
<b>ASSETS</b>		
Current Assets:		
Cash and cash equivalents	\$ 36,772,926	\$ 56,140,125
Marketable securities, held to maturity	59,442,886	10,000,000
Receivable from affiliates	2,815,088	1,895,143
Accounts receivable – trade, net	161,187,466	149,211,146
Costs and estimated earnings in excess of billings on uncompleted contracts	16,129,772	12,883,726
Accounts receivable – other	1,461,488	928,507
Notes receivable, net, current	233,635	174,955
Deposits, current	379,197	648,406
Prepaid expenses, current	16,940,180	12,642,623
Income taxes receivable	-	1,569,332
Deferred tax assets	484,828	-
Total Current Assets	295,847,466	246,093,963
Properties and Equipment:		
Vehicles	258,867	258,867
Office furniture and equipment	55,018,490	49,351,719
Buildings and leasehold improvements	25,949,963	26,289,162
	81,227,320	75,899,748
Less accumulated depreciation	(49,734,029)	(45,637,764)
Net depreciable properties and equipment	31,493,291	30,261,984
Land	6,146,776	6,146,776
Total Properties and Equipment, Net	37,640,067	36,408,760
Other Assets:		
Notes receivable due after one year, net	463,862	511,466
Deposits, non-current	852,757	335,436
Prepaid expenses, non-current	4,137,314	940,264
Goodwill, net	268,125	-
Other	685,761	638,248
Total Other Assets	6,407,819	2,425,414
<b>Total Assets</b>	<b>\$ 339,895,352</b>	<b>\$ 284,928,137</b>

The accompanying notes to the financial statements are an integral part of these statements.

**KIMLEY-HORN AND ASSOCIATES, INC.**  
**BALANCE SHEETS (CONTINUED)**

DECEMBER 31, 2016 AND 2015

(SEE INDEPENDENT ACCOUNTANT'S REVIEW REPORT)

	<u>2016</u>	<u>2015</u>
<b>LIABILITIES AND SHAREHOLDER'S EQUITY</b>		
Current Liabilities:		
Accounts payable – trade	\$ 40,558,464	\$ 29,607,175
Billings in excess of costs and estimated earnings on uncompleted contracts	44,549,072	40,074,545
Accounts payable – affiliate	26,094	26,094
Accrued salaries and wages	90,893,487	61,691,585
Accrued vacation payable	13,891,434	11,897,103
Accrued interest	-	8,635
Income taxes payable	786,378	-
Accrued retirement plan contributions	46,329,774	40,689,979
Deferred taxes liabilities, current	-	11,470,585
Deferred income, current	124,256	142,256
Other current liabilities	73,404	89,705
Total Current Liabilities	<u>237,232,363</u>	<u>195,697,662</u>
Long-Term Liabilities:		
Tax liability due to affiliates	929,714	772,333
Deferred taxes liabilities, non-current	3,787,315	3,287,858
Deferred income, non-current	1,397,875	1,540,131
Other long-term liabilities	1,161,778	1,218,881
Total Long-Term Liabilities	<u>7,276,682</u>	<u>6,819,203</u>
<b>Total Liabilities</b>	<u>244,509,045</u>	<u>202,516,865</u>
Shareholder's Equity:		
Common stock, stated value of \$1.00 per share. Authorized 100,000 shares, issued and outstanding 35,771 shares	35,771	35,771
Paid-in capital	8,798,275	8,798,275
Retained earnings	86,796,851	73,856,832
Accumulated other comprehensive loss	(244,590)	(279,606)
<b>Total Shareholder's Equity</b>	<u>95,386,307</u>	<u>82,411,272</u>
<b>Total Liabilities and Shareholder's Equity</b>	<u>\$ 339,895,352</u>	<u>\$ 284,928,137</u>

The accompanying notes to the financial statements are an integral part of these statements.



**KIMLEY-HORN AND ASSOCIATES, INC.**  
**STATEMENTS OF OPERATIONS**

*YEARS ENDED DECEMBER 31, 2016 AND 2015*  
*(SEE INDEPENDENT ACCOUNTANT'S REVIEW REPORT)*

	<u>2016</u>	<u>2015</u>
Revenues:		
Gross revenues	\$ 720,768,975	\$ 626,353,635
Less direct client expenses	<u>175,628,809</u>	<u>150,951,251</u>
Net Professional Fees	<u>545,140,166</u>	<u>475,402,384</u>
Operating Expenses:		
Employee compensation	374,793,706	322,013,536
Payroll overhead expense	101,903,222	90,306,102
Travel expenses	9,571,819	8,672,312
Professional expenses	15,448,975	14,499,394
Office supplies and expenses	9,262,114	7,808,765
Property costs	22,884,698	18,987,909
Telephone expense	3,241,136	2,822,125
General liability insurance	3,701,326	3,393,989
Depreciation and amortization	7,282,020	6,982,508
Legal, accounting, and other professional services	3,815,498	3,989,436
Software costs	5,667,751	4,365,316
Interest expense	20,612	8,003
Provision for uncollectible accounts	79,413	609,811
Less operating expenses included in direct client expenses	<u>(26,864,047)</u>	<u>(23,571,830)</u>
Total Operating Expenses	<u>530,808,243</u>	<u>460,887,376</u>
Earnings from operations	14,331,923	14,515,008
Other income, net	<u>2,561,966</u>	<u>365,626</u>
Earnings before income taxes	16,893,889	14,880,634
Income tax expense	<u>3,953,870</u>	<u>5,454,368</u>
Net earnings	<u><u>\$ 12,940,019</u></u>	<u><u>\$ 9,426,266</u></u>

The accompanying notes to the financial statements are an integral part of these statements.

## Proof of Licensure/Certifications

**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**



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

  
 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.: **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 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.

# *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*

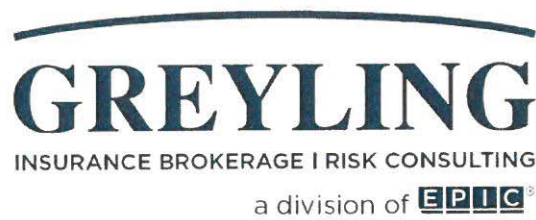


*Ken Detjen*  
**Secretary of State**

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>



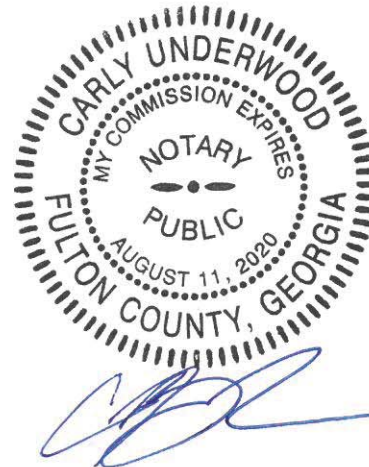
July 16, 2018

**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,

A handwritten signature in blue ink that reads "David H. 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



## Planning and Design Services

for the Dixie Highway  
Streetscape Improvements Project RFQ P-33-18

# Tab 11 Litigation

**Kimley»Horn**

Expect More. Experience Better.





## Planning and Design Services

for the Dixie Highway Streetscape Improvements Project RFQ P-33-18

# 11. 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.



## Planning and Design Services

for the Dixie Highway  
Streetscape Improvements Project RFQ P-33-18

Tab 12

# Acknowledgement of Addenda

Kimley»Horn

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## Planning and Design Services

for the Dixie Highway Streetscape Improvements Project RFQ P-33-18

# 12. Acknowledgement of Addenda

No addenda were issued for this solicitation.



## Planning and Design Services

for the Dixie Highway  
Streetscape Improvements Project RFQ P-33-18

# Tab 13 City Forms

**Kimley»Horn**

Expect More. Experience Better.



**Florida's Warmest Welcome**

**CITY OF POMPANO BEACH  
REQUEST FOR QUALIFICATIONS  
P-33-18  
REBID**

**Planning and Design Services for the Dixie Highway  
Streetscape Improvements Project**

**RFQ OPENING: AUGUST 9, 2018 2:00 P.M.  
PURCHASING OFFICE  
1190 N.E. 3RD AVENUE, BUILDING C (Front)  
POMPANO BEACH, FLORIDA 33060**

July 3, 2018

**CITY OF POMPANO BEACH, FLORIDA**  
**REQUEST FOR QUALIFICATIONS (RFQ)**  
**P-33-18**  
**REBID**

**Planning and Design Services for the Dixie Highway Streetscape Improvements Project**

Pursuant to Florida Statutes Chapter 287.055 "Consultants' Competitive Negotiation Act" the City of Pompano Beach invites professional Engineering, Planning, Architecture and Landscape Architecture firms to submit their qualifications and experience for consideration to provide Planning and Design Services to the City for the Dixie Highway Streetscape Improvements Project.

The City will receive sealed proposals until **2:00 p.m. (local), AUGUST 9, 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.

The City of Pompano Beach, Florida is an Equal Opportunity and Affirmative Action Employer. Minority-owned and women-owned firms are encouraged to submit statement or proposals. This project is (funded or partially funded) through the Community Development Block Grant Program with federal funds provided by the U.S. Department of Housing and Urban Development.

**Introduction**

The City intends to issue contracts to *engineering, planning, architecture, landscape architecture* firms to provide professional consulting services to the City for the planning and design of the Dixie Highway streetscape Improvements project. This project location is as follows:

- Dixie Highway (from McNab Road to Sample Road) including intersection of Atlantic Boulevard as well as Atlantic Boulevard from NW 6th Avenue to Cypress Road

The localized project areas will receive roadway improvements; water, sewer, and drainage improvements; signing and pavement markings; new landscaping and irrigation, new and/or upgraded sidewalks; hardening and/or overhead utility to conversion (undergrounding); and, new lighting. Other improvements may also be necessary and may be determined during the design process.

**1. Scope of Services**

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 configurations. Confirm right-of-way availability to complete designs in accordance with desirable roadway cross-sections.
- Identify any tests that may be necessary to carry out a sound design including soils, concrete strength, permeability/percolation, density, pot holeing, 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, and technical specifications, cost estimates, construction administration services including project certification, field inspections, as-builts, etc., and preparing responses to requests for Information (RFIs).
- 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); 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 be required.

Firms and/or any subconsultants 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. Firms may be required to demonstrate proper eligibility for State-funded projects such as Florida Department of Transportation (FDOT), U. S. Department of Transportation, etc.

## **2. Tasks/Deliverables**

Tasks for Planning and Design for all Streetscape Improvements

### Section 0001. Roadway

- 1.1 Prepare detailed designs for the cleaning and grubbing for the removal and replacement of existing sidewalk, curb and gutter, vegetation, pipes (limited) and drainage structures (limited.), maintenance of traffic plans (MOT),

- 1.2 Roadway work to include milling and resurfacing based upon Geotech Reporting. The City, at its sole discretion, may elect to re-build a roadway(s) if the Geotechnical report identifies structural deficiencies that may warrant reconstruction.
- 1.3 Provide design for new drainage system to consist of curb inlets/catch basins, pipes, and exfiltration trenches.

## SECTION 0002 - WATER, SEWER AND RECLAIMED WATER UTILITY IMPROVEMENTS

- 2.1 Design water, sewer and reclaimed water system improvements based upon information to be provided by the City Utilities. Design will require extensive coordination with Public Works, Utilities, Planning and Zoning (landscape) Departments' Staff.

## SECTION 0003 - SIGNING AND MARKING

- 3.1 Design Signing and Marking for project area in full compliance with the Manual on Uniform Traffic Control; Devices (MUTCD) and/or Broward County Traffic Engineering and/or Florida Department of Transportation.

## SECTION 0004 - LANDSCAPING AND STREETSCAPING

- 4.1 Prepare design for typical concrete sidewalks with planting bed pits with no special concrete sidewalk treatments or special edge/curbs or tree grates. The City, at its sole discretion, may elect to include treatments and/or tree grates depending on site conditions, width of sidewalks, ADA accessibility, etc. Design will require extensive coordination with Public Works, Nursery, Utilities, Planning and Zoning (landscape) Departments' Staff.
- 4.2 Prepare landscape design for medium size flowering street trees or medium end palms with combination of native/non-native plantings dependent on irrigation system. Important consideration will be given to future maintenance. Design will require extensive coordination with Public Works, Nursery, Utilities, Planning and Zoning (landscape) Departments' Staff. Other departments and/or government agencies may be involved in the review and selection process as well. Landscape architect, urban forester, and/or other qualified and licensed individual(s) will be required to select and tag trees and/or palms.

## SECTION 0005 - LIGHTING

- 5.1 Design street lighting plan including the retention of existing street lighting with limited additional decorative lighting. Design will require extensive coordination with Public Works, Utilities, Planning and Zoning (landscape) Departments' Staff. In addition, firm may be tasked to coordinate any overhead conversion efforts

and may be required to act as liaison to the Florida Power and Light, AT&T, Comcast and/or any other Public Services provider. This may include securing easements (if necessary), coordinating and attending design/field meetings, supervising and/or assisting contractor(s) during construction, etc.

## SECTION 0006 – PERMITTING/CONSTRUCTION ADMINISTRATION

- 6.1 Selected firm shall be responsible for all aspects of permitting and approvals except for specific requirements affecting the contractor(s). This section refers to preparation of permit applications and necessary plans (whether paper or electronic submittals), minimum number of site inspections, close-outs, construction progress meetings, change order's review, as-built plans, etc., as it may be deemed necessary for final project certification. The City, at its sole discretion, may choose to issue a contract for Construction Administration Services or carry out said activities with in-house Staff (i.e., own inspection services, etc.).

### 3. 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:

- a. **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.
- b. **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.

- c. **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](http://www.pompanobeachfl.gov) by selecting the Pompano Beach Business Directory in the Shop Pompano! section.

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

The required goal for this RFQ is 15% for Local Vendors.

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

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

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

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

1. For evaluation purposes, the Tier 1 and Tier 2 businesses shall be a criterion for award in this Request for Proposal (RFQ). 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.

#### **4. 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 4 in the evaluation criteria. Complete Exhibit A and include all certificates in your electronic submittal.

#### **5. 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 tabs or dividers between the sections:

##### **Title page:**

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

##### **Table of Contents:**

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

##### **Letter of Interest:**

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.

**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 RFQ. 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 (3) 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.

**City Forms:**

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.

The Essential Requirements Questionnaire, Project Team form, RFQ Proposer Information form, Minority Business Enterprise Participation form, Local Business Forms Exhibit A-D and any other required forms must be completed and submitted electronically through the City's eBid System.

**Litigation:**

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

**Acknowledgement of all Addenda issued.**

**City Forms:**

Responses should include all pages of this solicitation, initialed where indicated.

**6. Insurance**

The insurance described herein reflects the insurance requirements deemed necessary for this contract by the City. It is not necessary to have this level of insurance in effect at the time of submittal, but certificates indicating that the insurance is currently carried or a letter from the Carrier indicating upgrade ability will speed the review process to determine the most qualified Proposer.

The successful Proposer(s) shall not commence operations until certification or proof of insurance, detailing terms and provisions of coverage, has been received and approved by the City of Pompano Beach Risk Manager.

The following insurance coverage shall be required.

- a. Worker's Compensation Insurance covering all employees and providing benefits as required by Florida Statute, Chapter 440, regardless of the size of the company (number of employees). The 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, on General Liability Insurance only, in connection with work being done under this contract.
- 2) Such Liability insurance shall include the following checked types of insurance and indicated minimum policy limits.

### LIMITS OF LIABILITY

Type of Insurance	each occurrence	aggregate
<b>GENERAL LIABILITY: MINIMUM \$1,000,000 per OCCURRENCE/\$1,000,000 AGGREGATE</b>		
* Policy to be written on a claims incurred basis		
XX comprehensive form		
XX premises - operations	bodily injury	
— explosion & collapse		
— hazard	property damage	
— underground hazard		
— products/completed		
— operations hazard	bodily injury and	
XX contractual insurance	property damage	
XX broad form property	combined	
XX damage		
XX independent contractors		
XX personal injury	personal injury	

### AUTOMOBILE LIABILITY: MINIMUM \$1,000,000 per OCCURRENCE/\$1,000,000 AGGREGATE

	bodily injury	
	(each person)	
	bodily injury	
XX comprehensive form	(each accident)	
XX owned	property damage	
XX hired	bodily injury and	
XX non-owned	property damage	
	combined	

### REAL & PERSONAL PROPERTY

XX comprehensive form	Consultant must show proof they have this coverage.
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### EXCESS LIABILITY

XX umbrella form	bodily injury and		
XX other than umbrella	property damage		
	combined	\$2,000,000.	\$2,000,000.

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XX **PROFESSIONAL LIABILITY** \$2,000,000. \$2,000,000.  
 \* Policy to be written on a claims made basis

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The certification or proof of insurance must contain a provision for notification to the City, and the City's contracted law enforcement provider if applicable, thirty (30) days in advance of any material change in coverage or cancellation.

The successful Proposer shall furnish to the City the certification or proof of insurance required by the provisions set forth above, within ten (10) days after notification of award of contract.

## 7. **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. Emphasis to be given to firm's experience with projects that were required to adhere to State of Florida standards (i.e., FDOT, etc.). Personnel to be evaluated based on his/her experience with State-funded projects or projects with similar characteristics. |

## CRITERIA

- |     |   |       |
|-----|---|-------|
| A.  | <b>Overall approach, methodology:</b> 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  |
| B.  | <b>Prior experience</b> with projects of similar size and scope. Familiarity with City of Pompano Beach standards.  | 0-40  |
|     | a. Number of similar projects<br>b. Complexity of similar projects<br>c. References from past projects<br>d. Safety record  |       |
| C.  | <b>Financial Capability:</b> An indication of the resources and the necessary working capital available and how it will relate to the Firm's financial stability through the completion of the project. In addition, the firm's ability to secure bonding shall also be used as an indicator (bond up to 100% of construction costs).                           | 0-10  |
| D.  | <b>Qualifications of personnel:</b> 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.  | 0-20  |
|     | a. Number of technical staff<br>b. Qualifications of technical staff: <ul style="list-style-type: none"> <li>(1) Number of licensed staff</li> <li>(2) Education of staff</li> <li>(3) Experience of staff</li> </ul>   |       |
| E.  | <b>Tier 1/Tier 2 Local Business</b>   | 0-5   |
| F.. | <b>Minority/Small Business</b><br><br>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   |
|     | <b>Total Points</b>   | 0-100 |

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 RFQ, 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.

## **8. 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.

## **9. Retention of Records and Right to Access**

The selected firm shall maintain during the term of the contract all books of account, receipt invoices, reports and records in accordance with generally accepted accounting practices and standards. The form of all records and reports shall be subject to the approval of the City's Internal Auditor. Recommendation for changes, additions, or deletions by the City's Internal Auditor must be complied with by the selected firm. The City's Internal Auditor must be permitted during normal business hours to audit and examine the books of account, reports, and records relating to this contract. The selected firm shall maintain and make available such records and files for the duration of the contract and retain them until the expiration of three years after final payment under the contract.

**10. 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.

**11. 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.

**12. 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.

**13. 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.

**14. 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.

**15. Waiver**

It is agreed that no waiver or modification of the contract resulting from this RFQ, 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.

**16. 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.

**17. 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.

**18. 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.

**19. 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.

**20. RFQ Conditions and Provisions**

The proposal must be submitted to the City on or before the time and date stated herein. All Proposers, by 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.

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.

**21. 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. Conflict Of Interest

For purposes of determining any possible conflict of interest, each Proposer must disclose if any City employee is also an owner, corporate officer, or an employee of the firm. If any City employee is an owner, corporate officer, or an employee, the Proposer must file a statement with the City of Pompano Beach pursuant to § 112.313, Florida Statutes.

In accordance with 24 CFR 570.611, the conflict of interest provisions in 24 CFR 85.36 and 24 CFR 84.42, respectively, shall apply.

c. Excluded Parties

No award shall be made (subgrant or contract) to any organization which is debarred or suspended or is otherwise excluded from or ineligible for participation in Federal assistance programs under Executive Order 12549, "Debarment and Suspension."

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 the "Retract Response" feature of the City's eBid system.

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. Specifically, the Contractor shall:
  - a. Keep and maintain public records that ordinarily and necessarily would be required by the City in order to perform the service;
  - b. Provide the public with access to such public records on the same terms and conditions that the City would provide the records and at a cost that does not exceed that provided in chapter 119, Fla. Stat., 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; and
  - d. Meet all requirements for retaining public records and transfer to the City, at no cost, all public records in possession of the contractor upon termination of the contract and destroy any duplicate public records that are exempt or confidential and exempt. All records stored electronically must be provided to the City in a format that is compatible with the information technology systems of the agency.
2. The failure of Contractor to comply with the provisions set forth in this Article shall constitute a Default and Breach of this Agreement and the City shall enforce the Default in accordance with the provisions set forth herein.

**22. 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.

**23. 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.

**24. 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 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

2. Qualifier has or will obtain a general liability insurance policy with a policy limit of at least \$\_\_\_\_\_ per occurrence and \$\_\_\_\_\_ aggregate.

\_\_\_\_ Yes      \_\_\_\_ No

3. Qualifier has current workers' compensation insurance policy.

\_\_\_\_ 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?

\_\_\_\_ 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

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

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

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 ☐ 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 ☐ No

(THE REMAINDER OF THIS PAGE HAS BEEN LEFT BLANK INTENTIONALLY)

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 submit a proposal 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 proposal 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:

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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.

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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:

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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 has 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)

**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 RFQ IN THE EBID SYSTEM.**

**PROJECT TEAM**

RFQ NUMBER L-06-17  
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)

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

***PROPOSER INFORMATION PAGE***

***RFQ P-33-18,*** \_\_\_\_\_  
(RFQ name)

To: The City of Pompano Beach, Florida

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

Proposal submitted by:

Name (printed) \_\_\_\_\_ Title \_\_\_\_\_

Company (Legal Registered) \_\_\_\_\_

Federal Tax Identification Number \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Telephone No. \_\_\_\_\_ Fax No. \_\_\_\_\_

Email Address \_\_\_\_\_

**REQUESTED INFORMATION BELOW IS ON THE ATTRIBUTES TAB FOR THE RFQI IN THE EBID SYSTEM. PROVIDE THIS INFORMATION ELECTRONICALLY.**

**VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES LISTS**

Respondent Vendor Name: \_\_\_\_\_

Vendor FEIN: \_\_\_\_\_

Section 287.135, Florida Statutes, prohibits agencies from contracting with companies, for goods or services over \$1,000,000.00, which are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or is engaged in business operations in Cuba or Syria.

As the person authorized to sign on behalf of Respondent, I hereby certify that the company identified above is not listed on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or is engaged in business operations in Cuba or Syria. I understand that pursuant to section 287.135, Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs.

Certified By (include Name and Title):

\_\_\_\_\_

**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): \_\_\_\_\_

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### Exhibit – Contractor Performance Report

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

#### **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:

[illegible]

## City of Pompano Beach Florida

### Local Business Subcontractor Utilization Report

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

### Local Business Payment Report

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

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

Contractor Name – Authorized Personnel (print) (22)	Contractor Name – Authorized Personnel (sign) (23)	Title (24)	Date (25)
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### Local Business Subcontractor Utilization Report Instructions

- Box (1) Project Name** – Enter the entire name of the project.
- Box (2) Contract Number (work order)** – Enter the contract number and the work order number, if applicable (i.e., 4600001234, and if work order contract include work order number – 4600000568 WO 01).
- Box (3) Report Number** - Enter the Local Business Subcontractor Utilization Report number. Reports must be in a numerical series (i.e., 1, 2, 3).
- Box (4) Reporting Period** - Enter the beginning and end dates this report covers (i.e., 10/01/2016 – 11/01/2016).
- Box (5) Local Contract Goal** - Enter the Local Contract Goal percentage on entire contract.
- Box (6) Contract Completion Date** - Enter the expiration date of the contract, (not work the order).
- Box (7) Contractor Name** - Enter the complete legal business name of the Prime Contractor.
- Box (8) Contractor Telephone Number** - Enter the telephone number of the Prime Contractor.
- Box (9) Contractor Email Address** - Enter the email address of the Prime Contractor.
- Box (10) Contractor Street Address** – Enter the mailing address of the Prime Contractor.
- Box (11) Project Manager Name** - Enter the name of the Project Manager for the Prime Contractor on the project.

**Box (12) Project Manager Telephone Number** – Enter the direct telephone number of the Prime Contractor's Project Manager.

**Box (13) Project Manager Email Address** – Enter the email address of the Prime Contractor's Project Manager.

**Box (14) Federal Identification Number** – Enter the federal identification number of the Local Subcontractor(s).

**Box (15) Local Subcontractor Business Name** – Enter the complete legal business name of the Local Subcontractor(s).

**Box (16) Description of Work** – Enter the type of work being performed by the Local Subcontractor(s) (i.e., electrical services).

**Box (17) Project Amount** – Enter the dollar amount allocated to the Local Subcontractor(s) for the entire project (i.e., amount in the subcontract agreement).

**Box (18) Amount Paid this Reporting Period** – Enter the total amount paid to the Local Subcontractor(s) during the reporting period.

**Box (19) Invoice Number** – Enter the Local Subcontractor's invoice number related to the payment reported this period.

**Box (20) Total Paid to Date** – Enter the total amount paid to the Local Subcontractor(s) to date.

**Box (21) Total Paid to Date for All Local Subcontractor(s)** – Enter the total dollar amount paid to date to all Local Subcontractors listed on the report.

**Box (22) Contractor Name Authorized Personnel (print)** – Print the name of the employee that is authorized to execute the Local Subcontractor Utilization Report.

**Box (23) Contractor Name Authorized Personnel (sign)** – Signature of authorized employee to execute the Local Subcontractor Utilization Report.

**Box (24) Title** – Enter the title of authorized employee completing the Local Subcontractor Utilization Report.

**Box (25) Date** – Enter the date of submission of the Local Subcontractor Utilization Report to the City.

LOCAL BUSINESS EXHIBIT "A"

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

CITY OF POMPANO BEACH, FLORIDA  
LOCAL BUSINESS PARTICIPATION FORM

Solicitation # &amp; Title: \_\_\_\_\_

Prime Contractor's Name: \_\_\_\_\_

<u>Name of Firm, Address</u>	<u>Contact Person, Telephone Number</u>	<u>Type of Work to be Performed/Materials to be Purchased</u>	<u>Contract Amount</u>

LOCAL BUSINESS EXHIBIT "A"



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

RFQ Number \_\_\_\_\_

TO: \_\_\_\_\_  
 (Name of Prime or General Bidder)

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

\_\_\_\_\_ an individual

\_\_\_\_\_ a corporation

\_\_\_\_\_ a partnership

\_\_\_\_\_ a joint venture

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

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at the following price: \_\_\_\_\_

\_\_\_\_\_  
 (Date)

\_\_\_\_\_  
 (Name of Local Business Contractor)

\_\_\_\_\_  
 (address)

Code)

\_\_\_\_\_  
(address City, State Zip

BY: \_\_\_\_\_

(Name)

LOCAL BUSINESS EXHIBIT "B"

LOCAL BUSINESS EXHIBIT "C"  
LOCAL BUSINESS UNAVAILABILITY FORM

RFQ # \_\_\_\_\_

I, \_\_\_\_\_  
 (Name and Title)

of \_\_\_\_\_, certify that on the \_\_\_\_\_ day of

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

items to be performed in the City of Pompano Beach:

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

Said Local Businesses:

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

Name and Title:

\_\_\_\_\_

Date: \_\_\_\_\_

Note: Attach additional documents as available.

LOCAL BUSINESS EXHIBIT "C"

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

RFQ # \_\_\_\_\_

1. What portions of the contract have you identified as Local Business opportunities?  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
  
2. Did you provide adequate information to identified Local Businesses? Please comment on how you provided this information.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
  
3. Did you send written notices to Local Businesses?  
 \_\_\_\_\_ Yes      \_\_\_\_\_ No  
  
 If yes, please include copy of the notice and the list of individuals who were forwarded copies of the notices.
  
4. Did you advertise in local publications?  
 \_\_\_\_\_ Yes      \_\_\_\_\_ No  
  
 If yes, please attach copies of the ads, including name and dates of publication.
  
5. What type of efforts did you make to assist Local Businesses in contracting with you ?  
 \_\_\_\_\_  
 \_\_\_\_\_

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

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

8. Other comments: \_\_\_\_\_

\_\_\_\_\_

LOCAL BUSINESS EXHIBIT "D" – Page 2

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

LOCAL BUSINESS EXHIBIT "D"



**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**

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?

LOCAL BUSINESS EXHIBIT "A"  
CITY OF POMPANO BEACH, FLORIDA  
LOCAL BUSINESS PARTICIPATION FORM

P-33-18; Planning and Design Services for the  
Dixie Highway Streetscape Improvements

Solicitation Number & Title: Project

Prime Contractor's Name: Kimley-Horn and Associates, Inc.

<u>Name of Firm, Address</u>	<u>Contact Person, Telephone Number</u>	<u>Type of Work to be Performed/Material to be Purchased</u>	<u>Contract Amount</u>
Keith and Associates, Inc.	Adolphine Keith-Lazowick, 954.788.3400	Surveying and Mapping, Subsurface Utility Engineering, Utility Design, Utility Coordination, CEI	
Florida Engineering and Testing, Inc.	Christine Chang, 954.781.6889	Geotechnical Engineering	

LOCAL BUSINESS EXHIBIT "A"

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

Bid Number P-33-18

TO: Kimley-Horn  
 (Name of Prime or General Bidder)

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

☐ an individual

☒ a corporation

☐ a partnership

☐ a joint venture

The undersigned is prepared to sell product(s) or perform the following work in connection with the above Contract, as hereafter described in detail:

Surveying and Mapping, Subsurface Utility Engineering,  
Utility Design, Utility Coordination, CEI

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_


\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

at the following price: \_\_\_\_\_

8/1/18  
 (Date)

Keith and Associates, Inc.  
 (Name of Local Business Contractor)  
301 E. Atlantic Boulevard  
 (address)  
Pompano Beach, FL 33060  
 (address City, State Zip Code)  
 BY:   
 (Name)



**CITY OF POMPANO BEACH  
BUSINESS TAX RECEIPT  
FISCAL YEAR: 2016-2017**

**THIS IS NOT A BILL**

**Business Tax Receipt Valid from: October 1, 2016 through September 30, 2017**

8/23/2016

4441644  
GUINAUGH, MICHAEL  
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:** 17-00065637  
**CLASSIFICATION:** PROFESSIONAL-ENGINEER (PROF,CIVIL,ELECT)

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

**BUSINESS TAX RECEIPTS EXPIRE SEPTEMBER 30<sup>TH</sup> OF EACH YEAR**





**CITY OF POMPANO BEACH  
BUSINESS TAX RECEIPT  
FISCAL YEAR: 2017 - 2018**

**THIS IS NOT A BILL**

**Business Tax Receipt Valid from: October 1, 2017 through September 30, 2018**

9/19/2017

4465689  
WILLIAMS, STEPHEN D  
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:** WILLIAMS, STEPHEN D  
**BUSINESS LOCATION:** 301 E ATLANTIC BL POMPANO BEACH FL

<b>RECEIPT NO:</b>	<b>CLASSIFICATION</b>
<b>18-00094122</b>	<b>PROFESSIONAL-ENGINEER (PROF,CIVIL,ELECT)</b>

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

**BUSINESS TAX RECEIPTS EXPIRE SEPTEMBER 30<sup>TH</sup> OF EACH YEAR**





**CITY OF POMPANO BEACH  
BUSINESS TAX RECEIPT  
FISCAL YEAR: 2016-2017**

**THIS IS NOT A BILL**

**Business Tax Receipt Valid from: October 1, 2016 through September 30, 2017**

8/23/2016

4441643  
KEITH-LAZOWICK, A DODIE  
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:** 17-00065636  
**CLASSIFICATION:** PROFESSIONAL-SURVEYOR (LAND/MARINE)

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

**BUSINESS TAX RECEIPTS EXPIRE SEPTEMBER 30<sup>TH</sup> OF EACH YEAR**





**CITY OF POMPANO BEACH  
BUSINESS TAX RECEIPT  
FISCAL YEAR: 2017 - 2018**

**THIS IS NOT A BILL**

**Business Tax Receipt Valid from: October 1, 2017 through September 30, 2018**

9/19/2017

4441643  
KEITH-LAZOWICK, A DODIE  
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:** 18-00065636  
**CLASSIFICATION:** PROFESSIONAL-SURVEYOR (LAND/MARINE)

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

**BUSINESS TAX RECEIPTS EXPIRE SEPTEMBER 30<sup>TH</sup> OF EACH YEAR**



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

Bid Number P-33-18

TO: Kimley-Horn  
 (Name of Prime or General Bidder)

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

☐ an individual

☒ a corporation

☐ a partnership

☐ a joint venture

The undersigned is prepared to sell product(s) or perform the following work in connection with the above Contract, as hereafter described in detail:

Geotechnical engineering services

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at the following price: \_\_\_\_\_

8/8/18

(Date)

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

250 SW 13th Avenue  
 (address)

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

BY: Christine Chang

(Name)





**CITY OF POMPANO BEACH  
BUSINESS TAX RECEIPT  
FISCAL YEAR: 2017 - 2018**

**THIS IS NOT A BILL**

**Business Tax Receipt Valid from: October 1, 2017 through September 30, 2018**

9/19/2017

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:** 18-00066075  
**CLASSIFICATION:** PROFESSIONAL OFFICE (SEE REQUIREMENTS)

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

**BUSINESS TAX RECEIPTS EXPIRE SEPTEMBER 30<sup>TH</sup> OF EACH YEAR**



**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:** FLORIDA ENGINEERING & TESTING INC**Receipt #:** 315-622  
**Business Type:** ENGINEER (ENGINEER)**Owner Name:** YU CHIH CHANG  
**Business Location:** 250 SW 13 AVE  
POMPANO BEACH**Business Opened:** 07/01/2002  
**State/County/Cert/Reg:** 6923  
**Exemption Code:****Business Phone:** 954-781-6889

Rooms

Seats

Employees

1

Machines

Professionals

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

**THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS****THIS BECOMES A TAX RECEIPT****WHEN VALIDATED**

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

**Mailing Address:**YU CHIH CHANG  
250 SW 13 AVE  
POMPANO BEACH, FL 33069**Receipt #** 05A-17-00008993  
**Paid** 07/10/2018 30.00**2018 - 2019**

N/A

LOCAL BUSINESS EXHIBIT "C"  
LOCAL BUSINESS  
UNAVAILABILITY FORM

BID # \_\_\_\_\_

I, \_\_\_\_\_  
 (Name and Title)

of \_\_\_\_\_, certify that on the \_\_\_\_\_ day of

\_\_\_\_\_, \_\_\_\_\_, I invited the following LOCAL BUSINESSES to bid work items to be performed in the City of Pompano Beach:

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

Said Local Businesses:

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

Name and Title: \_\_\_\_\_

Date: \_\_\_\_\_

Note: Attach additional documents as available.

N/A

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

BID # \_\_\_\_\_

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

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

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3. Did you send written notices to Local Businesses?

\_\_\_\_ Yes      \_\_\_\_ No

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

4. Did you advertise in local publications?

\_\_\_\_ Yes      \_\_\_\_ No

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

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

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

	\$ _____
	\$ _____
	\$ _____

8. Other comments: \_\_\_\_\_

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N/A

LOCAL BUSINESS EXHIBIT "D" – Page 2

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