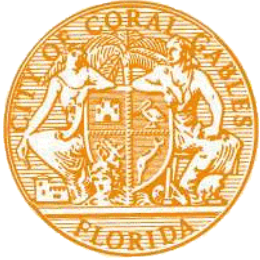




ORIGINAL



# Traffic Impact Study Consulting Services

RFQ 2018-017

PREPARED BY **Kimley»Horn**







## Traffic Impact Study Consulting Services; RFQ 2018-017

# Kimley»Horn

November 5, 2018

City of Coral Gables  
Procurement Division  
2800 SW 72nd Avenue  
Miami, FL 33155

### RE: Traffic Impact Study Consulting Services; RFQ 2018-17

Dear Members of the Selection Committee:

The **Kimley-Horn** team is pleased to submit our proposal in response to your Traffic Impact Study Consulting Services Request for Qualifications. We are uniquely qualified to support the City in the performance of these services given our unparalleled experience and technical expertise in the performance of traffic impact studies and project site plan reviews, depth of professional staff, local presence, and familiarity of the City's transportation issues.

**Experienced Team.** The firm has been involved in the development and application of traffic impact analyses for more than 50 years. If selected as the City's consultant, Kimley-Horn intends to serve as your partner in objectively evaluating development impacts and, if appropriate, identifying suitable mitigation measures that benefit the city. We have carefully assembled a core team of in-house experts, strategically selected to provide the City with exceptional client service. Serving as your project manager, I bring more than 20 years of traffic engineering and transportation planning experience in South Florida and a background of having performed more than 400 traffic impact studies in Miami-Dade County.

The team members proposed for this project have worked on numerous successful traffic impact studies in the Miami-Dade County and the Coral Gables area. In addition, with 65 professionals and support staff in our Coral Gables office and more than 230 additional staff located within the South Florida region, we offer the depth of staff required to be responsive to all your needs under this contract. Our staffing plan includes two (2) distinct traffic impact study teams, each managed by a licensed professional engineer with significant traffic engineering experience. This staffing strategy will allow us to perform multiple traffic impact studies simultaneously. We have also have included expert resources in parking, complete streets, and traffic calming to supplement our project team as these components are commonly examined as part of development projects.

**Your Partner in Serving the Community.** Our staff of dedicated and passionate professionals takes great pride in the way we serve our clients. As your project manager, I can assure you of our commitment to technical and professional excellence. Kimley-Horn has the talent, local knowledge, diversity of expertise, and commitment to your goals to continue to be that partner and provide exceptional client service to the City.

**We Know Coral Gables.** We have an ongoing presence in Coral Gables with a local office just steps from City Hall. We are extremely familiar with your traffic study requirements, transportation issues, and City staff, which will provide for responsiveness, cost savings, and streamlined communication.

**Commitment to Excellence.** On behalf of Kimley-Horn, I am excited about the opportunity to serve the City of Coral Gables. We offer you the professional resources of one of the premier traffic and transportation engineering firms in Florida, coupled with our personal commitments and demonstrated experience from professionals thoroughly familiar with the City's needs. Kimley-Horn team is extremely qualified and immediately available to continue to serve the City of Coral Gables.

Sincerely,

**KIMLEY-HORN**

John McWilliams, P.E.  
Project Manager



# **Traffic Impact Study Consulting Services; RFQ 2018-017**

## **RFQ 2018-017 Traffic Impact Study Consulting Services**

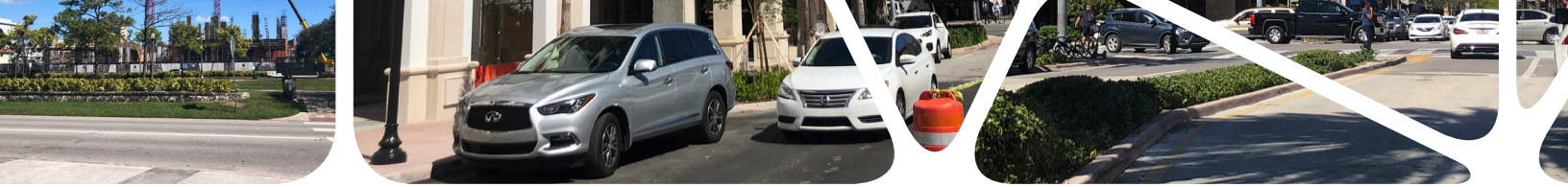
### **Kimley-Horn**

355 Alhambra Circle, Suite 1400  
Coral Gables, FL 33134  
305.673.2025

### **Contact:**

John McWilliams, P.E.  
[John.McWilliams@kimley-horn.com](mailto:John.McWilliams@kimley-horn.com)

**November 5, 2018**



# Traffic Impact Study Consulting Services; RFQ 2018-017

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# CITY OF CORAL GABLES, FL

2800 SW 72<sup>nd</sup> Avenue, Miami, FL 33155  
Finance Department / Procurement Division  
Tel: 305-460-5102 / Fax: 305-261-1601


## **PROPOSER'S ACKNOWLEDGEMENT**

<b>RFQ Title: Traffic Impact Study Consulting Services</b>	<b>Sealed response submittals must be received prior to 2:00 p.m., Monday, November 5, 2018,</b> by the Procurement Office, located at 2800 SW 72 <sup>nd</sup> Avenue, Miami, FL 33155 and are to remain valid for 120 calendar days. Submittals received after the specified date and time will be returned unopened.
<b>RFQ No. 2018-017</b>	
A cone of silence is in effect with respect to this RFQ. The Cone of Silence prohibits certain communication between potential vendors and the City. For further information, please refer to the City Code Section 2-1059 of the City of Coral Gables Procurement Code.	Contact: Yusbel Gonzalez / Letrice Smith Title: Procurement Specialist Telephone: 305-460-5107 / 305-460-5121 Email: <a href="mailto:ygonzalez@coralgables.com">ygonzalez@coralgables.com</a> / <a href="mailto:contracts@coralgables.com">contracts@coralgables.com</a>

Proposer's Name: Kimley-Horn and Associates, Inc.	FEIN or SS Number: 56-0885615
Complete Mailing Address: 355 Alhambra Circle, Suite 1400 Coral Gables, FL 33134	Telephone No.: 305.673.2025
	Cellular No.: 954.873.9407
Indicate type of organization below: Corporation: <input checked="" type="checkbox"/> Partnership: <input type="checkbox"/> Individual: <input type="checkbox"/> Other: <input type="checkbox"/>	Fax No.: 561.863.8175
Bid Bond / Security Bond (if applicable) <u>N/A</u> %	Email: John.McWilliams@kimley-horn.com

**ATTENTION: THIS FORM ALONG WITH ALL REQUIRED RFQ FORMS MUST BE COMPLETED, SIGNED (PERFERABLY IN BLUE INK), AND SUBMITTED WITH THE RESPONSE PRIOR TO THE SUBMITTAL DEADLINE. FAILURE TO DO SO MAY DEEM PROPOSER AS NON-RESPONSIVE.**

THE PROPOSER CERTIFIES THAT THIS SUBMITTAL IS BASED UPON ALL CONDITIONS AS LISTED IN THE RFQ DOCUMENTS AND THAT THE PROPOSER HAS MADE NO CHANGES IN THE RFQ DOCUMENT AS RECEIVED. THE PROPOSER FURTHER AGREES IF THE RESPONSE IS ACCEPTED, THE PROPOSER WILL EXECUTE AN APPROPRIATE AGREEMENT FOR THE PURPOSE OF ESTABLISHING A FORMAL CONTRACTUAL RELATIONSHIP BETWEEN THE PROPOSER AND THE CITY OF CORAL GABLES FOR THE PERFORMANCE OF ALL REQUIREMENTS TO WHICH THIS RFQ PERTAINS. FURTHER, BY SIGNING BELOW PREFERABLY IN **BLUE INK**, ALL RFQ PAGES ARE ACKNOWLEDGED AND ACCEPTED AS WELL AS ANY SPECIAL INSTRUCTION SHEET(S) IF APPLICABLE. THE UNDERSIGNED HEREBY DECLARES (OR CERTIFIES) ACKNOWLEDGEMENT OF THESE REQUIREMENTS AND THAT HE/SHE IS AUTHORIZED TO BIND PERFORMANCE OF THIS RFQ FOR THE ABOVE PROPOSER.

 _____ Authorized Name and Signature	John McWilliams, P.E. _____ Title	Vice President _____ Date
---	---	---------------------------------



## Traffic Impact Study Consulting Services; RFQ 2018-017

### RFQ Conditions

**5 Indemnify, Defend and Hold Harmless & Insurance Requirements.** This section is not consistent with Florida Statute 725.08 and is therefore at significant risk of being voided altogether as noted in 725.08(2). Further, the indemnification provisions as currently written are not insurable with professional liability insurance by any engineer's insurance company. We respectfully request the City to replace this Section with indemnification that complies with 725.08 to ensure it has indemnification protection.

### PSA Conditions

**1.4 Background Investigation.** We request "All employees" be changed to "employees working on the project". Depending on what is involved in the "annual background investigation," this may also require express consent of employees under state law. We recommend this section be deleted or limited as noted above.

**1.5 Polygraph Examination.** The Employee Polygraph Protection Act, 29 United States Code 2001-2009, essentially prohibits employers from giving polygraph tests, with very few exceptions (for example, security firms for employees carrying guns). We respectfully request deletion. No employer can lawfully comply with this term.

**1.6 Medical, Drug Screening and Check Ups.** Employers cannot require "medical screenings or tests." These would violate both HIPAA and the Americans with Disabilities Act. Drug screening is allowable if limited to employees working on the project and is in accordance with Florida law. We respectfully request removing all reference to medical screens and limiting drug screens to those working on the project and as allowed by state law.

**1.7 Drug Testing.** This should be limited to employees of Professional working on the project and as allowed by state law.

**1.8 Driver's License.** Employers cannot require that all employees have a driver's license. This would violate ADA and possibly Title VII (disparate impact on minorities) except for positions where driving is an essential part of the job. We respectfully request limiting the requirement to "anyone driving in the scope of their employment with Professional must have a valid driver's license."

**1.9 Confidential Information.** We respectfully request this clause be modified to account for Professional's requirements under the Florida Sunshine Law. If we get such requests for information, we must comply.

**4.5 Indemnification and Hold Harmless.** This section is not consistent with Florida Statute 725.08 and is therefore at significant risk of being voided altogether as noted in 725.08(2). Further, the indemnification provisions as currently written are not insurable with professional liability insurance by any engineer's insurance company. We respectfully request the City to replace this Section with indemnification that complies with 725.08 to ensure it has indemnification protection.

**9.1 Conflict of Interest.** We respectfully request this section be replaced with the following: "The Professional represents that it does not have any potential or actual conflicts of interest between private interests and responsibilities under this Agreement. Any such potential or actual conflicts shall be immediately disclosed to the City. Upon request of the Professional, and full disclosure of the nature and extent of the potential or actual conflict, the City Manager or his designee shall have the authority to authorize such representation during the term of this Agreement."



# **SOLICITATION SUBMISSION CHECKLIST**

## **Request for Qualifications (RFQ) No. 2018-017**

COMPANY NAME: (Please Print): Kimley-Horn and Associates, Inc.

Phone: 305.673.2025

Email: John.McWilliams@kimley-horn.com

**Please provide the PAGE NUMBER in the blanks provided as to where compliance information is located in your Submittal for each of the required submittal items listed below:**

### **SUBMITTAL - SECTION I: TITLE PAGE, TABLE OF CONTENTS, REQUIRED FORMS, AND MINIMUM QUALIFICATION REQUIREMENTS.**

- 1) Title Page: Show the RFQ number and title, the name of your firm, address, telephone number, name of contact person, e-mail address, and date. **PAGE #** 2
- 2) Provide a Table of Contents in accordance with and in the same order as the respective "Sections" listed below. Clearly identify the material by section and page number. **PAGE #** 3
- 3) Fill out, sign, and submit the Proposer's Acknowledgement Form. **PAGE #** 4
- 4) Fill out and submit the Solicitation Submission Check List. **PAGE #** 6
- 5) Fill out, sign, notarize (as applicable), and submit the Proposer's Affidavit and Schedules A through H. **PAGE #** 9
- 6) Fill out, sign, and submit Standard Form 330, Architect-Engineer Qualifications. No response will be considered without this required form. Note: a separate Standard Form 330 is not required of each Sub-Consultant. The Proposer is responsible for filling out this form and including the sub-consultant information in the corresponding areas. **PAGE #** 20
- 7) Minimum Qualification Requirements: submit detailed verifiable information affirmatively documenting compliance with the Minimum Qualifications Requirements shown in Section 3. **PAGE #** 50
- 8) Indicate whether the Proposer is a State of Florida and/or County Certified Small Business or Minority Business Enterprise. If so, indicate the certifying organization or jurisdiction and include a copy of the certification with your submittal. **PAGE #** 51

### **SUBMITTAL - SECTION II: EXPERIENCE AND QUALIFICATIONS**

#### **(i) FOR PROPOSER:**

- 1) Provide a complete history and description of your company, including, but not limited to: the number of years in business, size, number of employees, office location where work is to be performed, copy of applicable licenses/certifications, credentials, capabilities and capacity to effectively meet the City's needs. **PAGE #** 52
- 2) Describe in detail Proposer's relevant experience and proven track record of providing the scope of services as identified in this solicitation to public sector agencies. **PAGE #** 57
- 3) Describe in detail the Proposer's ability and expertise in working with other disciplines, including coordination with other professionals and sub-consultants designated by the City. **PAGE #** 60
- 4) Describe Proposer's ability to successfully deliver similar projects that have significant community and business involvement. **PAGE #** 61

#### **(ii) FOR KEY PERSONNEL:**

- 1) *Utilizing Standard Form SF330, Part I – Section E.*, provide a summary of qualifications, copy of applicable licenses/certifications, and experience, relevant to the scope of work, for all proposed key personnel (including sub-consultants). Include resumes (listing experience, education, licenses/certifications) for your proposed key personnel and specify the role and responsibilities of each

team member in providing the services outlined in the RFQ. Provide an organizational chart of all key personnel that will be used. **PAGE #** 62

### **SUBMITTAL – SECTION III: PROJECT UNDERSTANDING, PROPOSED APPROACH, AND METHODOLOGY**

- 1) Describe in detail Proposer's approach and methodology to perform the services solicited herein. Include detailed information, as applicable, which addresses, but need not be limited to: Proposer's understanding of the RFQ scope and requirements, strategies for assuring assigned work is completed on time, innovative interaction and communication with the community, City staff, and multiple stakeholders. **PAGE #** 67
- 2) Provide the recent, current, and projected workload of the Proposer and key personnel that will be assigned to the City. Explain how this potential contract will fit into the Proposer's workload. **PAGE #** 76

The detailed list should include at a minimum the following:

- a. The company/agency
  - b. Dates of services
  - c. Name/Contract # of the project
  - d. Scope
- 3) Describe the Proposer's schedule controls, cost controls, and quality controls for the services requested herein. Provide specific examples of similar engagements that the Proposer has successfully undertaken with other public entities that were completed on-time and within budget. **PAGE #** 77

### **SUBMITTAL – SECTION IV: PAST PERFORMANCE AND REFERENCES**

- 1) *Utilizing Standard Form SF330, Part I – Section F*, provide detailed information on five (5) of the Proposer's most recent and relevant projects similar in scope and nature to the services described in the solicitation. Under sub-section 23 – "Project Owner's Information" of Standard Form SF330, include an e-mail address for the "Point of Contact". **Note: Do not include work/services performed for the City of Coral Gables or City employees as references.** **PAGE #** 79
- 2) List all contracts which the Proposer has performed (past and present) for the City of Coral Gables. The City will review all contracts the Proposer has performed for the City in accordance with Section 4.9 Evaluation of Responses (c) (4) which states the City may consider "Proposer's unsatisfactory performance record, judged from the standpoint of conduct of work, workmanship, progress or standards of performance agreed upon in the Contract as substantiated by past or current work with the City". **PAGE#** 79

As such the Proposer must list and describe all work performed for Coral Gables and include for each project:

- a. Name of the City Department for which the services are being performed,
  - b. Scope/description of work,
  - c. Awarded value of the contract/current value
  - d. Effective dates and term of the contract
  - e. City project manager's name and phone number,
  - f. Statement of whether the Proposer was the prime contractor or subcontractor, and
  - g. Results of the project.
- 3) Provide a list with contact information of public sector clients, if any, that have discontinued use of Proposer's services within the past two (2) years and indicate the reasons for the same. The City reserves the right to contact any reference as part of the evaluation process. **PAGE #** 79
  - 4) Please identify each incident within the last five (5) years where (a) a civil, criminal, administrative, other similar proceeding was filed or is pending, if such proceeding arises from or is a dispute concerning the Proposer's rights, remedies or duties under a contract for the same or similar type services to be provided under this RFP (See *Affidavit D*). **PAGE #** 79



**-- NOTICE --**

**BEFORE SUBMITTING YOUR RFQ RESPONSE MAKE SURE YOU:**

- ☒ 1. Carefully read and have a clear understanding of the RFQ, including the Scope of Services and enclosed Professional Services Agreement (*draft*).
- ☒ 2. Carefully follow the Submission Requirements outlined in Section 6 of the RFQ.
- ☒ 3. Prepare and submit ONE ORIGINAL RESPONSE and SEVEN (7) PHOTOCOPIES with ONE (1) digital copy on a CD or flash drive.
- ☒ 4. Clearly mark the following on the outside of your submittal package: RFQ Number, RFQ Title, Proposer's Name and Return Address, Submittal Deadline.
- ☒ 5. Make sure your Response is submitted prior to the submittal deadline. **Late responses will not be accepted.**

**FAILURE TO SUBMIT THIS CHECKLIST AND THE REQUESTED DOCUMENTATION MAY RENDER YOUR RESPONSE SUBMITTAL NON-RESPONSIVE AND CONSTITUTE GROUNDS FOR REJECTION. THIS PAGE IS TO BE RETURNED WITH YOUR RESPONSE PACKAGE.**

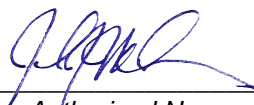
## **PROPOSER'S AFFIDAVIT**

**SUBMITTED TO:** City of Coral Gables  
Procurement Division  
2800 SW 72 Avenue  
Miami, Florida 33155

The undersigned acknowledges and understands the information contained in response to this RFQ Schedules A through H shall be relied upon by Owner awarding the contract and such information is warranted by proposer to be true and correct. The discovery of any omission or misstatements that materially affects the Firm to perform under the contract shall be cause for the City to reject the solicitation submittal, and if necessary, terminate the award and/or contract. I further certify that the undersigned name(s) and official signatures of those persons are authorized as (*Owner, Partner, Officer, Representative or Agent of the Firm that has submitted the attached Response*). Schedules A through H are subject to Local, State and Federal laws (as applicable); both criminal and civil.

- SCHEDULE A – CERTIFICATE OF PROPOSER
- SCHEDULE B – NON-COLLUSION AND CONTINGENT FEE AFFIDAVIT
- SCHEDULE C – DRUG-FREE STATEMENT
- SCHEDULE D – PROPOSER'S QUALIFICATION STATEMENT
- SCHEDULE E – CODE OF ETHICS, CONFLICT OF INTEREST, AND CODE OF SILENCE
- SCHEDULE F – AMERICANS WITH DISABILITIES ACT (ADA)
- SCHEDULE G – PUBLIC ENTITY CRIMES
- SCHEDULE H – ACKNOWLEDGEMENT OF ADDENDA

This affidavit is to be furnished to the City of Coral Gables with its RFQ response. It is to be filled in, executed by the Firm and notarized. If the Response is made by a Corporation, then it should be executed by its Chief Officer. This document MUST be submitted with the Response.

 _____ <i>Authorized Name and Signature</i>	John McWilliams, P.E. _____ <i>Title</i>	Vice President _____ <i>Date</i>
		11/1/2018



STATE OF Florida

COUNTY OF Orange

On this 1st day of November, 2018, before me the undersigned Notary Public of  
the State of FL, personally appeared John McWilliams, P.E., Vice President  
(Name(s) of individual(s) who appeared before Notary

And whose name(s) is/are subscribes to within the instrument(s), and acknowledges it's  
execution.

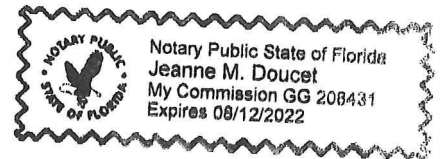
Jeanne M. Doucet  
NOTARY PUBLIC, STATE OF Florida

Jeanne M. Doucet  
(Name of notary Public; Print, Stamp or  
Type as Commissioned.)

Personally know to me, or Produced  
Identification:

\_\_\_\_\_  
(Type of Identification Produced)

NOTARY PUBLIC  
SEAL OF OFFICE:



**SCHEDULE "A" - CITY OF CORAL GABLES - CERTIFICATE OF PROPOSER**

Neither I, nor the firm, hereby represent has:

- a. employed or retained for a commission, percentage brokerage, contingent fee, or other consideration, any firm or person (other than a bona fide employee working solely for me or the Proposer) to solicit or secure this contract.
- b. agreed, as an express or implied condition for obtaining this contract, to employ or retain the services of any firm or person in connection with carrying out the contract, or
- c. paid, or agreed to pay, to any firm, organization or person (other than a bona fide employee working solely for me or the Proposer) any fee, contribution, donation or consideration of any kind for, or in connection with, procuring or carrying out the contract except as here expressly stated (if any):

**SCHEDULE "B" - CITY OF CORAL GABLES - NON-COLLUSION AND CONTINGENT FEE AFFIDAVIT**

1. He/she is the Vice President  
(Owner, Partner, Officer, Representative or Agent)

of the Proposer that has submitted the attached Response.

2. He/she is fully informed with respect to the preparation and contents of the attached Response and of all pertinent circumstances respecting such Response;
3. Said Response is made without any connection or common interest in the profits with any other persons making any Response to this solicitation. Said Response is on our part in all respects fair and without collusion or fraud. No head of any department, any employee or any officer of the City of Coral Gables is directly or indirectly interested therein. If any relatives of Proposer's officers or employees are employed by the City, indicate name and relationship below.

Name: N/A Relationship:

Name: N/A Relationship:

4. No lobbyist or other Proposer is to be paid on a contingent or percentage fee basis in connection with the award of this Contract.



### **SCHEDULE "C" CITY OF CORAL GABLES - VENDOR DRUG-FREE STATEMENT**

Preference may be given to vendors submitting a certification with their bid/proposal certifying they have a drug-free workplace in accordance with Section 287.087, Florida Statutes. This requirement affects all public entities of the State and becomes effective January 1, 1991. The special condition is as follows:

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

The Firm submitting this solicitation has established a Drug Free work place program in accordance with State Statute 287.087.

**SCHEDULE "D" CITY OF CORAL GABLES – PROPOSER'S QUALIFICATION STATEMENT**

The undersigned declares the truth and correctness of all statements and all answers to questions made hereinafter:

Company Name: Kimley-Horn and Associates, Inc.

Address: 355 Alhambra Circle, Suite 1400, Coral Gables, FL 33134  
Street City State Zip Code

Telephone No: (305)673 2025 Fax No: (561)863 8175 Email: John.McWilliams@kimley-horn.com

How many years has your organization been in business under its present name? 51 Years

If Proposer is operating under Fictitious Name, submit evidence of compliance with Florida Fictitious Name Statue:

N/A

Under what former names has your business operated? : None

At what address was that business located? N/A

Are You Certified? Yes **X** No \_\_\_\_\_ If Yes, **ATTACH COPY** of Certification.  
Are You Licensed? Yes **X** No \_\_\_\_\_ If Yes, **ATTACH COPY** of License

Has your company or its senior officers ever declared bankruptcy?

Yes \_\_\_\_\_ No **X** If yes, explain: \_\_\_\_\_

Please identify each incident within the last five (5) years where (a) a civil, criminal, administrative, other similar proceeding was filed or is pending, if such proceeding arises from or is a dispute concerning the Proposer's rights, remedies or duties under a contract for the same or similar type services to be provided under this RFP:

See attached.

Have you ever been debarred or suspended from doing business with any government entity?

Yes \_\_\_\_ No **X** If Yes, explain \_\_\_\_\_



## Corporate Certification

### *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>



# Traffic Impact Study Consulting Services; RFQ 2018-017

## 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

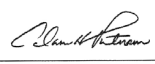
ISSUED: 11/06/2017      DISPLAY AS REQUIRED BY LAW      SEQ # L1711060001566

 **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.





## Traffic Impact Study Consulting Services; RFQ 2018-017

### Litigation Attachment

Kimley-Horn and its subsidiaries have provided services in all fifty 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. It is not practical to provide a complete list as part of this proposal. 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. Kimley-Horn has had no criminal or administrative proceeding filed against the company. 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.

Kimley-Horn has no pending or filed litigation cases in Florida in the last five years related to the services requested in the Request for Qualifications.

**SCHEDULE "E" CITY OF CORAL GABLES – CODE OF ETHICS, CONFLICT OF INTEREST, AND CONE OF SILENCE**

THESE SECTIONS OF THE CITY CODE CAN BE FOUND ON THE CITY'S WEBSITE, UNDER GOVERNMENT, CITY DEPARTMENT, PROCUREMENT, PROCUREMENT CODE (CITY CODE CHAPTER 2 ARTICLE VIII); SEC 2-1023; SEC 2-606; AND SEC 2-1027, RESPECTIVELY.

IT IS HEREBY ACKNOWLEDGED THAT THE ABOVE NOTED SECTIONS OF THE CITY OF CORAL GABLES CITY CODE ARE TO BE ADHERED TO PURSUANT TO THIS SOLICITATION.

**SCHEDULE "F" CITY OF CORAL GABLES - AMERICANS WITH DISABILITIES ACT (ADA) DISABILITY NONDISCRIMINATION STATEMENT**

I understand that the named firm, corporation or organization is in compliance with and agreed to continue to comply with, and assure that any sub-contractor, or third party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and service, transportation, communications, access to facilities, renovations, and new construction.

The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 U.S.C. 12101,12213 and 47 U.S.C. Sections 225 and 661 including Title I, Employment; Title 11, Public Services; Title III, Public Accommodations and Services Operated by Private Entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.

The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Sections 5553.501-553.513, Florida Statutes

The Rehabilitation Act of 1973, 229 U.S.C. Section 794

The Federal Transit Act, as amended, 49 U.S.C. Section 1612

The Fair Housing Act as amended, 42 U.S.C. Section 3601- 3631

**SCHEDULE "G" CITY OF CORAL GABLES STATEMENT PURSUANT TO SECTION 287.133 (3) (a), FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES**

1. I understand that a "public entity crime" as define in Paragraph 287.133(1)(g), **Florida Statutes**, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any Proposal or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
2. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), **Florida Statutes**, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

3. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime; or 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

4. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which Proposals or applies to Proposal on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

5. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. **[indicate which statement applies.]**

☒ Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

☐ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

☐ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list.

**[attach a copy of the final order]**

**I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.**

**SCHEDULE "H" CITY OF CORAL GABLES - ACKNOWLEDGEMENT OF ADDENDA**

1. The undersigned agrees, if this RFQ is accepted, to enter in a Contract with the CITY to perform and furnish all work as specified or indicated in the RFQ and Contract Documents within the Contract time indicated in the RFQ and in accordance with the other terms and conditions of the solicitation and contract documents.
2. Acknowledgement is hereby made of the following Addenda, if any (identified by number) received since issuance of the Request for Qualifications.

Addendum No. 1 Date 10/11/18

Addendum No.          Date                 

Addendum No. 2 Date 10/17/18

Addendum No.          Date                 

Addendum No.          Date                 

Addendum No.          Date                 

Addendum No.          Date                 

Addendum No.          Date



# ARCHITECT – ENGINEER QUALIFICATIONS

## PART I – CONTRACT SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*

Coral Gables Traffic Impact Study Consulting

2. PUBLIC NOTICE DATE

November 5, 20118

3. SOLICITATION OR PROJECT NUMBER

2018-017

### B. ARCHITECT - ENGINEER POINT OF CONTACT

4. NAME AND TITLE

John J. McWilliams, Project Manager/Vice President

5. NAME OF FIRM

Kimley-Horn and Associates, Inc.

6. TELEPHONE NUMBER

954.535.5100

7. FAX NUMBER

561.863.8175

8. E-MAIL ADDRESS

John.McWilliams@kimley-horn.com

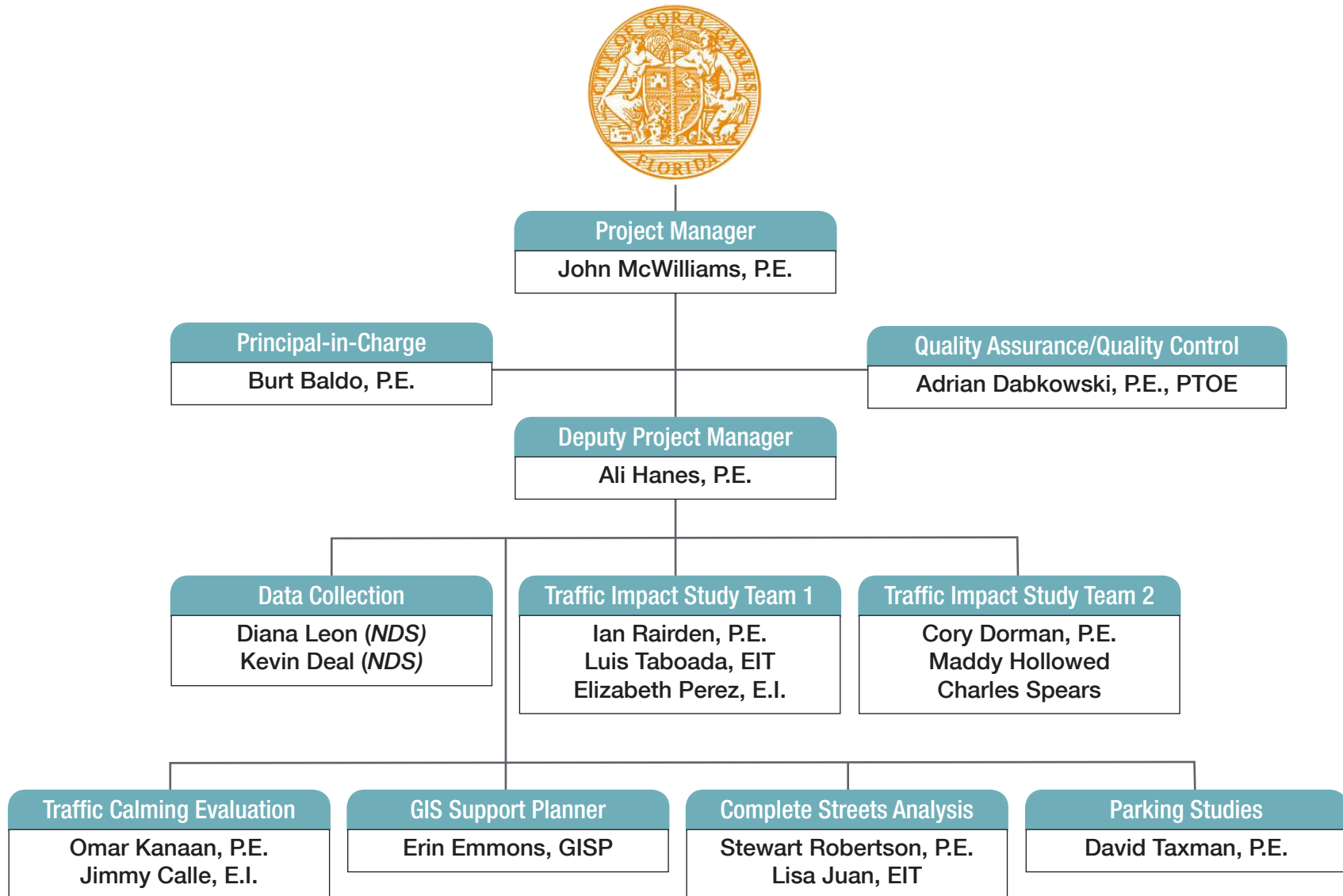
### C. PROPOSED TEAM

*(Complete this section for the prime contractor and all key subcontractors.)*

	<i>(Check)</i>			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCON-TRACTOR			
a.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc.  <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	355 Alhambra Circle, Suite 1400 Coral Gables, FL 33134	Traffic Impact Consulting Services
b.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc.  <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	600 North Pine Island Road Suite 450 Plantation, FL 33324	Traffic Impact Consulting Services
c.			<input checked="" type="checkbox"/>	National Data & Surveying Services  <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	7493 NW 4 <sup>th</sup> Street Plantation, FL 33317	Data Collection
d.				  <input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.				  CHECK IF BRANCH OFFICE		
f.				  CHECK IF BRANCH OFFICE		

### D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☒ *(Attached)*



# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>John J. McWilliams, P.E.</b>	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 20	b. WITH CURRENT FIRM 18
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL			
16. EDUCATION (Degree and Specialization) Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) FL / Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Institute of Transportation Engineers (ITE)			

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Traffic Impact Studies, Miami-Dade County, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>a. Project manager for over 400 traffic impact studies within various municipalities and unincorporated Miami-Dade County. Projects include residential, commercial, and mixed-use developments. Tasks include data collection, trip generation, trip distribution and assignment, segment/intersection capacity analysis, multimodal corridor analysis, development of mitigation measures/demand management plans, and agency coordination. Notable projects include Miami Worldcenter, Design District Special Area Plan (SAP), Baptist Hospital Comprehensive Cancer Center, Brickell City Centre, Miami Midtown District, 44 Zamora Avenue, 1505 Ponce De Leon Boulevard, Plaza Coral Gables, 33 Alhambra Circle, Columbus Center, Life Fitness, Tap 42 Restaurant, and Gables Ponce Phase III.</p>		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Traffic Engineering Services, Aventura, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>b. Project manager providing general traffic engineering and transportation planning services to City staff. Primary assignments include peer review of traffic impact and parking studies, site plan review, representation at public hearings, and signalization design. Additional assignments include the comprehensive study of various proposed infrastructure modifications, including Aventura Mall access and circulation, William Lehman Causeway interchange justification, US 1 median closures, and the extension of Miami Gardens Drive (east of US 1/Biscayne Boulevard). Project cost: \$100,000</p>		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Plaza Coral Gables, Coral Gables, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>c. Project engineer. Kimley-Horn is providing traffic engineering and parking consulting services to Agave Holdings for the Plaza Coral Gables project. Plaza Coral Gables is a multi-block mixed-use project comprised of a five-star hotel, Class A office space, high-end retail, residential units, restaurants, public open space, and parks. The design combines individual parcels with a variety of uses and public amenities, maintaining a pedestrian flow that encourages walkability, including a colonnade, shade trees, and lighting. Plaza Coral Gables will also pursue LEED for Neighborhood Development certification. Project cost: \$400 million</p>		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Pompano Transportation Engineering Services, Pompano Beach, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>d. Project engineer. The City of Pompano Beach CRA selected Kimley-Horn to provide transportation support services for the City of Pompano Beach and the Community Redevelopment Agency (CRA). Initial traffic engineering/transportation planning assignment including traffic engineering analysis support for a City-initiated land use plan amendment along the Atlantic Boulevard corridor to allow for residential/mixed-use density and improve walkability/connectivity. Duties included corridor operations analysis, transportation systems management/geometric improvements, neighborhood protection and enhancement plans, and community outreach/workshops solely focused on transportation issues. Based upon the successful approval of the amendment, Kimley-Horn now performs traffic impact study reviews for new projects within the amendment area. methodology development/coordination, analysis review, interdepartmental coordination, site plan review including parking garage/loading area maneuverability analysis. Project cost: \$90,000</p>		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Village Transportation Master Plan, Pinecrest, FL</b>	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>e. Project manager for the development of a Village-wide transportation master plan. Project includes the identification, development, and conceptual design of improvements along corridors and intersections focusing on traffic operations, traffic calming, and multi-modal enhancements. Tasks include operational analysis, future traffic forecasting, improvement design, public outreach and cost estimating. Project cost: \$100,000</p>		

# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>Ali N. Hanes, P.E.</b>	13. ROLE IN THIS CONTRACT Deputy Project Manager	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 10</td> <td>b. WITH CURRENT FIRM 10</td> </tr> </table>		a. TOTAL 10	b. WITH CURRENT FIRM 10
a. TOTAL 10	b. WITH CURRENT FIRM 10				
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL					
16. EDUCATION (Degree and Specialization) Master of Engineering / Civil Engineering Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) FL / Professional Engineer			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Institute of Transportation Engineers (ITE), Women's Transportation Seminar (WTS)					

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Traffic Impact Studies, Miami-Dade County, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Project engineer for over 100 traffic impact studies within various municipalities and unincorporated Miami-Dade County. Projects include residential, commercial, and mixed-use developments. Tasks include data collection, trip generation, trip distribution and assignment, segment/intersection capacity analysis, multimodal corridor analysis, development of mitigation measures/demand management plans, and agency coordination. Notable projects include Miami Worldcenter, Mediterranean Village/Plaza Coral Gables, Grove Central Station, Design District Special Area Plan (SAP), Miami Downtown DRI Increment III, Gables Ponce III, Columbus Circle, 33 Alhambra, 4015 Laguna/The Henry, and 1505 Ponce.	[X] Check if project performed with current firm	
b. (1) TITLE AND LOCATION (City and State) <b>Traffic Engineering Services Contract, Aventura, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Unknown
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Project engineer. Kimley-Horn is currently providing general traffic engineering and transportation planning services to City staff as a subconsultant to another firm. Team duties include peer review of traffic impact and parking studies, site plan review, representation at public hearings, and signal design. Additional duties include comprehensive study of various proposed infrastructure modifications, including Aventura Mall access and circulation, William Lehman Causeway interchange justification, US 1 median closure, extension of Miami Gardens Drive (east of US 1/Biscayne Boulevard) and evaluation of potential railroad crossings. Project cost: \$100,000	[X] Check if project performed with current firm	
c. (1) TITLE AND LOCATION (City and State) <b>General On-Call Traffic Engineering Services, Fort Lauderdale, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Project Engineer. Kimley-Horn is providing 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. Duties to date have included peer review of traffic impact and parking studies, site plan review, and representation at public hearings. Additional projects have included development of a corridor study to support lane reductions along SR A1A and development of a Greenways Plan to complement multimodal transportation options within the corridor. Project cost: \$400,000	[X] Check if project performed with current firm	
d. (1) TITLE AND LOCATION (City and State) <b>44 Zamora Residential Development, Coral Gables, FL</b>	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) Planned
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Project engineer. Kimley-Horn was retained to assess the impacts of a proposed 91-unit mid-rise residential development on the southeast corner of Zamora Avenue and Galiano Street in the City of Coral Gables, Florida. The traffic impact study included examining the impact of the project's trip generation on intersections within the vicinity of the project; observing school traffic for the adjacent school to determine if the proposed development would create adverse impacts to the school's operations; and analyzing the multimodal level of service (bicycle, pedestrian, and transit modes) for roadways within the vicinity of the site. Project cost: \$18,500	[X] Check if project performed with current firm	
e. (1) TITLE AND LOCATION (City and State) <b>Plaza Coral Gables, Coral Gables, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Project engineer. Kimley-Horn is providing traffic engineering and parking consulting services to Agave Holdings for the Plaza Coral Gables project. Plaza Coral Gables is a multi-block mixed-use project comprised of a five-star hotel, Class A office space, high-end retail, residential units, restaurants, public open space, and parks. The design combines individual parcels with a variety of uses and public amenities, maintaining a pedestrian flow that encourages walkability, including a colonnade, shade trees, and lighting. Plaza Coral Gables will also pursue LEED for Neighborhood Development certification. Project cost: \$400 million	[X] Check if project performed with current firm	

# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>Burt L. Baldo, P.E.</b>	13. ROLE IN THIS CONTRACT Principal-in-Charge	14. YEARS EXPERIENCE	
		a. TOTAL 25	b. WITH CURRENT FIRM 19
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Coral Gables, FL			
16. EDUCATION (Degree and Specialization) Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) FL / Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) FDOT Advanced Traffic Control Certification, American Society of Civil Engineers (ASCE), American Society of Highway Engineers			

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Multimodal Transportation Planning and Engineering Consulting Services, Coral Gables, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		
<p><b>a.</b> Project manager. Kimley-Horn was selected for the Multimodal Transportation Planning and Engineering Consulting Services which was awarded in May 2018. Contract scope includes multimodal level of service analysis; context sensitive design and sustainable solutions; design of complete streets/road diet projects; design exceptions/variations/lane width reductions; and innovative traffic calming alternatives in residential neighborhoods. Current task order duties include peer review of traffic impact studies and design of bicycle lanes and traffic calming improvements for Alhambra Circle.</p>		
<p><b>b.</b> Project manager responsible for the professional services for new construction of SW 137th Avenue from US1 to SW 200th Street adjacent to farmland. The project included a 4-lane divided road with bike lanes and separate shared use paths on both sides of the road. The project included extensive public involvement and right-of-way acquisition. We developed an alignment to minimize right-of-way acquisition. Consideration was given to the proposed use of the new roadway by farming equipment, equestrian usage and large trucks. Kimley-Horn also provided the traffic study for this project. Project cost: \$44,700</p>		
<p><b>c.</b> Project manager for traffic operational analyses that were performed for Miami-Dade County Public Works Department as part of the short-term traffic solutions effort for the County's list of congested intersections. During the last quarter of 2005, the County issued a list of 25 intersections and suggested modifications to those intersections. Toward the end of the year, the County assigned nine of the intersections to Kimley-Horn that were within FDOT right-of-way. The County asked that we perform traffic analyses and confirm the suggested modifications within a month (a very accelerated schedule). We completed the task in January 2006 and held meetings with FDOT, who approved the concepts. We later worked on the design of several of these intersections. These improvements required extensive field investigation and coordination with the County and other agencies. Improvements varied from simple signing and markings improvements to intense design involving changes in alignment and drainage issues.</p>		
<p><b>d.</b> Project manager for the new construction and widening of Mowry Drive (SW 320th Street) from SW 157th Avenue to SW 152nd Avenue. The existing roadway consisted of a one-lane paved road adjacent to wetlands and farmlands, and was proposed to be converted to a four-lane divided urban section with bike lanes on both sides to serve a new school. The project included design and preparation of roadway, drainage, signing and marking, lighting, water main extension, landscaping and irrigation plans. As part of the project, environmental and drainage permits were obtained from SFWMD, RER and USACE four months from NTP to be able to open the road before school opening. The project also included preparation of bid documents and construction supervision. Total project cost: \$1.7 million</p>		
<p><b>e.</b> Project manager responsible for the quality control of vertical and horizontal alignments, drainage design, signing and pavement markings, and signalization plans for this corridor. The project included the reconstruction/widening of NE 2nd Avenue from NE 94th Street to NE 103rd Street and areas of roadway milling and resurfacing at the beginning and end of the project. The project also included a joint participation agreement with the Village of Miami Shores in which streetscape and landscape improvements were designed with the Village, who funded these improvements. Project cost: \$6 million</p>		



# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>Adrian K. Dabkowski, P.E., PTOE</b>	13. ROLE IN THIS CONTRACT Quality Assurance/Quality Control	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 16</td> <td>b. WITH CURRENT FIRM 13</td> </tr> </table>		a. TOTAL 16	b. WITH CURRENT FIRM 13
a. TOTAL 16	b. WITH CURRENT FIRM 13				
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL					
16. EDUCATION (Degree and Specialization) Master of Civil Engineering / Transportation Engineering Master of Business Administration / Marketing Bachelor of Science / Civil Engineering Technology		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) LA / Professional Engineer US / Pro Traffic Ops Engineer FL / Professional Engineer			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Proficient in AutoCAD, Highway Capacity Software (HCS), Synchro, VISSIM, ArcGISART-PLAN, HIGH-PLAN, FREE-PLAN, and StreetEVAL, Institute of Transportation Engineers (ITE)					

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) <b>Traffic Impact Studies, Miami-Dade County, FL</b>	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES Ongoing</td> <td>CONSTRUCTION (If applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>a.</b> Project engineer for over 200 traffic impact studies within various municipalities and unincorporated Miami-Dade County. Projects include residential, commercial, and mixed-use developments. Tasks include data collection, trip generation, trip distribution and assignment, segment/intersection capacity analysis, multimodal corridor analysis, development of mitigation measures/demand management plans, and agency coordination. Notable projects include Brickell City Centre, Brightline Miami Station, Faena District, Miami Worldcenter, and Mana Wynwood.				
(1) TITLE AND LOCATION (City and State) <b>City of Miami Transportation Program Support Services, Miami, FL</b>	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2015</td> <td>CONSTRUCTION (If applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) N/A			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>b.</b> Project manager for general traffic engineering and transportation planning services as part of an on-call contract with the City. Kimley-Horn served as an extension of the City of Miami staff preparing traffic operations analyses, transportation planning, traffic calming and complete streets improvements; transit planning and operations; geographic information system (GIS)/database management design of street; and parking analysis and design. Project cost: \$1.5 million				
(1) TITLE AND LOCATION (City and State) <b>General On-Call Traffic Engineering Services, Fort Lauderdale, FL</b>	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES Ongoing</td> <td>CONSTRUCTION (If applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>c.</b> Project engineer for general traffic engineering and transportation planning services as part of an on-call contract with the City. Kimley-Horn serves as an extension of the City of Fort Lauderdale staff reviewing traffic impact studies and parking analyses. Projects to date have included peer review of traffic impact and parking studies, site plan review, and representation at public hearings. Additional projects have included development of a corridor study to support lane reductions along SR A1A and development of a Greenways Plan to complement multimodal transportation options within the corridor. Project cost: \$400,000				
(1) TITLE AND LOCATION (City and State) <b>All Aboard Florida – Miami Station, Miami, FL</b>	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2018</td> <td>CONSTRUCTION (If applicable) Ongoing</td> </tr> </table>		PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) Ongoing
PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) Ongoing			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>d.</b> Project manager for the Kimley-Horn team that is providing transportation engineering services for the proposed mixed-use transit oriented development that is generally bounded by NW 8th Street to the north, NW 2nd Street to the south, NW 2nd Avenue to the west, and NW 1st Avenue to the east in the City of Miami. The project consists of the All Aboard Florida train station that will serve as an intermodal hub, interconnecting with Metrorail and Metromover. The project also consists of three overbuilds on top of the station and two additional multi-use towers that will include office, retail, entertainment, and residential components. The project also includes the realignment of NW 1st Avenue. Project cost: \$205,000				
(1) TITLE AND LOCATION (City and State) <b>Mana Wynwood Special Area Plan, Miami, FL</b>	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES Ongoing</td> <td>CONSTRUCTION (If applicable) Ongoing</td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>e.</b> Project manager. Kimley-Horn prepared a Special Area Plan (SAP) traffic study and supporting documentation consistent with City of Miami 21 Zoning Code. This project is generally bounded by NE 42nd Street to the north, NE 38th Street to the south, NE 1st Avenue to the west, and the Florida East Coast Railroad to the east. The proposed development plan consists of 578,200 square feet of retail development and 30,000 square feet of restaurant development. In addition, it is being proposed to demolish 125,200 square feet of existing retail development. Therefore, the net increase associated with this SAP is 453,000 square feet of retail development and 30,000 square feet of restaurant development. Project cost: 114,400				

# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>Ian M. Rairden, P.E.</b>	13. ROLE IN THIS CONTRACT Traffic Impact Study Team 1 Engineer	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 14</td> <td>b. WITH CURRENT FIRM 14</td> </tr> </table>		a. TOTAL 14	b. WITH CURRENT FIRM 14
a. TOTAL 14	b. WITH CURRENT FIRM 14				
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL					
16. EDUCATION (Degree and Specialization) Master of Civil Engineering / Transportation Engineering Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) FL / Professional Engineer			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) 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)					

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Traffic Impact Studies, Miami-Dade County, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>a.</b> Project engineer for traffic impact studies within various municipalities and unincorporated Miami-Dade County. Projects include residential, commercial, and mixed-use developments. Tasks include data collection, trip generation, trip distribution and assignment, segment/intersection capacity analysis, multimodal corridor analysis, development of mitigation measures/demand management plans, and agency coordination. Notable projects include Sunnylea Commercial Development, Baywinds PUD, Shoppes of Highland, Homestead Commons, and Aldi at Florida City Center.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>Districtwide Traffic Operations 3R Safety Reviews, FDOT District Four</b>	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>b.</b> 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. Project cost: \$1.5 million	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>Districtwide Traffic Safety Studies, FDOT District Two</b>	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>c.</b> Project engineer for Kimley-Horn's current FDOT District Two Districtwide Traffic Safety Studies contract for which we have completed numerous assignments. The projects include performing studies and developing solutions to crash problems within District Two on state roads. Types of studies included signal warrant analyses, intersection studies, and arterial studies. Project cost: \$1.5 million	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>I-95 Corridorwide Planning for Operational Deficiencies, US 1 to Broward County Line, FDOT District Six</b>	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>d.</b> 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. Project cost: \$4.2 million	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>Miami River-Miami Intermodal Center Capacity Improvement (MR-MICCI), Miami, FL</b>	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) Planned
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>e.</b> 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. Project cost: \$753,000	<input checked="" type="checkbox"/> Check if project performed with current firm	

# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>Luis M. Taboada, EIT</b>	13. ROLE IN THIS CONTRACT Traffic Impact Study Team 1 Analyst	14. YEARS EXPERIENCE	
		a. TOTAL 6	b. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL			
16. EDUCATION (Degree and Specialization) Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) TN / Engineer-in-Training	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Software experience includes: Esri ArcGIS, Synchro and SimTraffic, VisSim, Highway Capacity Manual 2010/Highway Capacity software, AutoCAD, and MATLAB			

## 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
a.	<b>City of Miami Transportation Program Support Services, Miami, FL</b>	2015/Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst 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. Project cost: \$1.5 million		
b.	<b>Snapper Creek Neighborhood Traffic Plan, South Miami, FL</b>	2010	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst. Developed a traffic management plan that addressed issues impacting the livability of the residential Snapper Creek Neighborhood, including large volumes of cut-through traffic generated by nearby schools. The project included meetings with area stakeholders, a review of an earlier planning effort, data collection (including origin/destination surveys to quantify the magnitude of cut-through traffic), data analysis, development of a conceptual improvement plan, and coordination of improvements with Miami-Dade Public Works. A series of short-term and long-term traffic calming improvements were identified for implementation, including turn restrictions, entry features, and an impeller. Project cost: \$13,900		
c.	<b>Traffic Impact Studies, Miami-Dade County, FL</b>	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer for 30 traffic impact studies within various municipalities and unincorporated Miami-Dade County. Projects include residential, commercial, and mixed-use developments. Tasks include data collection, trip generation, trip distribution and assignment, segment/intersection capacity analysis, multimodal corridor analysis, development of mitigation measures/demand management plans, and agency coordination. Notable projects include Mana Wynwood Special Area Plan (SAP), Miami Free Zone, Miami Herald Site, Flamingo SOBE, Magic City Special Area Plan (SAP), and 44 Zamora Avenue.		
d.	<b>Prospect Road Lane Elimination Traffic Analysis, Oakland Park, FL</b>	2018	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst for an ongoing lane elimination analysis for Prospect Road from Powerline Road to Dixie Highway for the City of Oakland Park. The existing six lane divided roadway is proposed to be converted to a four-lane facility while repurposing the existing outside lanes for multimodal accommodations. Tasks included traffic data collection, future traffic growth analysis, capacity analyses, traffic diversion analysis, and report documentation. Project cost: \$18,900		
e.	<b>Districtwide Intermodal Systems Planning (ISP) Contract, FDOT District Six</b>	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst 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. Project cost: \$1 million		

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Elizabeth Perez, E.I.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Traffic Impact Study Team 1 Analyst</b>	<b>14. YEARS EXPERIENCE</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">a. TOTAL <b>1</b></td> <td style="width: 50%; text-align: center;">b. WITH CURRENT FIRM <b>1</b></td> </tr> </table>		a. TOTAL <b>1</b>	b. WITH CURRENT FIRM <b>1</b>
a. TOTAL <b>1</b>	b. WITH CURRENT FIRM <b>1</b>				
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>Kimley-Horn and Associates, Inc., Plantation, FL</b>					
<b>16. EDUCATION (Degree and Specialization)</b> <b>Bachelor / Civil Engineering</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)</b> <b>FL / Engineering Intern</b>			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> <b>Software experience includes AutoCad, Synchro, MicroStation, and Microsoft Office Suite. American Society of Civil Engineers (ASCE), Member</b>					

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>a.</b>	<b>Traffic Impact Studies, Miami-Dade County, FL</b>	<b>PROFESSIONAL SERVICES</b> Ongoing	<b>CONSTRUCTION (If applicable)</b> N/A
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project analyst for 30 traffic impact studies within various municipalities and unincorporated Miami-Dade County. Projects include residential, commercial, and mixed-use developments. Tasks include data collection, trip generation, trip distribution and assignment, segment/intersection capacity analysis, multimodal corridor analysis, development of mitigation measures/demand management plans, and agency coordination. Notable projects include PortMiami/Cruise Boulevard Traffic Study, Coconut Grove Playhouse Redevelopment, The Underline, Grove Central Station, Palmetto Square Station, Baptist FSR, Coral Way Roundabout Operational Analysis, and The Plaza Coral Gables.		
<b>b.</b>	<b>City of Miami Transportation Program Support Services, Miami, FL</b>	<b>PROFESSIONAL SERVICES</b> 2015/Ongoing	<b>CONSTRUCTION (If applicable)</b> N/A
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm On-call project analyst responsible for summary documentation, traffic data collection, and analysis for a contract providing general traffic engineering and transportation planning services for the City. Kimley-Horn served as an extension of the City of Miami staff preparing traffic operations analyses, transportation planning, traffic calming and complete streets improvements; transit planning and operations; geographic information system (GIS)/database management design of street; and parking analysis and design. Specific projects include: Residential Street Speed Limit Reduction Study and SW 30th Road Partial Closure Traffic Analysis. Project cost: \$1.5 million		
<b>c.</b>	<b>Pompano Beach East Transit Oriented Corridor (ETOC) Transportation Analysis, Pompano Beach, FL</b>	<b>PROFESSIONAL SERVICES</b> Ongoing	<b>CONSTRUCTION (If applicable)</b> N/A
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project analyst for the City of Pompano Beach CRA to provide transportation support services for a land use plan amendment along the Atlantic Boulevard corridor to allow for increased residential/mixed-use density and improve walkability/connectivity. Duties included corridor operations analysis, transportation systems management/geometric improvements, neighborhood protection and enhancement plans, and community outreach/workshops. Project cost: \$90,000		
<b>d.</b>	<b>Village Transportation Master Plan, Pinecrest, FL</b>	<b>PROFESSIONAL SERVICES</b> 2018	<b>CONSTRUCTION (If applicable)</b> N/A
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project analyst for the development of a Village-wide transportation master plan. Project includes the identification, development, and conceptual design of improvements along corridors and intersections focusing on traffic operations, traffic calming, and multi-modal enhancements. Tasks include operational analysis, future traffic forecasting, improvement design, public outreach and cost estimating. Project cost: \$26,900		
<b>e.</b>	<b>Coconut Grove Playhouse, Miami, FL</b>	<b>PROFESSIONAL SERVICES</b> Ongoing	<b>CONSTRUCTION (If applicable)</b> N/A
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Project analyst responsible for traffic impact analysis, valet analysis, and entry gate analysis on the redevelopment of the Coconut Grove Playhouse to elevate it once again to its premier cultural status. This redevelopment project will include renovations of the Playhouse, a parking garage, and a proposed compatible development that could include retail, restaurants, and a second, larger theater. Kimley-Horn is providing program verification and master planning, schematic design documents, construction contract documents, bidding, and construction phase services. Project cost: \$100,000		



# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>Cory D. Dorman, P.E.</b>	13. ROLE IN THIS CONTRACT Traffic Engineer Study Team 2 Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 4	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL			
16. EDUCATION (Degree and Specialization) Bachelor of Science / Civil Engineering Bachelor of Arts / Economics		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) FL / Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Experience in design software's such as MicroStation, AutoCAD, Synchro, and VISSIM			

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
<b>General On-Call Traffic Engineering Services, Fort Lauderdale, FL</b>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
a.	Project analyst for general traffic engineering and transportation planning services as part of an on-call contract with the City. Kimley-Horn serves as an extension of the City of Fort Lauderdale staff reviewing traffic impact studies and parking analyses. Projects to date have included peer review of traffic impact and parking studies, site plan review, and representation at public hearings. Additional projects have included development of a corridor study to support lane reductions along SR A1A and development of a Greenways Plan to complement multimodal transportation options within the corridor. Project cost: \$400,000		
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
<b>Traffic Impact Studies, Miami-Dade County, FL</b>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	Project engineer for 50 traffic impact studies within various municipalities and unincorporated Miami-Dade County. Projects include residential, commercial, and mixed-use developments. Tasks include data collection, trip generation, trip distribution and assignment, segment/intersection capacity analysis, multimodal corridor analysis, development of mitigation measures/demand management plans, and agency coordination. Notable projects include Mana Wynwood Special Area Plan (SAP), Brickell City Centre, Miami Worldcenter, Brightline Miami Station, Magic City Special Area Plan (SAP), Gables Ponce, Life Fitness, 44 Zamora, and Plaza Coral Gables.		
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
<b>Districtwide Traffic Operations Studies, FDOT District Six</b>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	Project analyst for a contract focusing on the development of various traffic operations and safety studies for both intersections and arterials within the District. Task Work Orders under this contract consist of traffic operations 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.		
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
<b>City of Miami Variable Parking Pricing Study, Miami, FL</b>		PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	Project analyst. Kimley-Horn assisted the City of Miami, in conjunction with the Miami Parking Authority (MPA), with an assessment of parking pricing and a variable pricing scheme within the Downtown Central Business District. The study included collection of utilization data for on-street parking spaces within the district, using Kimley-Horn's License Plate Recognition equipment. The project used that data, as well as historic information provided my MPA, to define parking pricing schemes that are reflective of demand within the district. The result of the was an implementation plan for the proposed variable pricing program, including proposed pilot studies, pricing schemes, policy changes, and technology needs. The City is currently beginning the pilot study portion of the recommendations, with implementation planned citywide in future years. Project cost: \$52,000		
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
<b>Las Olas Boulevard and Colee Hammock Neighborhood Traffic Calming, Fort Lauderdale, FL</b>		PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) Planned
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	Project engineer. Kimley-Horn assisted the City with preliminary designs for the reconfiguration of Las Olas Boulevard, which resulted in the City implementing a pilot project for temporary lane elimination and buffered bike lanes. Our services also addressed traffic circulation, safety, multimodal mobility, and quality-of-life issues along the Las Olas Boulevard corridor (from just west of the Himmarshee Canal to the Intracoastal Waterway Bridge). The project also included a traffic calming study for the Colee Hammock neighborhood. Improvements included enhanced crosswalks, raised intersections, 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. Project cost \$153,000		



## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>Maddy Hollowed</b>	13. ROLE IN THIS CONTRACT Traffic Impact Study Team 2 Analyst	14. YEARS EXPERIENCE <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">a. TOTAL <b>1</b></td> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">b. WITH CURRENT FIRM <b>1</b></td> </tr> </table>		a. TOTAL <b>1</b>	b. WITH CURRENT FIRM <b>1</b>
a. TOTAL <b>1</b>	b. WITH CURRENT FIRM <b>1</b>				
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL					
16. EDUCATION (Degree and Specialization) Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) N/A			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) N/A					

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	<b>Plaza Coral Gables, Coral Gables, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn is providing traffic engineering and parking consulting services to Agave Holdings for the Plaza Coral Gables project. Plaza Coral Gables is a multi-block mixed-use project comprised of a five-star hotel, Class A office space, high-end retail, residential units, restaurants, public open space, and parks. The design combines individual parcels with a variety of uses and public amenities, maintaining a pedestrian flow that encourages walkability, including a colonnade, shade trees, and lighting. Plaza Coral Gables will also pursue LEED for Neighborhood Development certification. Project cost: \$400 million		
	<b>Miami Lakes Park-and-Ride Facility Traffic Assessment, Miami Lakes, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Planned
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst. The Town is proposing to develop a park-and-ride transit facility that will be located on NW 77th Avenue south of NW 154th Street within the Town of Miami Lakes. Kimley-Horn is providing professional engineering services for a traffic assessment to analyze the potential benefit to vehicular traffic flow that is anticipated by the proposed park-and-ride transit facility. As part of this assessment, Kimley-Horn is assessing the potential Miami-Dade County Department of Transportation and Public Works (DTPW) transit route benefit and single-occupant vehicle traffic reduction from the park-and-ride facility. A conceptual design of the park-and-ride transit facility with the NE 77th Avenue realignment is also being prepared based on the evaluation of existing DTPW transit and Town of Miami Lakes Moover routes. Project cost: \$62,000		
	<b>Traffic Impact Studies, Miami-Dade County, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst for 10 traffic impact studies within various municipalities and unincorporated Miami-Dade County. Projects include residential, commercial, and mixed-use developments. Tasks include data collection, trip generation, trip distribution and assignment, segment/intersection capacity analysis, multimodal corridor analysis, development of mitigation measures/demand management plans, and agency coordination. Notable projects include Link at Douglas Station, Miami Lakes Park & Ride, West Kendall Baptist Hospital, 2700 NW 2nd Avenue Redevelopment, Modera Biscayne Bay and The Plaza Coral Gables..		
	<b>Multimodal Scoping Form Coordination and Support, FDOT District Four</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst. The Department determined certain project types should proactively focus on multimodal needs during the initial development of the scope and design plans – these project types include Resurfacing, Restoration, and Rehabilitation (RRR); capacity improvements; reconstruction projects; new construction projects; and Project Development and Environmental (PD&E) studies. Kimley-Horn is assisting the Office of Modal Development to administer the Multimodal Scoping Checklist process through collecting data in GIS, coordinating with local agencies, exploring the implementation of an interactive map tool for data that could be used to improve efficiency in the creation of the checklist data maps, and creating a new Complete Streets Handbook. Project cost: \$108,000		
	<b>Martin MPO Bicycle and Pedestrian Facilities Map, Martin County, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst for the preparation of a Bicycle and Pedestrian Facilities Map update for the Martin Metropolitan Planning Organization. The map already illustrates sidewalks along main roads, bike lanes, paved shoulders, and multimodal paths as existing facilities, so Kimley-Horn is conducting data inventories to update the map to reflect the current facilities since the last map update was in 2013. The future facilities to be included are projects under construction and/or funded projects that are points of public interest. Both hard copy and online versions of the map are being prepared. The map will ultimately serve as a reference for cyclists and pedestrians for traveling on Martin County roadways. Project cost: \$31,000		

# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>Charles Spears</b>	13. ROLE IN THIS CONTRACT Traffic Impact Study Team 2 Analyst	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL  &lt;1 </td> <td>b. WITH CURRENT FIRM  &lt;1 </td> </tr> </table>		a. TOTAL <1	b. WITH CURRENT FIRM <1
a. TOTAL <1	b. WITH CURRENT FIRM <1				
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL					
16. EDUCATION (Degree and Specialization)  Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)  N/A			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) N/A					

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Plaza Coral Gables, Coral Gables, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst. Kimley-Horn is providing parking consulting and traffic engineering services to Agave Ponce for the Plaza Coral Gables project. Plaza Coral Gables is a multi-block mixed-use project comprised of a five-star hotel, Class A office space, high-end retail, 229 luxury townhomes and condos, a rooftop fine dining restaurant, public open space, and parks. The design combines individual parcels with a variety of uses and public amenities, maintaining a pedestrian flow that encourages walkability, including a colonnade, shade trees, and lighting. Plaza Coral Gables will also pursue LEED for Neighborhood Development certification. In the case of Plaza Coral Gables, over 50% of the total site area will be dedicated to open space, including rooftop green space designed to capture rainwater and reduce runoff. Project cost: \$400 million	[X] Check if project performed with current firm	
b. (1) TITLE AND LOCATION (City and State) <b>Clearwater Parking Study, Clearwater, FL</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst for a comprehensive parking study on Clearwater Beach. The project included an evaluation of current and future parking needs, identification and analysis of alternatives, site feasibility analyses, financial feasibility analyses, development of an implementation program, and design and construction management, as necessary. Parking rates and methods of access and revenue collection will also be addressed. Project cost: \$65,000	[X] Check if project performed with current firm	
c. (1) TITLE AND LOCATION (City and State) <b>Districtwide ATMS/ITS Consultant Contract, FDOT District Three</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst. Kimley-Horn serves as an ATMS/ITS consultant for FDOT District Three. Recent services include acting as an extension of District Three staff, support of the Transportation Incident Management program, and providing network support to the District. Project cost: \$336,000	[X] Check if project performed with current firm	
d. (1) TITLE AND LOCATION (City and State) <b>Traffic Impact Studies, Miami-Dade County, FL</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst for six traffic impact studies within various municipalities and unincorporated Miami-Dade County. Projects include residential, commercial, and mixed-use developments. Tasks include data collection, trip generation, trip distribution and assignment, segment/intersection capacity analysis, multimodal corridor analysis, development of mitigation measures/demand management plans, and agency coordination. Notable projects include BCC Tobacco Road, Magic City, Miami Riverwalk, Miami Produce, and Starwood Hotel (Collins).	[X] Check if project performed with current firm	
e. (1) TITLE AND LOCATION (City and State) <b>Magic City Innovation District Special Area Plan, Miami, FL</b>	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst. Traffic study for parcels generally bounded by NE 61 <sup>st</sup> Street to the north, NE 59 <sup>th</sup> Terrace to the south, NE 4 <sup>th</sup> Avenue to the east, and NE 2 <sup>nd</sup> Avenue to the west. The proposed Magic City redevelopment will consist of mixed land uses. The City of Miami required a traffic impact study and utility study as part of the Special Area Plan entitlement process. Services include traffic counts, analyses for additional intersections and corridors, and parking analyses. Project cost: \$86,000	[X] Check if project performed with current firm	

# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

<b>12. NAME</b> <b>Omar Kanaan, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> Traffic Calming Evaluation Engineer	<b>14. YEARS EXPERIENCE</b> <table border="1"> <tr> <td>a. TOTAL 6</td> <td>b. WITH CURRENT FIRM 6</td> </tr> </table>		a. TOTAL 6	b. WITH CURRENT FIRM 6
a. TOTAL 6	b. WITH CURRENT FIRM 6				
<b>15. FIRM NAME AND LOCATION (City and State)</b> Kimley-Horn and Associates, Inc., Plantation, FL					
<b>16. EDUCATION (Degree and Specialization)</b> Master of Science / Civil Engineering Bachelor of Science / Civil Engineering		<b>17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)</b> FL / Professional Engineer			
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> Proficient in AutoCAD, AutoTURN maneuverability software, Highway Capacity Software (HCS), Synchro, SimTraffic, CORSIM, and ArcMap (GIS)					

## **19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
<b>a.</b>	<b>City of Miami Transportation Program Support Services, Miami, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Project engineer for 90 traffic impact studies within various municipalities and unincorporated Miami-Dade County. Projects include residential, commercial, and mixed-use developments. Tasks include data collection, trip generation, trip distribution and assignment, segment/intersection capacity analysis, multimodal corridor analysis, development of mitigation measures/demand management plans, and agency coordination. Notable projects include Design Place Special Area Plan (SAP), Magic City Special Area Plan (SAP), Brickell City Centre, Miami Worldcenter, Flamingo Miami Beach, and Plaza Coral Gables. Project cost: \$1.5	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>b.</b>	<b>Transportation Program and In-House Support Services, Miami, FL</b>	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) N/A
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Project engineer for general traffic engineering and transportation planning services as part of an on-call contract. Served as an extension of the City staff preparing traffic operations analyses, transportation planning, traffic calming and complete streets improvements; transit planning and operations; geographic information system (GIS)/database management design of street; and parking analysis and design. Project engineer serving as in-house support to City staff for general traffic engineering and transportation planning. Includes assisting City staff in addressing traffic calming requests and involves maintaining an inventory of traffic calming requests, mapping traffic calming request locations, conducting field investigations to determine appropriate traffic calming measures and locations, coordination with Miami-Dade County, and preparing traffic calming analysis reports outlining the feasibility of installing traffic calming devices.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>c.</b>	<b>Traffic Calming Spot Location Data Collection, Miami, FL</b>	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) N/A
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Project engineer for general traffic engineering and data collection coordination. Kimley-Horn is assisting City staff in addressing traffic concerns raised by constituents which include safety, speeding, and cut-through traffic complaints by providing traffic volume and speed data along identified roadway segments. The data is used to determine if traffic calming measures are warranted and the type of traffic calming measures to be installed.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>d.</b>	<b>Kendall Regional Medical Center Bed Tower Vertical Expansion and Parking Garage, Plantation, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Project engineer. Kimley-Horn provided professional civil and traffic engineering services for the development of a two-floor, 130,000-square-foot bed tower and parking garage. The firm provided master planning services, including onsite design development, project phasing, temporary helipad evaluation, and construction documents for the construction of the new bed tower that added 60 beds to the licensed bed count. Traffic impact analysis (TIA) included methodology determination, traffic data collection, trip generation, capacity analysis, and maneuverability analysis. Project cost: \$362,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>e.</b>	<b>Miami-Dade County Shared Mobility Assessments, Miami-Dade County, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
	<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> Project engineer. Kimley-Horn was tasked with executing the discussions and analyses necessary to envision the future of public transportation in Miami-Dade County and to develop recommendations to integrate emerging shared mobility solutions into the planning and development of the of six (6) corridors of the Strategic Miami Area Rapid Transit (SMART) Plan. Shared mobility solutions include first-mile/last-mile transportation options, on-demand and fixed route microtransit, mobility-as-a-service (MaaS), ridesourcing, and dynamic and on-demand carpooling among others. Project cost: \$342,000	<input checked="" type="checkbox"/> Check if project performed with current firm	

# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>Jimmy Calle, E.I.</b>	13. ROLE IN THIS CONTRACT Traffic Calming Evaluation Analyst	14. YEARS EXPERIENCE	
		a. TOTAL <1	b. WITH CURRENT FIRM <1
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL			
16. EDUCATION (Degree and Specialization) Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Engineering Intern - #1100022119	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Recipient of Certificate in Transportation Engineering from Florida International University			

## 19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) <b>City of Miami Transportation Program Support Services, Miami, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) 
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Jimmy has been involved in the following projects associated with the City of Miami Transportation Program Support Services contract (TPSS):  <b>Shenandoah Neighborhood Traffic Calming Study:</b> Kimley-Horn is preparing a traffic calming study for the Shenandoah neighborhood. The data collection phase included 24-hour machine counts and speed data at nearly 200 locations throughout the neighborhood. The project includes continuous coordination with the residents and Commissioner's staff and will include the development of two neighborhood traffic calming plans. Traffic calming improvements and enhancements will be evaluated for constructability and a planning level cost estimate will be prepared for the neighborhood traffic calming plan.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) <b>Transportation Program Support Services, Miami, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst for 10 traffic impact studies within various municipalities and unincorporated Miami-Dade County. Projects include residential, commercial, and mixed-use developments. Tasks include data collection, trip generation, trip distribution and assignment, segment/intersection capacity analysis, multimodal corridor analysis, development of mitigation measures/demand management plans, and agency coordination. Notable projects include Blackstone, Collins Park Garage, The Raleigh Hotel, 2700 NW 2 <sup>nd</sup> Avenue, and Main Street at Coconut Creek. Project cost: \$1.5 million	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) <b>Miami-Dade TPO Strategic Miami Area Rapid Transit (SMART) Plan General Planning Consultant, Miami-Dade County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst. Kimley-Horn was retained by the Miami-Dade TPO to perform planning studies in support of the Implementation of the Strategic Miami Area Rapid Transit (SMART) Plan. Two work orders have been issued to Kimley-Horn so far: Beach-Northeast Corridors Land Use Scenario and Visioning Planning, and Factors Affecting Transit Ridership in Miami-Dade County. As part of the study, Kimley-Horn team conducted three well-attended visioning charrettes to obtain public input, provided updates to the Study Advisory Committee (SAC) and Technical Oversight Committee (TOC), and developed alternative land use scenarios. The study is ongoing. Project cost: \$930,000	Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) <b>Martin MPO Bicycle and Pedestrian Facilities Map, Martin County, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst for the preparation of a Bicycle and Pedestrian Facilities Map update for the Martin Metropolitan Planning Organization. The map already illustrates sidewalks along main roads, bike lanes, paved shoulders, and multimodal paths as existing facilities, so Kimley-Horn is conducting data inventories to update the map to reflect the current facilities since the last map update was in 2013. The future facilities to be included are projects under construction and/or funded projects that are points of public interest. Both hard copy and online versions of the map are being prepared. The map will ultimately serve as a reference for cyclists and pedestrians for traveling on Martin County roadways. Project cost: \$31,000	Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State) <b>Village Transportation Master Plan, Pinecrest, FL</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst for the development of a Village wide transportation master plan. Project includes the identification, development, and conceptual design of improvements along corridors and intersections focusing on traffic operations, traffic calming, and multimodal enhancements. Tasks include operational analysis, future traffic forecasting, improvement design, public outreach and cost estimating. Project cost: \$26,900	Check if project performed with current firm	



# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>Stewart E. Robertson, P.E.</b>	13. ROLE IN THIS CONTRACT Complete Streets Analysis	14. YEARS EXPERIENCE	
		a. TOTAL 17	b. WITH CURRENT FIRM 17
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL			
16. EDUCATION (Degree and Specialization) Master of Science / Civil Engineering Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) FL / Professional Engineer	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Miami-Dade County Complete Streets Design Guidelines, Miami, FL</b>	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>a. Project manager prepared the Miami-Dade Complete Streets Design Guidelines, which is the unifying design document for local governments in Miami-Dade County to be able to identify and incorporate Complete Streets elements into road projects. Collaborated with local government staff to identify and incorporate key principles into the documentation – Safety, Health, Modal Equality, Context Sensitivity, and Sustainability. Led the development of a unique Street Typology specific to Miami-Dade streets and land use types to structure design guidance and criteria. Preferred and minimum widths and dimensions were established for key street design elements including sidewalks, furnishing/landscaping zones, frontage zones, bicycle facilities, transit lanes, general purpose travel lanes, turn lanes, and medians. Additional guidance was developed 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. Project cost: \$116,000</p>		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>General On-Call Traffic Engineering Services, Fort Lauderdale, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>b. Project engineer for general traffic engineering and transportation planning services as part of an on-call contract with the City. Kimley-Horn serves as an extension of the City of Fort Lauderdale staff reviewing traffic impact studies and parking analyses. Projects to date have included peer review of traffic impact and parking studies, site plan review, and representation at public hearings. Additional projects have included development of a corridor study to support lane reductions along SR A1A and development of a Greenways Plan to complement multimodal transportation options within the corridor. Project cost: \$400,000</p>		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>South Miami Intermodal Transportation Plan (ITP), South Miami, FL</b>	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>c. Project engineer on the Kimley-Horn team that prepared the South Miami Intermodal Transportation Plan (SMITP). Developed Complete Streets project recommendations for pedestrian facilities, crosswalks, bicycle lanes, neighborhood greenways, intersection design, and sustainability. Developed an implementation plan that respects the limits of affordability and provides a strategy that the City could potentially follow to maximize the user benefit while keeping costs within reason of available funding sources. Project cost: \$98,800</p>		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Broward Complete Streets Guidelines, Broward County, FL</b>	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>d. Project manager 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. Particular 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). Project cost: \$20,500</p>		
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Districtwide Pedestrian and Bicycle Consultant, FDOT District Six</b>	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<p>e. 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. Project cost: \$300,000</p>		

# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>Lisa Juan, EIT</b>	13. ROLE IN THIS CONTRACT Complete Streets Analysis	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 4</td> <td>b. WITH CURRENT FIRM 4</td> </tr> </table>		a. TOTAL 4	b. WITH CURRENT FIRM 4
a. TOTAL 4	b. WITH CURRENT FIRM 4				
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL					
16. EDUCATION (Degree and Specialization) Master of Science / Transportation Engineering Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) MA / Engineer-in-Training			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <ul style="list-style-type: none"> <li>Experience with the Southeast Regional Planning Model (SERPM) and Treasure Coast Regional Planning Model (TCRPM) based on the Florida Standard Urban Transportation Model Structure (FSUTMS), Software experience includes GIS and Cube 6</li> </ul>					

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>South Miami Intermodal Transportation Plan (ITP), South Miami, FL</b>	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) N/A
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst. Kimley-Horn prepared the South Miami Intermodal Transportation Plan (SMITP). The City of South Miami desired to enhance the existing transportation system and mobility choices available to residents, workers, and visitors to the City. An integral component of this effort was to establish and implement the SMITP, which identified an interconnected network of mobility and safety improvements based on smart growth and complete streets principles. The goal of the SMITP was to identify and prioritize pedestrian and bicycle projects throughout the City, as well as to enhance access to public transportation. Project cost: \$98,800	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Miami Shores Village Multimodal Mobility Plan, Miami Shores, FL</b>	PROFESSIONAL SERVICES 2015	CONSTRUCTION (If applicable) N/A
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst. The primary focus of this Mobility Plan was to improve the bicycling and walking mobility and safety within Miami Shores Village. The Mobility Plan identified a comprehensive network of improved multimodal mobility for bicyclists and pedestrians by linking key Village destinations together, including downtown Miami Shores, Barry University, Bayshore Park, Miami Shores Recreation Complex, charter school, Miami Country Day, and Miami Shores Elementary School. This plan also included traffic analysis for proposed lane elimination. Project cost: \$45,000	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>SR 992/SW 152nd St. (Coral Reef Dr.) from SR 821 (HEFT) NB Ramp to SR 5/US-1, FDOT District Six</b>	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) N/A
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst for the development and evaluation of improvement concepts and the performance of a detailed planning level operational analysis for SR 992/Coral Reef Drive corridor within District Six. The study's purpose was to identify constrained intersections and segments along the corridor and develop a series of proposed improvements to address current and future traffic demands on the corridor. Two alternative improvements were proposed for the corridor. Alternative 1 consisted of intersection improvements at constrained intersections with no additional right-of-way required. Alternative 2 proposed to widen the SR 992 corridor from the existing 4-lane section to a 6-lane section to address vehicular traffic needs. Both alternatives also proposed multimodal improvements. These improvements included pedestrian and bicycle improvements at study intersections and transit improvements to enhance and encourage transit ridership. Project cost: \$168,000	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Medley Multimodal Mobility Study, Medley, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst for the Kimley-Horn team that prepared the Medley Multimodal Mobility Study, which identified a set of interconnected bicycle and pedestrian facility improvements, as well as developed a service plan for a four-route Medley local transit circulator service for residents and workers within the Town's extensive commercial and industrial employment areas. The Study also includes recommendations to provide improved connections to Tobie Wilson Recreational Center and other key destinations within and adjacent to Medley including Town Hall, Palmetto Metrorail Station, Okeechobee Metrorail Station, parks, and shopping centers. Project cost: \$60,000	[X] Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Miami Lakes Greenways and Trails Plan, Miami Lakes, FL</b>	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) N/A
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project analyst. Kimley-Horn completed the Miami Lakes Greenways and Trails Plan in 2014, which was conducted through a grant from the Miami-Dade MPO. We developed recommendations for providing a Town-wide network of greenway trail facilities and pedestrian safety improvements. The Plan focused on key elements of non-motorized transportation including pedestrian pathways, bicycle trails, shared-use paths, recreational greenways, and connections to mass transit, thereby optimizing walking and bicycling as healthy, clean transportation options in Miami Lakes. The Plan included a mix of facility types making practical use of existing opportunities within the Town. Project cost: \$45,000	[X] Check if project performed with current firm	



# E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME <b>David Taxman, P.E.</b>	13. ROLE IN THIS CONTRACT Parking Studies	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 13</td> <td>b. WITH CURRENT FIRM 1</td> </tr> </table>		a. TOTAL 13	b. WITH CURRENT FIRM 1
a. TOTAL 13	b. WITH CURRENT FIRM 1				
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL					
16. EDUCATION (Degree and Specialization) Bachelor of Science / Civil Engineering Master of Arts / Real Estate		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) FL / Professional Engineer			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <ul style="list-style-type: none"> <li>International Parking Institute</li> </ul>					

## 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>City of Clearwater Parking Study, Clearwater, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
<b>a.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager for a comprehensive parking study on Clearwater Beach. The project included an evaluation of current and future parking needs, identification and analysis of alternatives, site feasibility analyses, financial feasibility analyses, development of an implementation program, and design and construction management, as necessary. Parking rates and methods of access and revenue collection will also be addressed. Project cost: \$65,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Winter Park Parking Code and Policy Modernization, Winter Park, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
<b>b.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Parking engineer assisting with a review of existing codes and ordinances related to parking within the City, as well as a comparison of its current code to national best management practices. Our team will facilitate evaluations with selected peer communities and present proposed code changes for consideration along with updated parking requirement tables. Stakeholder coordination and Commission briefings will be utilized to promote community awareness regarding potential changes to the City's current parking policies. Project cost: \$75,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Plaza Coral Gables, Coral Gables, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
<b>c.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn is providing parking consulting and traffic engineering services to Agave Ponce for the Plaza Coral Gables project. Plaza Coral Gables is a multi-block mixed-use project comprised of a five-star hotel, Class A office space, high-end retail, 229 luxury townhomes and condos, a rooftop fine dining restaurant, public open space, and parks. The design combines individual parcels with a variety of uses and public amenities, maintaining a pedestrian flow that encourages walkability, including a colonnade, shade trees, and lighting. Plaza Coral Gables will also pursue LEED for Neighborhood Development certification. In the case of Plaza Coral Gables, over 50% of the total site area will be dedicated to open space, including rooftop green space designed to capture rainwater and reduce runoff. Project cost: \$400 million	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Sarasota Bayfront Master Plan, Sarasota, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
<b>d.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Parking engineer. As a subconsultant to another firm, Kimley-Horn is providing professional engineering services for a long-term master plan that will establish cultural and economic legacy for the region while ensuring open, public access to the Bayfront. Specific services include analyses of circulation and parking conditions, development of a connectivity plan and parking strategy that encompasses a high-level transportation network. The network will include walking and bicycle access, transit access/circulation, vehicular traffic flow, emergency vehicle access, maintenance access, deliveries, and special event access and traffic circulations. Additionally, the team is managing the regulatory process, which is anticipated to include permitting from the following agencies: Florida Department of Environmental Protection (FDEP), U.S. Army Corps of Engineers (USACE), Sarasota County, and Federal Emergency Management Agency (FEMA). Project cost: \$90,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>(1) TITLE AND LOCATION (City and State)</b> <b>Hallandale Beach Mobility Plan Roadmap, Hallandale Beach, FL</b>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
<b>e.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn was selected to provide professional engineering consulting services for a mobility plan to prepare a roadmap of improvements addressing mobility and parking deficiencies in the City of Hallandale Beach. The growth in the City and surrounding communities has strained the ability of the transportation network to accommodate efficient movement of people and goods. Kimley-Horn is working with City staff to identify the status of transportation improvements recommended in prior studies and plans, develop a program of mobility and parking improvement, prepare cost estimates, and identify potential funding programs. Project cost: \$25,000	<input checked="" type="checkbox"/> Check if project performed with current firm	

# **E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

(Complete one Section E for each key person.)

12. NAME <b>Erin N. Emmons, GISP</b>	13. ROLE IN THIS CONTRACT GIS Support Planner	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 13</td> <td>b. WITH CURRENT FIRM 11</td> </tr> </table>		a. TOTAL 13	b. WITH CURRENT FIRM 11
a. TOTAL 13	b. WITH CURRENT FIRM 11				
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL					
16. EDUCATION (Degree and Specialization) Bachelor of Science / Urban and Regional Planning		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Geo Info Systems Pro			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Planning Association (APA), Women's Transportation Seminar, (WTS), Florida Parking and Transportation Association (FPTA), Palm Beach GIS User Group					

## **19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>General On-Call Traffic Engineering Services, Fort Lauderdale, FL</b>  (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>a.</b> Project manager for general 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 parking concept plan development and site plan review. Project cost: \$400,000	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
<b>Utility GIS Data Conversion, Miami Lakes, FL</b>  (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>b.</b> Project manager. Kimley-Horn assisted the Town with digitizing their existing utility CAD files and as-builts in a GIS format. Work included the conversion of available electronic CAD files and existing as-builts provided by the Town into GIS. Attribute information was updated using available survey data and detailed as-builts. Project cost: \$16,000	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
<b>On-Call GIS Services, Okeechobee County, FL</b>  (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>c.</b> Project manager. Kimley-Horn has been Okeechobee County's on-call planning and engineering consultant for over 10 years and has provided GIS on-call support for the last five. Kimley-Horn provides on-site training to County staff and has assisted the County in the development and organization of their interagency database. Recent project support has included zoning and land use updates, website development coordination, County Commission and School Board redistricting.	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) N/A
<b>On-Call GIS Services, Pinecrest, FL</b>  (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>d.</b> Project manager. Kimley-Horn has been contracted by the Village of Pinecrest as an on-call GIS consultant. Kimley-Horn provides on-site training to staff and has assisted the Village in the development and organization of their interagency database. Recent project support has included zoning and land use updates, website development coordination, and stormwater utility updates. Project cost: \$69,000	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
<b>Interactive Capital Improvements Program GIS Application, Miami, FL</b>  (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>e.</b> Project manager. The City of Miami, Capital Improvement and Transportation Department contracted Kimley-Horn to develop an online, GIS-based application to maintain, display, and update the City's Capital Improvement Program (CIP) projects. The application allows staff to edit, monitor, and provide status reports of the CIP projects within the City. The application is hosted by the City and has both in internal (intranet, visible only to City staff) and external (internet, visible to the general public) interface version. An application user manual and staff training was also provided.	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) N/A

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT***(Complete one Section E for each key person.)*

12. NAME <b>Diana Xiomara Leon</b>	13. ROLE IN THIS CONTRACT <b>Data Collection</b>	14. YEARS EXPERIENCE a. TOTAL <b>14</b> b. WITH CURRENT FIRM <b>14</b>	
15. FIRM NAME AND LOCATION <i>(City and State)</i> <b>NDS – National Data &amp; Surveying Services</b>			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>  <b>San Antonio College Major - Business Administration Minor - Computer Science</b>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> <b>COMPUTER SKILLS: Trimble Pathfinder Office 5.2 ESRI ArcMap 10.1</b>			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
a. (1) TITLE AND LOCATION <i>(City and State)</i> <b>Broward County Bus Stops</b>	PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION <i>(If Applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Orchestrated and Collected on and off Volume for a 115 bus stops in Downtown Ft. Lauderdale</b>	<b>[X]</b> Check if project performed with current firm	
b. (1) TITLE AND LOCATION <i>(City and State)</i> <b>Los Angeles LADOT- Brian Doherty</b>	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION <i>(If Applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>571 ADT (Volume Machine Counts)</b>	<b>[X]</b> Check if project performed with current firm	
c. (1) TITLE AND LOCATION <i>(City and State)</i> <b>Los Angeles LADOT- Brian Doherty</b>	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION <i>(If Applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>141 TMC (Turning Movement Counts)</b>	<b>[X]</b> Check if project performed with current firm	
d. (1) TITLE AND LOCATION <i>(City and State)</i> <b>Alameda County - Street Sign Inventory</b>	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION <i>(If Applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>15,000 Traffic signs Measure Retroreflectivity</b>	<b>[X]</b> Check if project performed with current firm	
e. (1) TITLE AND LOCATION <i>(City and State)</i> <b>OCTA (Orange County Transportation Authority) 2005, 2007, 2009, 2011, 2013, 2015</b>	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION <i>(If Applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>200 (3-Day) Turning movement counts 12,000 miles of travel time runs</b>	<b>[X]</b> Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT***(Complete one Section E for each key person.)*

12. NAME <b>Kevin Deal</b>	13. ROLE IN THIS CONTRACT <b>Data Collection</b>	14. YEARS EXPERIENCE a. TOTAL <b>13</b> b. WITH CURRENT FIRM <b>13</b>	
15. FIRM NAME AND LOCATION <i>(City and State)</i> <b>NDS – National Data &amp; Surveying Services</b>			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> <b>B.S. in Production &amp; Engineering, Berklee College of Music, MA</b>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Deal has amassed a great deal of experience in every aspect of the data collection industry. His expertise includes field operations, administrative operations, program development, R & D and companywide quality control. He has successfully managed over 20,000 projects from inception to completion which have at times included customized study development as well as customized deliverables.			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
a. (1) TITLE AND LOCATION <i>(City and State)</i> <b>OCTA</b>	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION <i>(If Applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>OCTA (Orange County Transportation Authority) 2005, 2007, 2009, 2011, 2013, 2015</b>	<input type="checkbox"/> Check if project performed with current firm	
b. (1) TITLE AND LOCATION <i>(City and State)</i> <b>SCAG (Southern California Association of Governments)</b>	PROFESSIONAL SERVICES <b>2013</b>	CONSTRUCTION <i>(If Applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>546 ADT's (Split between Volume &amp; Classification) 8 Wavetronix Radar Locations</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
c. (1) TITLE AND LOCATION <i>(City and State)</i> <b>Mobility Group</b>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If Applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Over 80 intersection camera installations for 4 consecutive festival related weekends Occupancy counts for 3 consecutive festival weekends with over 90,000 in attendance per weekend 33 (28-Day) ADT's 2011 500 (8-hour) Turning movement counts throughout Downtown Los Angeles</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
d. (1) TITLE AND LOCATION <i>(City and State)</i> <b>City of San Diego</b>	PROFESSIONAL SERVICES <b>2013</b>	CONSTRUCTION <i>(If Applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>2004 – 2006 &amp; 2008 – 2013 <input type="checkbox"/> ~1500 ADT's conducted annually</b>	<input checked="" type="checkbox"/> Check if project performed with current firm	
e. (1) TITLE AND LOCATION <i>(City and State)</i> <b>City of Los Angeles</b>	PROFESSIONAL SERVICES <b>2005</b>	CONSTRUCTION <i>(If Applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>25 (6-Hour, 2-Day) Turning movement counts Typically 2 - 3 people a location 40+ Speed &amp; Classification ADT's</b>	Check if project performed with current firm	

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  1
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<b>21. TITLE AND LOCATION (City and State)</b>  <b>City of Aventura Traffic Engineering Services Consultant</b>	<b>22. YEAR COMPLETED</b>	
	<b>PROFESSIONAL SERVICES</b> Ongoing	<b>CONSTRUCTION (If applicable)</b> N/A

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Aventura	b. POINT OF CONTACT NAME Joanne Carr	c. POINT OF CONTACT TELEPHONE NUMBER/EMAIL 305.466.8900 JCarr@cityofaventura.com

<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT</b> <i>(Include scope, size, and cost)</i>  <p>Kimley-Horn provides the City of Aventura with traffic engineering and transportation planning services through an on-call consulting contract. Primary assignments consist of the review of traffic impact studies and site plans submitted by private developers seeking site plan approval. Review components including methodology development/coordination, analysis review, interdepartmental coordination, and site plan review including parking garage/loading area maneuverability analysis. Assignments has also included independent operational analysis to confirm proposed private development impacts. City-directed projects under this contract have included traffic signal design, pedestrian safety analysis, City project traffic impact studies, parking studies, and evaluations if existing traffic operations conditions at schools and public recreational facilities.</p>
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**Project cost: \$100,000**



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	Kimley-Horn and Associates, Inc.	Fort Lauderdale, FL	Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE



**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

**20. EXAMPLE PROJECT KEY NUMBER**

2

**21. TITLE AND LOCATION** *(City and State)*

**City of Miami Transportation Program Support Services Consultant**

**22. YEAR COMPLETED**

PROFESSIONAL SERVICES  
2015/Ongoing

CONSTRUCTION *(If applicable)*  
N/A

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER  
City of Miami

b. POINT OF CONTACT NAME  
Sandra Harris

c. POINT OF CONTACT TELEPHONE NUMBER/EMAIL  
305.416.1726  
SandraHarris@miamigov.com

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*

Kimley-Horn serves 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. Project assignments include development of new design standards for traffic calming devices, performance of a Citywide speed limit reduction study, preparation of the Downtown Miami traffic signal cycle length analysis, and management of a citizen request traffic calming database. Neighborhood traffic calming studies were performed for several neighborhoods including The Roads, Spring Garden, Coral Gate, Natoma Manors, Grapeland Heights, Buena Vista and Shenandoah. Tasks include data collection analysis, recommendations and cost estimating, stakeholder meetings, and FDOT/Miami-Dade County coordination. Previous contract assignments included areawide bicycle/pedestrian mobility plans. Kimley-Horn was reselected by the City in 2016 to continue providing these services.

**Project Cost: \$1.5 million**



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE



		20. EXAMPLE PROJECT KEY NUMBER  3
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21. TITLE AND LOCATION <i>(City and State)</i> <b>City of Fort Lauderdale General On-Call Traffic Engineering Services Consultant</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> N/A

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City of Fort Lauderdale	b. POINT OF CONTACT NAME Benjamin Restrepo	c. POINT OF CONTACT TELEPHONE NUMBER/EMAIL 954.828.5216 Brestrepo@fortlauderdale.gov

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>
<p>Kimley-Horn is providing general traffic engineering and transportation planning services as part of an on-call contract with the City. Kimley-Horn's role includes the review of traffic impact analyses/site plans submitted by private developers with tasks that included methodology development/coordination, analysis review, interdepartmental coordination, site plan review including parking garage/loading area maneuverability analysis. Work assignments also included the design of pilot complete streets projects, studies for speed limit reductions, traffic operations issues, and crosswalk warrants.</p> <p><b>Project Cost: \$400,000</b></p>



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**  
*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER

4

21. TITLE AND LOCATION *(City and State)*

**City of Pompano Beach Transportation Engineering Services Consultant**

22. YEAR COMPLETED

PROFESSIONAL SERVICES  
2018

CONSTRUCTION *(If applicable)*  
N/A

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER

City of Pompano Beach

b. POINT OF CONTACT NAME

Horacio Danovich

c. POINT OF CONTACT TELEPHONE NUMBER/EMAIL

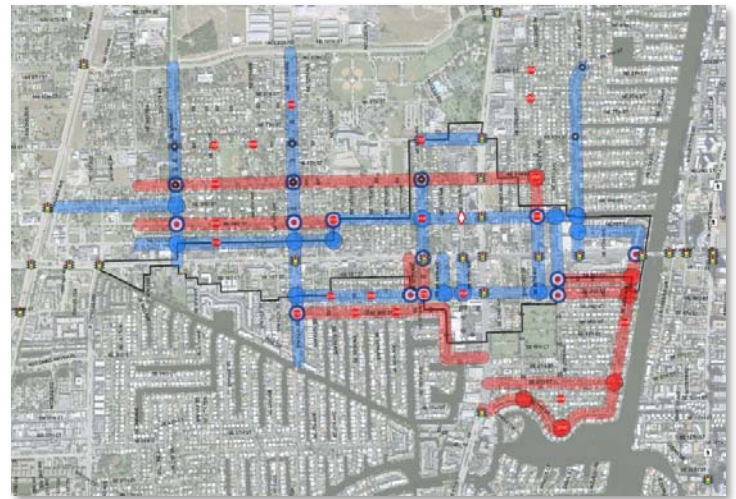
954.786.7834

Horacio.Danovich@copbfl.com

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The City of Pompano Beach CRA selected Kimley-Horn to provide transportation support services for the City of Pompano Beach and the Community Redevelopment Agency (CRA). Initial traffic engineering/transportation planning assignments include traffic engineering analysis support for a City-initiated land use plan amendment along the Atlantic Boulevard corridor to allow for residential/mixed-use density and improved walkability/connectivity. Duties included corridor operations analysis, transportation systems management/geometric improvements, neighborhood protection and enhancement plans, and community outreach/workshops solely focused on transportation issues. Based upon the successful approval of the amendment, Kimley-Horn now performs traffic impact study reviews for new projects within the amendment area. Tasks include methodology development/coordination, analysis review, interdepartmental coordination, site plan review including parking garage/loading area maneuverability analysis.

**Project Cost: \$90,000**



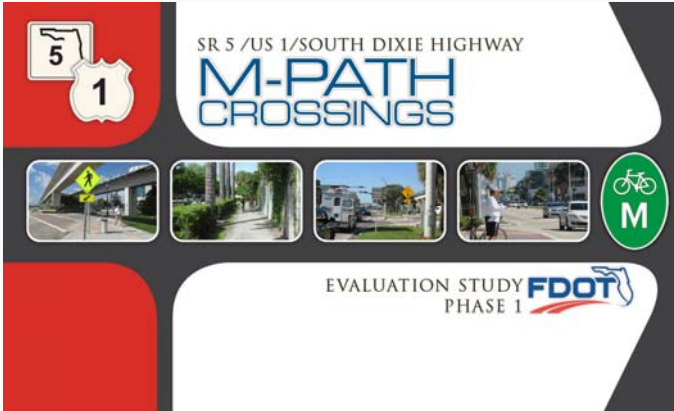
**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Fort Lauderdale, FL	(3) ROLE Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		<b>20. EXAMPLE PROJECT KEY NUMBER</b>  5		
<b>21. TITLE AND LOCATION (City and State)</b> <b>Florida Department of Transportation District Six Intermodal Systems Planning (ISP) Consultant</b>		<b>22. YEAR COMPLETED</b> <table border="1"> <tr> <td>PROFESSIONAL SERVICES Ongoing</td> <td>CONSTRUCTION (If applicable) N/A</td> </tr> </table>	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) N/A			

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Florida Department of Transportation	b. POINT OF CONTACT NAME Kenneth Jeffries	c. POINT OF CONTACT TELEPHONE NUMBER/EMAIL 954-470-5445 Ken.jeffries@dot.state.fl.us

<b>24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT</b> <i>(Include scope, size, and cost)</i>  <p>Kimley-Horn has been continuously serving as one of FDOT's ISP consultants since 2013 and most recently as a major subconsultant on the ISP team to another firm. Major tasks have included corridor studies, intersection planning studies, bicycle/pedestrian strategic plans/program support, and growth management reviews. Kimley-Horn assist FDOT District Six with the review of all comprehensive land use plan amendments within Miami-Dade and Monroe Counties to determine if the transportation impacts associated with these amendments will have an adverse impact of transportation resources of State importance including the Strategic Intermodal System (SIS). Recent signature operational tasks include performing a roundabout operational analysis/feasibility study at the intersection of SR 972/Coral Way and SW 15th Road in Miami, Florida. This project is planned for construction programming later this year.</p> <p><b>Project cost: \$1 million</b></p>
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25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Subconsultant
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE



**G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS**

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
John J. McWilliams, P.E.	Project Manager	X			X	X					
Burt L. Baldo, P.E.	Principal-in-Charge		X			X					
Ali N. Hanes, P.E.	Deputy Project Manager	X		X	X	X					
Adrian K. Dabkowski, P.E., PTOE	Quality Assurance/Quality Control		X	X							
Ian M. Rairden, P.E.	Traffic Impact Study Team 1										
Luis M. Taboada, EIT	Traffic Impact Study Team 1		X			X					
Cory D. Dorman, P.E.	Traffic Engineer Study Team 2	X		X							
Maddy Hollowed	Traffic Impact Study Team 2										
Omar Kanaan, P.E.	Traffic Calming Evaluation		X								
Jimmy Calle, E.I.	Traffic Calming Evaluation		X								
Stewart E. Robertson, P.E.	Complete Streets Analysis		X	X		X					
Lisa Juan, EIT	Complete Streets Analysis					X					
David Taxman, P.E.	Parking Studies										
Charles Spears	Traffic Impact Study Team 2		X								
Erin N. Emmons, GISP	GIS Support Planner		X	X							
Elizabeth Perez	Traffic Impact Study Team 1	X	X		X						

**29. EXAMPLE PROJECTS KEY**

NO.	TITLE OF EXAMPLE PROJECT (From Section F)	NO.	TITLE OF EXAMPLE PROJECT (From Section F)
1	<b>City of Aventura Traffic Engineering Services Consultant</b>	6	
2	<b>City of Miami Transportation Program Support Services Consultant</b>	7	
3	<b>City of Fort Lauderdale General On-Call Traffic Engineering Services Consultant</b>	8	
4	<b>City of Pompano Beach Transportation Engineering Services Consultant</b>	9	
5	<b>Florida Department of Transportation District Six Intermodal Systems Planning (ISP) Consultant</b>	10	

## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

The **Kimley-Horn** team is pleased to submit our proposal in response to your Traffic Impact Study Consulting Services Request for Qualifications. We are uniquely qualified to support the City in the performance of these services given our unparalleled experience and technical expertise in the performance of traffic impact studies and project site plan reviews, depth of professional staff, local presence, and familiarity of the City's transportation issues.

**Experienced Team.** The firm has been involved in the development and application of traffic impact analyses for more than 50 years. If selected as the City's consultant, Kimley-Horn intends to serve as your partner in objectively evaluating development impacts and, if appropriate, identifying suitable mitigation measures that benefit the city. We have carefully assembled a core team of in-house experts, strategically selected to provide the City with exceptional client service. Serving as your project manager, I bring more than 20 years of traffic engineering and transportation planning experience in South Florida and a background of having performed more than 400 traffic impact studies in Miami-Dade County.

The team members proposed for this project have worked on numerous successful traffic impact studies in the Miami-Dade County and the Coral Gables area. In addition, with 65 professionals and support staff in our Coral Gables office and more than 230 additional staff located within the South Florida region, we offer the depth of staff required to be responsive to all your needs under this contract. Our staffing plan includes two (2) distinct traffic impact study teams, each managed by a licensed professional engineer with significant traffic engineering experience. This staffing strategy will allow us to perform multiple traffic impact studies simultaneously. We have also have included expert resources in parking, complete streets, and traffic calming to supplement our project team as these components are commonly examined as part of development projects.

**Your Partner in Serving the Community.** Our staff of dedicated and passionate professionals takes great pride in the way we serve our clients. As your project manager, I can assure you of our commitment to technical and professional excellence. Kimley-Horn has the talent, local knowledge, diversity of expertise, and commitment to your goals to continue to be that partner and provide exceptional client service to the City.

**We Know Coral Gables.** We have an ongoing presence in Coral Gables with a local office just steps from City Hall. We are extremely familiar with your traffic study requirements, transportation issues, and City staff, which will provide for responsiveness, cost savings, and streamlined communication.

**Commitment to Excellence.** On behalf of Kimley-Horn, I am excited about the opportunity to serve the City of Coral Gables. We offer you the professional resources of one of the premier traffic and transportation engineering firms in Florida, coupled with our personal commitments and demonstrated experience from professionals thoroughly familiar with the City's needs. Kimley-Horn team is extremely qualified and immediately available to continue to serve the City of Coral Gables.

## I. AUTHORIZED REPRESENTATIVE

*The foregoing is a statement of facts.*

31. SIGNATURE



32. DATE

11/02/2018

33. NAME AND TITLE

John McWilliams, P.E., Senior Vice President



1. SOLICITATION NUMBER (If any)  
2018-017

*(If a firm has branch offices, complete for each specific branch office seeking work.)*

2a. FIRM (or Branch Office) NAME Kimley-Horn and Associates, Inc.			3. YEAR ESTABLISHED 1995	4. UNIQUE ENTITY IDENTIFIER 061099131
2b. STREET 355 Alhambra Circle, Suite 1400			5. OWNERSHIP	
2c. CITY Coral Gables			2d. STATE FL	2e. ZIP CODE 33134
6a. POINT OF CONTACT NAME AND TITLE Burt Baldo, P.E./Principal-in-Charge			a. TYPE Corporation	
6b. TELEPHONE NUMBER 305.479.2025			b. SMALL BUSINESS STATUS No	
6c. E-MAIL ADDRESS Burt.Baldo@kimley-horn.com			7. NAME OF FIRM (If block 2a is a branch office) APHC, Inc.	
8a. FORMER FIRM NAME(S) (If any)			8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

## 10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM      (2) BRANCH
02	Administrative	257      3
08	CADD Technicians	103      3
12	Civil Engineers	1230      32
23	Environmental Engineers	17      1
39	Landscape Architects	122      5
48	Project Managers	164      2
65	Technical Support	295      7
58	Technician/Analysts	401      10
60	Transportation Engineers	301      4
	Other Employees	490      0
<b>Total</b>		3461      67


a. Profile Code	b. Experience	c. Revenue Index Number (see below)
C08	Codes; Standards; Ordinances	2
C10	Commercial Building; (low rise); Shopping	6
D04	Design-Build - Preparation of Requests for	3
E09	Environmental Impact Studies, Assessments	2
E11	Environmental Planning	2
G01	Garages; Vehicle Maintenance Facilities;	1
H07	Highways; Streets; Airfield Paving; Parking	6
H09	Hospitals & Medical Facilities	1
H10	Hotels; Motels	2
H11	Housing (Residential, Multifamily,	3
L03	Landscape Architecture	3
O01	Office Building; Industrial Parks	1
P05	Planning (Community; Regional; Areawide &	1
R04	Recreational Facilities (Parks; Marinas; etc.)	2
R13	Roadway Design	10
S04	Sewage Collection, Treatment & Disposal	1
S07	Solid Wastes; Incineration; Landfill	3
S13	Stormwater Handling & Facilities	2
T03	Traffic & Transportation Engineering	3
U02	Urban Renewals; Community Development	4
W02	Water Resources; Hydrology; Ground Water	3
W03	Water Supply; Treatment and Distribution	1

## PROFESSIONAL SERVICES REVENUE INDEX NUMBER

a. Federal Work	1
b. Non-Federal Work	8
<b>c. Total Work</b>	<b>8</b>

1. Less than \$100,000
2. \$100,000 to less than \$250,000
3. \$250,000 to less than \$500,000
4. \$500,000 to less than \$1 million
5. \$1 million to less than \$2 million
6. \$2 million to less than \$5 million
7. \$5 million to less than \$10 million
8. \$10 million to less than \$25 million
9. \$25 million to less than \$50 million
10. \$50 million or greater

*The foregoing is a statement of facts.*

a. SIGNATURE		b. DATE
		11/02/2018
c. NAME AND TITLE		
John McWilliams, P.E., Senior Vice President		

1. SOLICITATION NUMBER (If any)  
2018-017

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (or Branch Office) NAME Kimley-Horn and Associates, Inc.			3. YEAR ESTABLISHED 1983		5. UNIQUE ENTITY IDENTIFIER 061099131	
2b. STREET 600 North Pine Island Road, Suite 450			5. OWNERSHIP			
2c. CITY Plantation		2d. STATE FL	2e. ZIP CODE 33324			
6a. POINT OF CONTACT NAME AND TITLE John J. McWilliams, Project Manager/Vice President			a. TYPE Corporation			
6b. TELEPHONE NUMBER 954.535.5100			b. SMALL BUSINESS STATUS No			
6c. E-MAIL ADDRESS John.McWilliams@kimley-horn.com			7. NAME OF FIRM (If block 2a is a branch office) APHC, Inc.			
8a. FORMER FIRM NAME(S) (If any)			8b. YEAR ESTABLISHED		8c. UNIQUE ENTITY IDENTIFIER	

### 10. PROFILE OF FIRM'S EXPERIENCE

#### ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Function Code	b. Discipline	c. No. of Employees	
		(1) FIRM	(2) BRANCH
02	Administrative	257	4
12	Civil Engineers	1230	27
13	Communications Engineers	30	3
15	Construction Inspectors	12	1
63	Design Technicians	83	2
26	Forensic Engineers	3	1
47	Planners: Urban/Regional	72	0
48	Project Managers	164	2
65	Technical Support	295	10
58	Technician/Analysts	402	11
60	Transportation Engineers	301	9
62	Water Resources Engineers	44	1
	Other Employees	487	0
	<b>Total</b>	3380	71

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
A05	Airports; Navaids; Airport Lighting; Aircraft	4
A06	Airports; Terminals; & Hangars; Freight	4
C10	Commercial Building; (low rise); Shopping	4
C12	Communications Systems; TV; Microwave	3
E04	Electronics	3
G01	Garages; Vehicle Maintenance Facilities;	4
H07	Highways; Streets; Airfield Paving; Parking	4
H10	Hotels; Motels	2
H11	Housing (Residential, Multifamily,	4
I04	Intelligent Transportation Systems	4
L03	Landscape Architecture	3
P05	Planning (Community; Regional; Areawide &	2
P06	Planning (Site, Installation and Project)	2
P12	Power Generation, Transmission,	2
R03	Railroad and Rapid Transit	6
R04	Recreational Facilities (Parks; Marinas; etc.)	4
S01	Safety Engineering; Accident Studies; OSHA	2
S04	Sewage Collection, Treatment & Disposal	2
S13	Stormwater Handling & Facilities	2
T03	Traffic & Transportation Engineering	6
U02	Urban Renewals; Community Development	3
W02	Water Resources; Hydrology; Ground Water	2


**11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS**  
*(Insert revenue index number shown at right)*

a. Federal Work	1
b. Non-Federal Work	8
<b>c. Total Work</b>	<b>8</b>

## PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than \$100,000
2. \$100,000 to less than \$250,000
3. \$250,000 to less than \$500,000
4. \$500,000 to less than \$1 million
5. \$1 million to less than \$2 million
6. \$2 million to less than \$5 million
7. \$5 million to less than \$10 million
8. \$10 million to less than \$25 million
9. \$25 million to less than \$50 million
10. \$50 million or greater

*The foregoing is a statement of facts.*

a. SIGNATURE	c. DATE
	11/02/2018
c. NAME AND TITLE	
John McWilliams, P.E., Senior Vice President	

1. SOLICITATION NUMBER (If any)  
2018-017

(If a firm has branch offices, complete for each specific branch office seeking work.)

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees (1) FIRM (2) BRANCH		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
02	Administrative	10	1			
48	Project Manager	3	1			
53	Scheduler	4	1			
	Field Staff	47	4			
				T03		6
<b>Total</b>		64	7			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	1	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	6	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	6	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

The foregoing is a statement of facts.

a. SIGNATURE <i>Diana Leon</i>	b. DATE 10-31-2018
c. NAME AND TITLE Client Manager	



## 7. Minimum Qualification Requirements

As evidenced in our Standard Form 330, Kimley-Horn has been regularly engaged for more than the minimum of 5 years providing the services similar in scope and size as described in the RFQ. The firm is also a currently active corporation authorized to transact business in the State of Florida as our certification confirms below.

***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 Detmer*  
**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>

The firm is licensed by the State of Florida's Board of Professional Engineers, Board of Landscape Architecture, Board of Professional Surveyors and Mappers, and Board of Professional Geologists. Kimley-Horn's professional registration and licenses are included within **Section I; Schedule D**

As noted below, our project manager is a licensed Professional Engineer in the State of Florida and exceeds the minimum of five years of experience providing services similar in scope provided to government agencies at the municipal/local government level or higher. He has more than the minimum of 5 years of experience as evidenced in his Standard Form 330 Section E resume.

**State of Florida**


**Board of Professional Engineers**

Attests that

**John Joseph McWilliams, P.E.**

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

Expiration: 2/28/2019  
Audit No: 228201908126 R



**FBPE**  
FLORIDA BOARD OF PROFESSIONAL ENGINEERS  
P.E. Lic. No:  
**62541**

We have also included all key personnel professional licenses as applicable in **Section II; ii. For Key Personnel; Item 1.**



## 8. SBE/MBE Statement

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Kimley-Horn is not a certified Small Business (SBE) or Minority/Women Business Enterprise (M/WBE) firm, but through corporate policies and philosophy, the firm actively seeks to encourage and promote the use of M/WBE and SBE firms. Kimley-Horn has a company policy of meeting or exceeding our clients' stated minority business participation goals.

We provide interested minority/women firms with the opportunity to serve as a subconsultant on our teams and, actively seek to increase and update our large database of qualified M/WBE/SBE firms to use on future projects. Our aggressive M/WBE and SBE utilization policy ensures that Kimley-Horn is furthering the positive economic development momentum that the state of Florida advocates through the use of M/WBE/SBE businesses by its contractors.





## Section II: EXPERIENCE AND QUALIFICATIONS

(i) FOR PROPOSER

### 1. Firm Background and History

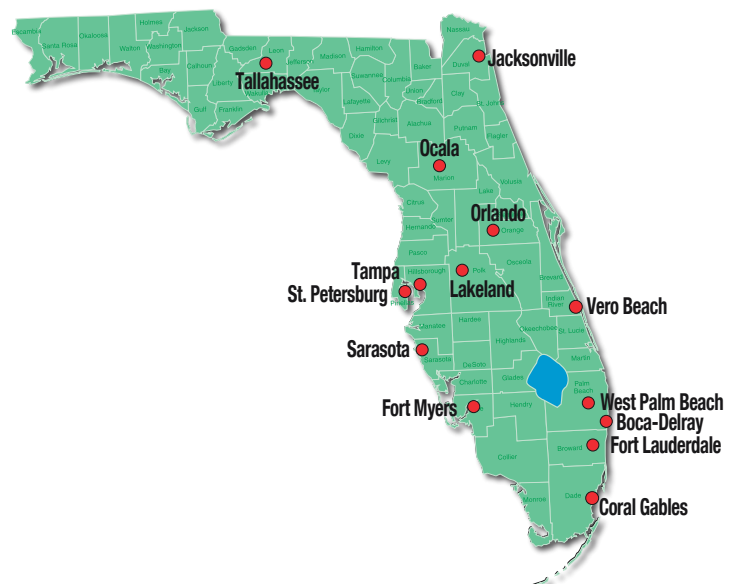
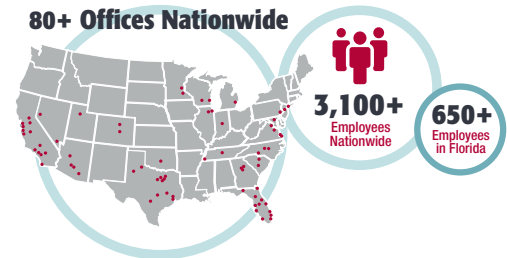
Kimley-Horn is a full-service planning, environmental, and engineering consulting firm specializing in transit and multimodal development projects. As the lead consultant, Kimley-Horn will have contractual responsibility with the City of Coral Gables. We have the depth of leadership and technical resources to support you on this project, including more than 650 professionals in Florida and a full-service local Coral Gables office.

**Kimley-Horn** has been providing transportation consulting services in Florida for more than 51 years. We are creative problem solvers who utilize a collaborative approach with our clients to realize cost effective and successful designs. Our history means you can count on us to be there from project inception to completion. With more than 3,100 professionals and support staff nationwide (and more than 650 personnel in Florida alone), we have the right talent and resources immediately available to deliver this project on time and within budget. **More importantly, we have highly experienced local, available staff with the right skill sets to deliver this project.**

No matter the project's size, Kimley-Horn's core values propel us to concentrate on the exceptional client service we pledge on every project. We take pride in our staff's responsiveness and willingness to fulfill the high expectations our firm requires and our clients expect. These core values make Kimley-Horn the most dependable choice for the City of Coral Gables. Our knowledge and understanding of the area has grown significantly with our decades of service in the community. We are confident that our local presence and sensitivity to the community's concerns will benefit the City by providing you with unmatched accountability, responsiveness, and value.

*Kimley-Horn's variety of in-house services includes:*

- Transportation Planning and traffic engineering
- Multimodal planning and complete streets
- Urban design and planning
- Bicycle and pedestrian planning
- Public transit
- Visioning/public involvement programs
- Landscape architecture
- Parking management
- Modeling/data analysis
- Roadway design
- Land development and land use planning
- Permitting and approvals
- Regulatory agency planning, coordination, and liaison
- LEED/green design, sustainability
- Environmental services
- Geographic Information Systems (GIS)/mapping services
- Grant funding, loan, and other intergovernmental funding assistance
- Construction administration





# Traffic Impact Study Consulting Services; RFQ 2018-017

## Office Location

Fully staffed with 66 employees, Kimley-Horn intends to assist the City from our local Coral Gables office, located less than a half-mile from City Hall and 10 minutes from the Public Works Department. We will work with the City to establish the schedule and scope of work, and serve in close proximity as the direct contact with the City for the duration of the assignment. Our Coral Gables office will be supported by our Fort Lauderdale and West Palm Beach offices. Additionally, our experts throughout the state and across the country are available for technical support to ensure timely completion and fulfillment of project goals.

### Kimley-Horn and Associates, Inc.

355 Alhambra Circle, Suite 1400  
Coral Gables, FL 33134  
305.673.2025

CITY OF CORAL GABLES, FLORIDA				CUST. NO. 225870	
LOCAL BUSINESS TAX RECEIPT				RECEIPT NO.	
ANNUAL FIRE INSPECTION FEE RECEIPT				BT-0025013638	
THIS IS NOT A BILL-DO NOT PAY				2018-2019	
<b>BUSINESS NAME:</b> KIMLEY-HORN AND ASSOCIATES INC		<b>LOCATION:</b> 355 ALHAMBRA CIR			
<b>DBA NAME:</b> KIMLEY-HORN AND ASSOCIATES INC		1400			
<b>CLASSIFICATION:</b>	<b>NO. OF UNITS</b>	<b>UNIT DESCRIPTION</b>	<b>AMOUNT PAID: \$ 317.00</b>		
1 PROFESSIONAL SVC-PA, LLC, ETC	0				
2					
3					
4					
5					
6					
<b>SQUARE FOOTAGE OF SPACE:</b> 3238		<b>BUSINESS TAX RECPT RENEWAL</b>		<b>VALID ONLY AT LOCATION ABOVE.</b>	
** This receipt does not constitute authority to begin operating at this location without a Certificate of Use and Inspection Approval **				<b>RECEIPT EXPIRES 09/30/2019</b>	

## Firm Credentials

**Date of Incorporation:** February 10, 1967  
(Incorporated in the state of NC)

**Number of Years in Business:** 50

**Federal Identification Number (FEIN):** 56-0885615

**Corporate Charter Number:** 126896

**Professional License Number:** 00000696

**Florida Corporate Charter Number:** 821359

**Firmwide Employees:** 3,362

**Florida Employees:** 680



# Traffic Impact Study Consulting Services; RFQ 2018-017

## Proof of Licenses/Certifications

As noted in Section I, Schedule D, copies of our licenses and certifications are provided.

## Capabilities

Kimley-Horn has a long history of being a successful consultant to local government clients. We have served more than 100 cities, counties, and local government clients throughout Florida—and more than 50 of these municipalities have chosen Kimley-Horn as their on-call consultant. Throughout the firm's growth, we have come to appreciate the value and importance of remaining true to our roots as a small firm; focusing our attention on our local clients and providing them with the personalized and responsive service they require and expect. We pride ourselves in our ability to tailor our traffic engineering/transportation planning services to our clients' needs.

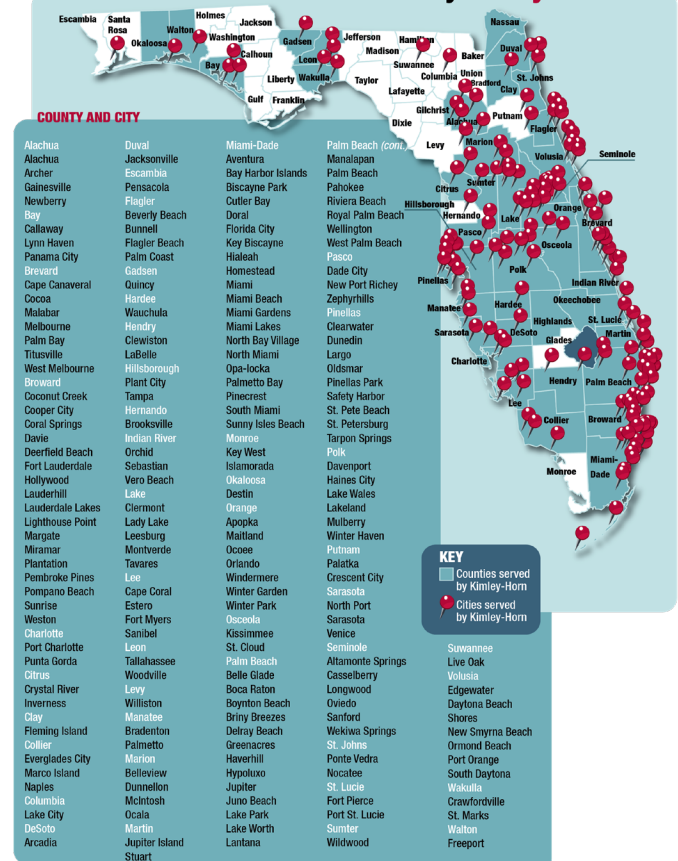
Initially founded by traffic engineers, traffic impact studies are the foundation of the firm. Our South Florida traffic engineering teams has performed thousands of traffic impact studies for developments since establishing our first Florida office in 1967. Performing traffic impact studies is one of the core tasks that nearly all entry-level traffic professionals learn and master within the firm. This required skill provides the depth of staff to address multiple study teams and accelerated schedules. For this particular contract, we proposed multiple traffic impact studies to handle large multiple assignments from the City.

Our vast technical expertise and experience in performing traffic impact studies is of significant benefit to the City as our staff understands the technical aspects, methodologies, assumptions inherently built into the analysis tools and resources used to perform them. Many firms can perform traffic impact studies, but our team can effectively interpret the results, troubleshoot analysis issues, and explain the technical information to non-professionals and elected officials with confidence.

## Data Collection

Our partner, **National Data & Surveying Services (NDS)** will be perform the data collection for this contract. Founded in 1989, NDS was established to deliver accurate and cost-effective solutions to their client's traffic, transit and GIS/GPS data collection. NDS an outstanding team of 100 professional full-time employees strictly focused on data collection assignments that will ensure the successful and timely completion of all assignments. National Data & Surveying Services has performed numerous traffic/transit data collection analysis for clients/jurisdictions throughout South Florida including in the City of Coral Gables. They currently have more than 300 clients on their active/repeat customer list and have completed over 2,000 jobs in the last 12 months nationwide. NDS utilizes the newest technologies to efficiently and accurately collect traffic data including temporary video surveillance, Global Positioning System (GPS) technologies, Wavetronix Digital Wave Radar, video-capable travel time data collection hardware, and drone-based data collection. The use of advanced technology to collect traffic data enables NDS to collect data quickly and at multiple locations. All data collection efforts are conducted in accordance with relevant data collection guidelines including those published by the Federal Highway Administration and the Manual of Traffic Engineering Studies prepared by the Institute of Transportation Engineers. NDS is proficient in all areas of data collection needed for this contract including intersection turning movements counts, roadway segment/classification counts, travel time and delay studies, queuing studies, origin-destination studies, transit ridership studies, and parking demand studies.

### Florida Governments Served by Kimley-Horn





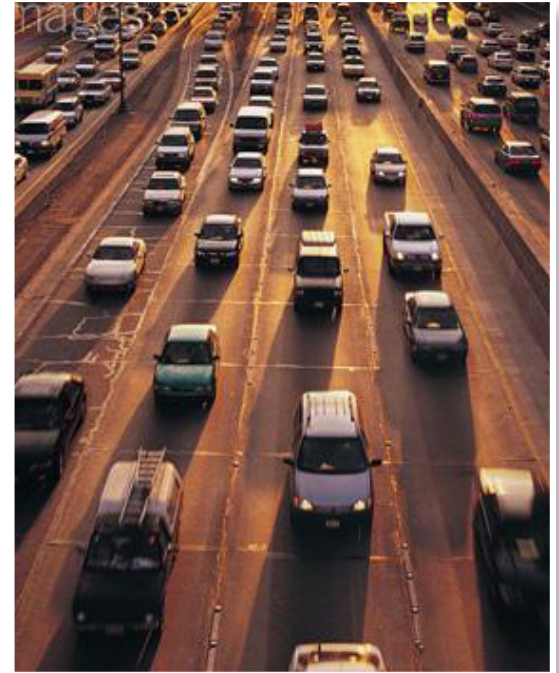


# Traffic Impact Study Consulting Services; RFQ 2018-017

## Project Traffic Development

Kimley-Horn's longstanding history as leaders in the traffic engineering industry provides us with a strong technical basis to estimate a project's expected trip generation including vehicle trips, transit ridership, and bicycle/pedestrian trips. Kimley-Horn has developed customizable software that can estimate a project's trip generation including mode split, internalization, and pass-by trips, where applicable. These streamlined databases allow for quick analyses of multiple scenarios to determine the most accurate methods for estimating development trips. Trip generation estimates are based upon the latest publications from the Institute of Transportation Engineers.

Project traffic distribution and assignment is typically developed using the Miami-Dade Transportation Planning Organization's (TPO's) Directional Distribution Report, often referred to as the Cardinal Distribution. This report is based upon analyses conducted using the Southeast Florida Regional Planning Model known as SERPM. Although the Cardinal Distribution is often sufficient for purposes of identifying the general patterns, some cases may require the use of the SERPM model. Kimley-Horn routinely uses the SERPM model in large public-sector projects and can easily apply our expertise to this contract. Given the complex technical requirements, very few firms can perform SERPM analyses.



## Future Traffic Projections

Future traffic projections require an understanding of historic traffic trends, future regional traffic growth projections from both population growth and development projects approved by not yet constructed in and around the City of Coral Gables. The Kimley-Horn team, through our significant private sector experience within the City, as well as our involvement in major public-sector projects for the Florida Department of Transportation and the Miami-Dade TPO. Kimley-Horn's unique balance of current public and private sector experience in the area is an asset to this contract.

## Operational Analyses

Typical operational analyses tools used for this contract will include Trafficware's Synchro software for intersections and FDOT's LOS-PLAN software's ART-PLAN module for multimodal corridor analyses. Kimley-Horn staff uses both of these software tools on a daily basis and, because of our extensive use, understands the unique issues of each software. Over the years, we have developed solutions to numerous software issues in order to obtain accurate level of service results. We understand that inputs that are required for these tools and how they impact the results. This is critical in the identification of important transportation deficiencies and effective mitigation solutions.

## Public Meetings

Once the traffic impact analysis is complete, the results must be effectively conveyed to City staff, elected officials, and the residents of the City. It is imperative that outcomes of each study be clearly communicated in order for this contract to be successful and further the community's trust in this process. Kimley-Horn's depth in both mid- and senior-level professionals with significant speaking experience is critical to this aspect of the contract. These staff members have experience addressing specific questions from the public





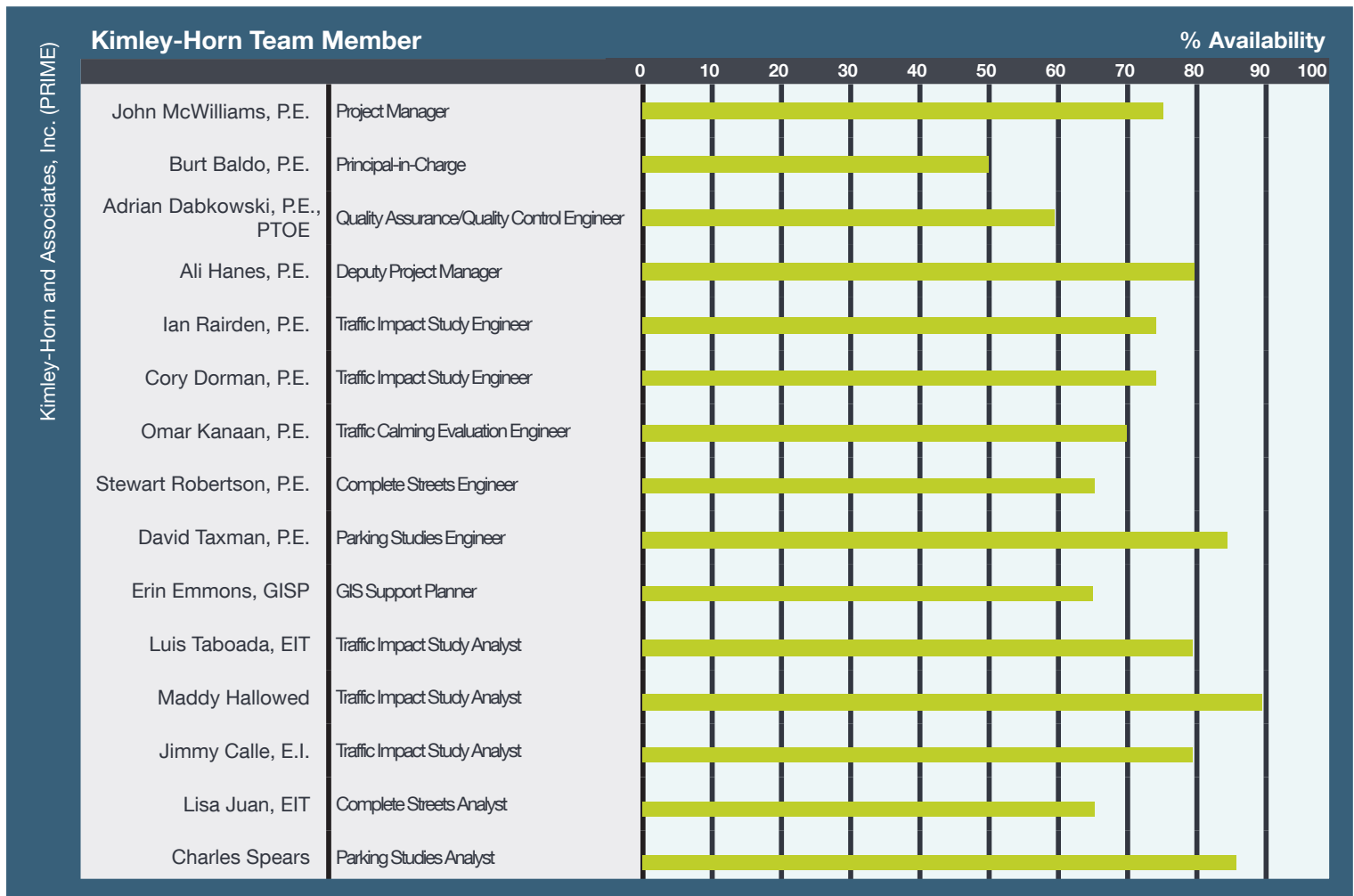
## Traffic Impact Study Consulting Services; RFQ 2018-017

at community meetings and at public hearings with both Board members and City commissioners. Kimley-Horn truly provides the City of with team of professionals at all experience levels providing key redundancies to handle large and simultaneous assignments.

### Capacity

With over 400 traffic engineering/transportation planning professionals firmwide, more than 60 in Florida, and 29 within South Florida, Kimley-Horn capacity to perform the tasks in this contract are unmatched. We have specifically identified two (2) independent traffic impact study teams to perform independent studies for the City at the same time. The table below summarizes each team members capacity:

## INDIVIDUAL TEAM MEMBER AVAILABILITY







## 2. Relevant Experience and Proven Track Record

Preparing and reviewing traffic impact analyses has been a major part of our profession since founding our Florida office in 1967. We understand that transportation must be quantified and documented based on an analysis which considers how many trips are generated, how they are assigned to the transportation system, and over what time periods. Existing traffic and future conditions, with and without the project, must be considered. Kimley-Horn engineers have developed access and circulation plans for numerous mixed-use developments ranging from one-half acre to more than 6,000 acres. Moreover, our firm has prepared the circulation elements of specific plans for a number of large development projects. In addition, we have conducted several special-event generated traffic and circulation studies for destination resort developments.

Our staff has reviewed or performed hundreds of traffic impact studies, from minor infill developments to large scale multi-use developments with major impacts on the transportation system. We understand that the traffic impacts from non-typical uses such as a tourist attractions, large casinos, and multi-screen theaters can have significant impacts on the transportation system at times other than traditional peak traffic hours. Kimley-Horn has the proven expertise to identify what types of improvements or mitigation measures are warranted and assess their respective impacts. In addition to operational impacts, we can also identify impacts on pedestrians, bicycles, and transit users.

We have in-house land use and multimodal transportation modeling capabilities utilizing software packages such as TRANPLAN/SERPM, TransCAD, VISSIM, SYNCHRO, and SIDRA and have applied this expertise to regional transportation system plans as well as corridor and interchange studies. As a result of our extensive experience in traffic impact assessments, we understand what type of data is needed to determine needs, solutions, and impacts. We know when and how to perform all traditional traffic engineering studies, including volume studies (turning movement and link volumes), gap and delay studies, speed and travel time studies, origin-destination studies, safety studies, and parking studies.

Our standard traffic analysis approach includes:

- Defining the project (identifying specific land uses and site configurations)
- Identifying the study area
- Collecting traffic data (as needed)
- Documenting existing conditions
- Performing trip generation/distribution
- Evaluating traffic impacts/concurrency
- Assessing neighborhood impacts
- Identifying deficiencies and needed improvements

Kimley-Horn has served more than 100 cities, counties, and local governments throughout Florida with more than 50 on-call contracts with these agencies. We have several as traffic engineering consultants for numerous municipalities within the State and in South Florida. Refer to Section I, Item 6, Standard Form 330 – Section F for a more compressed summary of our key relevant experience and track record. The following write-ups summarize some of our current, ongoing experience:



## Traffic Impact Study Consulting Services; RFQ 2018-017



### City of Aventura Traffic Engineering Services Consultant

Kimley-Horn has been providing traffic engineering services to the City of Aventura since 2007. Task assignments have included the review of traffic impact studies, site plans, and parking studies performed by private developers. Primary responsibilities included study methodology coordination, traffic impact study and site plan review, and coordination with other City departments. Task also included performing traffic operations analyses, GIS support services, and minor design tasks for City initiated projects. This contract is ongoing.

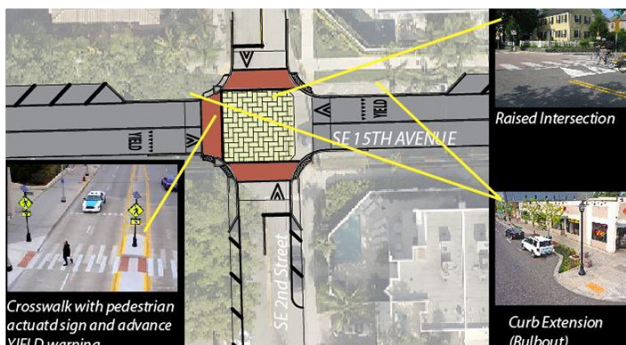
### City of Miami Transportation Program Support Services Consultant

Kimley-Horn has provided support to the City of Miami Transportation Program since 2013. Task assignments include traffic operations analysis, transportation planning studies, traffic calming studies/plan development, complete streets studies, transit planning and GIS database support. Kimley-Horn has been the primary consultant in the development of traffic calming plans for numerous City neighborhoods that includes data collection, analysis, plan development, and public meetings. Kimley-horn has also provided ongoing in-house/on-call staffing support to the City. This contract is ongoing.



### City of Cooper City Traffic Engineering Consultant

Kimley-Horn has serves as the City of Cooper City's traffic engineering consultant since 2001. Similar to the City contract, developers have the option of retaining a consultant to perform a traffic impact study for submittal to the City or request the City perform the traffic impact study by Kimley-Horn. Tasks have primarily consisted of the review of traffic impact studies, queueing studies, and operations analysis submitted by others. Assignments have included performing independent impact analysis for proposed development on behalf of the City. This contract is ongoing.



### City of Fort Lauderdale General On-Call Traffic Engineering Services Consultant

Kimley-Horn has continuously served traffic engineering consultant to the City of Fort Lauderdale since 2006. Assignments include the review of traffic impact studies, site plans, and parking studies performed by private developers. Primary responsibilities included study methodology coordination, traffic impact study and site plan review, and coordination with other City departments. Task also included performing traffic operations analyses, GIS support services, and parking studies. This contract is ongoing.





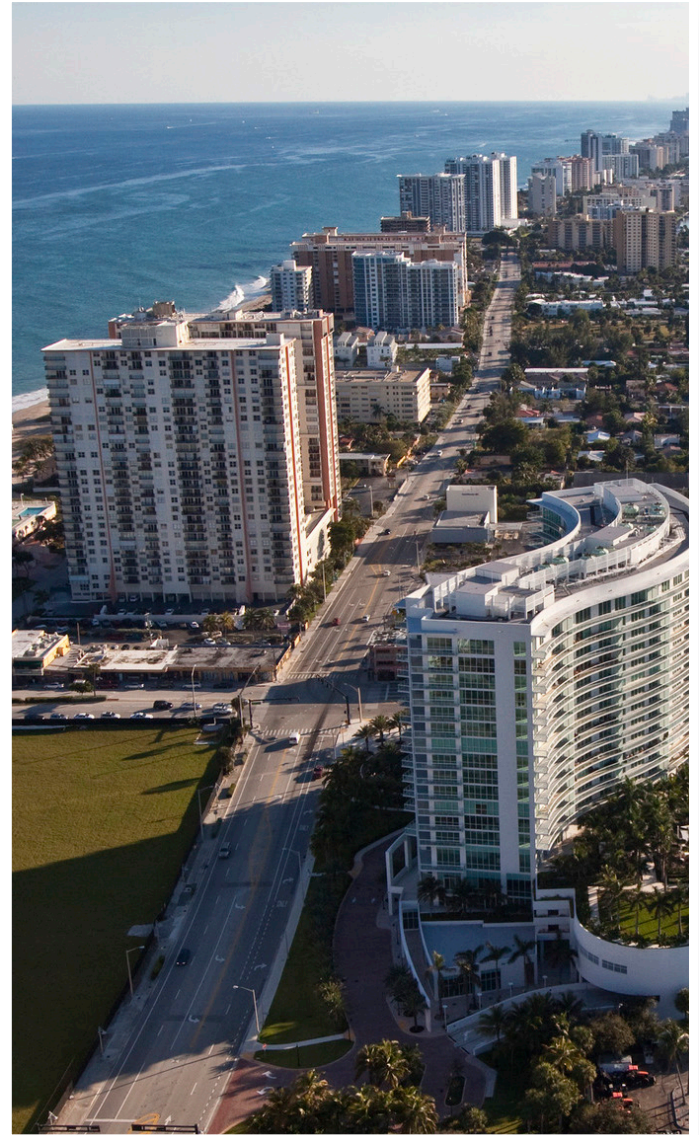
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### City of Pompano Beach Transportation Engineering Services Consultant

Kimley-Horn has been serving the City of Pompano Beach since 2015. Major tasks included the traffic engineering support services for a major City-initiated land use plan/code amendment known as East Transit Oriented Corridor (ETOC) to implement a form-based code along Atlantic Boulevard, a major transportation corridor. Tasks for that effort included traffic data collection, travel demand/SERPM modeling, travel time and delay studies/analyses, traffic calming analysis, and the development of future traffic impact study requirements for new developments. Tasks including multiple Citywide public workshops solely focused on transportation. Kimley-Horn is currently performing reviews of traffic impact studies submitted by developments within the new ETOC area. This contract is ongoing.

### Florida Department of Transportation District Six Intermodal Systems Planning (ISP) Consultant

Kimley-Horn has been serving as one of FDOT's ISP consultants on major tasks including corridor studies, intersection planning studies, bicycle/pedestrian strategic plans/program support, and growth management reviews. Kimley-Horn assist FDOT District Six with the review of all comprehensive land use plans amendment within Miami-Dade and Monroe Counties to determine if the transportation impacts associated with these amendments will have an adverse impact of transportation resources of state importance including the Strategic Intermodal System (SIS). Recent operational tasks include performing a roundabout operational analysis/feasibility study at the intersection of SR 972/Coral Way and SW 15th Road in Miami, Florida.



### Florida Department of Transportation District Six Traffic Operations Consultant

Kimley-Horn has been providing traffic operations support the District under this contract since 2013. Tasks primarily consistent of address specific citizen concerns regarding operations and safety on state roadways. Tasks have included crash analysis, field reviews, operations analysis, improvement identification/conceptual design, cost estimating, and reporting.

In addition to relevant public-sector experience in traffic operations and traffic engineering studies, Kimley-Horn's experience in performing traffic impact studies on behalf of private development is unparalleled. Kimley-Horn has performed thousands of traffic impact studies within Miami-Dade County including many in the City of Coral Gables. Major notable development projects in which Kimley-Horn performed traffic impact studies for include Brickell City Centre, Miami World Center, Design District, Miami Midtown, and Plaza Coral Gables.



### 3. Ability and Expertise Working with Other Disciplines

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Kimley-Horn is a multi-disciplinary firm. Therefore, coordination between disciplines is an inherent part of every workday. Performing traffic impact studies and the associated site plan reviews must be carefully coordinated with other professionals performing review on behalf of the City for other departments. Results of the traffic impact study often generate site plan modifications and must be addressed collectively by multiple reviewers. Through our experience performing traffic impact studies for the private sector and reviewing traffic impact studies for the public sector, we have identified the typical areas that require close coordination between reviewers from other disciplines:

- **Site Access Improvements/Modifications** – Site driveway deficiencies are often identified as part of the traffic impact study including the need to additional turn lanes, inadequate spacing from adjacent intersections, and conflicts with adjacent driveways.
- **Parking Garage Access/Design Modifications** – Parking garage modifications are often required when maneuverability analyses indicate deficient geometries associated with conflicting turning radii, terminating parking aisles, and structural column conflicts.
- **Adjacent Intersection Improvements** – Project impacts can often warrant improvements to the adjacent intersection that may impact the public right-of-way or the development site in order to accommodate additional improvements such as turn lanes and signal modifications.
- **Loading Area Modifications** – Maneuverability analyses performed as part of the traffic impact study can often identify deficiencies in the offsite loading design which, if left unaddressed, will require delivery and service vehicles to load in the public right-of-way. Modifications to the building footprint are often required to address this issue.
- **Multimodal Improvements** – Consistency with the City's multimodal goals and planning efforts, the site plan may require modification to accommodate adequate bicycle and pedestrian facilities to encourage alternative modes of transportation.

In addition, coordination with other City disciplines is important in identifying accurate development plan assumptions needs to perform the traffic impact study as it relates to allowable density, FAR requirements, driveway/parking code requirements, etc. Therefore, it is important that all reviewers coordinate on a regular basis to ensure that a comprehensive and collaborate review is completed in a timely manner on behalf of the City.



### 4. Similar Projects with Significant Community and Business Involvement

Kimley-Horn has extensive experience in performing projects that require community and business involvement. Given the nature of this contract, it is imperative that the City's consultant be an effective communicator with the public and the business community. Our project team has routinely presented to the public through project community meetings, civic associations, and public hearings in and around the City of Coral Gables. All professional engineers on the Kimley-Horn team proposed for this contract have experience speaking in from our groups, boards, and commissions. John McWilliams, our project manager, has extensive experience working with the public and non-technical audience. The following are some specific project examples performed within the last year by the proposed team that involved significant community and business involvement:

#### **City of Pompano Beach East Transit Oriented Corridor (ETOC) Land Use Plan/Zoning Amendments**

The City of Pompano Beach successfully completed both a land use plan amendment and zoning code changes within the core of the City along Atlantic Boulevard referred to as the East Transit Oriented Corridor (ETOC) to allow for mixed-use development for an area that previously only permitted commercial uses. In addition, the City implemented a form-based code for the ETOC. The City retained Kimley-Horn to perform several related traffic tasks to address resident and business concerns resulting from the proposed changes. Kimley-Horn led three (3) separate Citywide ETOC transportation workshops that specifically addressed the project's actual impacts and potential solutions and answered questions from the adjacent neighborhoods. In addition, Kimley-Horn made numerous presentations the City's Community Redevelopment Association (CRA) Board, Planning and Zoning Board, and City Commission over a span of two (2) years.

#### **FDOT District Six Coral Way Roundabout Feasibility Study**

The Intermodal Systems Development (ISD) office of FDOT District 6 retained Kimley-Horn to perform a roundabout feasibility evaluation for the intersection of SR 972/SW 13th Street/SW 3rd Avenue at SW 15th Road in Miami, Florida. Once the conceptual evaluation determined the project was feasible, the District commissioned Kimley-Horn to perform extensive public outreach to the neighborhoods in the area as well as the elected officials. Kimley-Horn coordinated, attended, and presented at the Brickell Homeowner's Association and The Roads Civic Association on multiple occasions while conducting an independent publicly noticed workshop in area. Additionally, Kimley-Horn attended individual meetings with City Commissioners, Mayor, and the Miami-Dade TPO Director to garner support for the project and answer any questions. The project recently received official support from the City of Miami Commission and will be programmed for implementation soon.

#### **City of Miami Neighborhood Traffic Calming Studies**

The City of Miami retained Kimley-Horn to perform multiple traffic calming studies at several neighborhoods including The Roads, Silver Bluff, Shenandoah, Grapeland, Spring Garden, Natoma Manors, and Buena Vista, and La Pastoria. As part of the development of each calming plan, multiple neighborhoods meetings were held during each stage of the project. The initial meetings provided a forum for neighbors to identify issues and voice concerns while subsequent meetings presented to results of the analysis and the proposed plan allow residents to provide further input. Public officials also attended these meetings. Kimley-Horn prepared for, attended, and led the presentations at all public meetings for these projects. The City of Miami is now programming projects in phases as funds become available.

Routine communications with both the residents and business community has become vital to the success of Kimley-Horn projects and the overall success of our Clients. We pride ourselves on our ability to connect with the public and provide them with the facts needed to make an informed decision on their support of each project.





(ii) FOR KEY PERSONNEL

## 1. Summary of Qualifications



### **John McWilliams, P.E. – Project Manager**

John has 20 years of traffic engineering and transportation planning experience in South Florida. This experience includes hundreds of traffic impact studies, corridor studies, operational analyses, and signalization design. He has been successful in developing creative operational roadway improvements in constrained areas throughout the area by combining his transportation planning knowledge with his expertise in design. John has served as project manager for over 400 traffic impact studies within various municipalities and unincorporated Miami-Dade County.



### **Ali Hanes, P.E. – Deputy Project Manager**

Ali has 10 years of diverse transportation engineering experience which includes traffic impact studies, intersection capacity analysis, signal warrant analysis, transit planning, safety studies, and bicycle/pedestrian mobility analysis. She is familiar with City staff and processes having served as deputy project manager on the recent Multimodal Transportation Planning and Engineering contract for Coral Gables. She's also currently serving as project engineer for the 44 Zamora Residential Development and has performed over 100 traffic impact studies.



### **Burt Baldo, P.E. – Principal-in-Charge**

Burt has 25 years of extensive experience in the fields of highway design, drainage design, and traffic operations plans. His principal areas of practice include roadway design, preliminary engineering studies, drainage design, stormwater permitting, pavement design, utility coordination, maintenance of traffic, roadway lighting design, signing and pavement marking, traffic signalization, and traffic planning. Burt provided traffic operational analyses for nine intersection locations for the Miami-Dade County Public Works Department and roadway improvements on NE 17th Street, NE 17th Terrace, NE 2nd Avenue, N Miami Avenue, and Biscayne Boulevard for the Bayview Market Place in Miami-Dade County.



### **Adrian Dabkowski, P.E., PTOE – Quality Assurance/Quality Control**

Adrian has 16 years of traffic/transportation engineering experience related to traffic operations, corridor studies, long-range transportation improvement plans, access management, and alternative intersection development. He recently served as project manager on the preparation of a comprehensive study of the access, circulation, level of service, design and function of the primary roadways in Downtown Miami and developed pedestrian-friendly recommendations for improvements consistent with the City of Miami's mobility goals. He also served as lead traffic engineer for neighborhood traffic calming studies in both Miami and South Miami, where he analyzed the feasibility of creating more-pedestrian friendly streets and reducing cut-through traffic.



### **Ian Rairden, P.E. – Traffic Impact Study Team 1**

Ian is a project engineer with 14 years of experience. He is proficient with Highway Capacity Software (HCS) and Synchro software packages and has experience with the Southeast Regional Planning Model (SERPM) based on the Florida Standard Urban Transportation Model Structure (FSUTMS). Ian's background includes both private and public sector work. Ian's local private experience includes traffic impact analyses and parking studies in Miami-Dade, Broward, and Palm Beach counties, and he was responsible for leading the MDT local bus transit surveys. Recent project experience includes Sunnylea Commercial Development, Baywinds PUD, and ALDI at Florida City Center. He was also involved in the Coral Gables Villa Madeira project.



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### **Luis Taboada, EIT** – *Traffic Impact Study Team 1*

Luis has three years of experience as a transportation analyst. He is experienced in Esri ArcGIS, Synchro, Microsoft Project, traffic crash data analysis, and Microstation (CAD). Luis is serving as the project analyst for the Transportation Program Support Services contract with the City of Miami, providing oversight of projects encompassing traffic calming, transit, pedestrian and bicycle, planning, and development activities. Luis has performed multiple traffic impact studies in South Florida including Mana Wynwood special aread plan, Miami Herald Site, Magic City and 44 Zemora Avenue.



### **Elizabeth Perez, E.I.** – *Traffic Impact Study Team 1*

Eli has worked on just over 30 traffic impact studies in Miami-Dade County. Some of her most notable projects including PortMiami/Cruise Boulevard Traffic Study, Coconut Grove Playhouse Redevelopment, and The Underline. In addition, she has been involved on traffic impact studies for Coral Gables including the Coral Way Roundabout Operational Analysis and Plaza Coral Gables. Eli has significant expertise in the operations of the Miami-Dade County Advanced Traffic Management System related to traffic signal timing.



### **Cory Dorman, P.E.** – *Traffic Impact Study Team 2*

As a transportation analyst, Cory has four years of experience relating to traffic operations and design experience including signal design and modification, maneuverability analyses, turn-lane analyses, all-way stop control analyses, and signal warrant analyses. He has been successful in several project studies including safety studies, traffic impact studies, bicycle and pedestrian planning studies, freight planning studies, and corridor studies. Cory is experienced with traffic impact studies in the local area having performed approximately 50 traffic studies/statements in Miami-Dade County. Projects within Coral Gables have included Gables Ponce, Life Fitness, 44 Zamora, and Mediterranean Village (fka Old Spanish Village).



### **Maddy Hollowed** – *Traffic Impact Study Team 2*

Maddy is a transportation analyst with experience working on traffic impact studies, data collection and analysis, and geographical information systems (GIS) mapping. She is serving as project analyst for a traffic assessment to analyze the potential benefit to vehicular traffic flow that is anticipated by the proposed Miami Lakes Park-and-Ride Facility and assisting with traffic engineering/impact fee study services for the Plaza Coral Gables.



### **Charles Spears** – *Traffic Impact Study Team 2*

Charles is a project analyst who assistance includes involvement in various parking and traffic engineering projects in South Florida. He has been involved in several traffic impact analysis in Miami-Dade County including Brickell City Centre (BCC) Tobacco Road, Magic City Special Area Plan, Miami Riverwalk, Miami Produce, and Starwood Hotel on Collins Avenue.





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### **Omar Kanaan, P.E. – Traffic Calming Evaluation**

Omar has more than six years of traffic/transportation engineering and transportation planning experience related to traffic calming studies, safety studies, corridor studies, traffic impact and operational studies, signal warrant analyses, and vehicle maneuverability analyses. He is proficient with Highway Capacity Software (HCS), Synchro, SimTraffic, CORSIM, AutoTurn, and ArcMap (GIS) analysis tools. Omar has served as project engineer and project manager for seven neighborhood traffic calming studies in the City of Miami including the Roads, Grapeland Heights, Spring Garden, Natomas Manors, Buena Vista, Coral Gate, and Culmer neighborhoods.



### **Jimmy Calle, E.I. – Traffic Calming Evaluation**

Jimmy has experience providing professional transportation engineering services for proposed site redevelopment. He has been involved in traffic calming improvement review, traffic impact study review, site plan circulation review, and geographical information systems (GIS) mapping. His specific project involvement includes work on numerous traffic impact studies including Blackstone Traffic and Civil Engineering Services, North Miami, FL; Collins Park Garage, Miami Beach, FL; and Main Street at Coconut Creek, Broward County, FL.



### **Stewart Robertson, P.E. – Complete Streets Analysis**

Stewart has more than 19 years of diverse transportation planning and engineering experience, with an emphasis in multimodal planning and design. His experience includes municipal and countywide multimodal planning, traffic engineering studies and reviews, travel demand analysis, corridor studies, safety studies, and geographic information systems (GIS). Stewart's particular areas of interest and expertise include helping communities overcome transportation challenges by incorporating multimodal options, enhancing accessibility to public transit and non-motorized transportation, and conducting coordination and outreach activities.



### **Lisa Juan, EIT – Complete Streets Analysis**

Lisa has more than four years of experience with transportation projects, including traffic engineering studies and transportation planning studies. Lisa prepared the geographic information systems (GIS) database for the Cost Feasible component of the 2040 Bicycle and Pedestrian Plan, as well as cost estimates and prioritization of the Needs Plan. She also developed descriptive information and conceptual graphics for the showcase projects included in the 2040 Bicycle and Pedestrian Plan. In addition, Lisa led the development of the data collection and analysis task for the City of Boynton Beach Greenways, Blueways, and Trails Plan. Lisa's experience also includes traffic safety analysis and transportation demand modeling.



### **David Taxman, P.E. – Parking Studies**

David has 13 years of parking planning and transportation engineering experience. He has been a passionate advocate for reform in parking planning practices, spearheading efforts to include Transportation Demand Management (TDM) and Mobility Best Practices. He was among the first in the parking industry to attain certification as a Parksmart Advisor and has led trainings for certifying others. He has led parking studies for municipalities, universities, hospitals, private development, and other institutions. His expertise in parking planning includes supply and demand studies, operations and management, financial feasibility studies, parking policy, technology review and specification, shared parking studies, parking privatization, and functional design of parking facilities. His practice includes parking consulting across the nation and internationally.



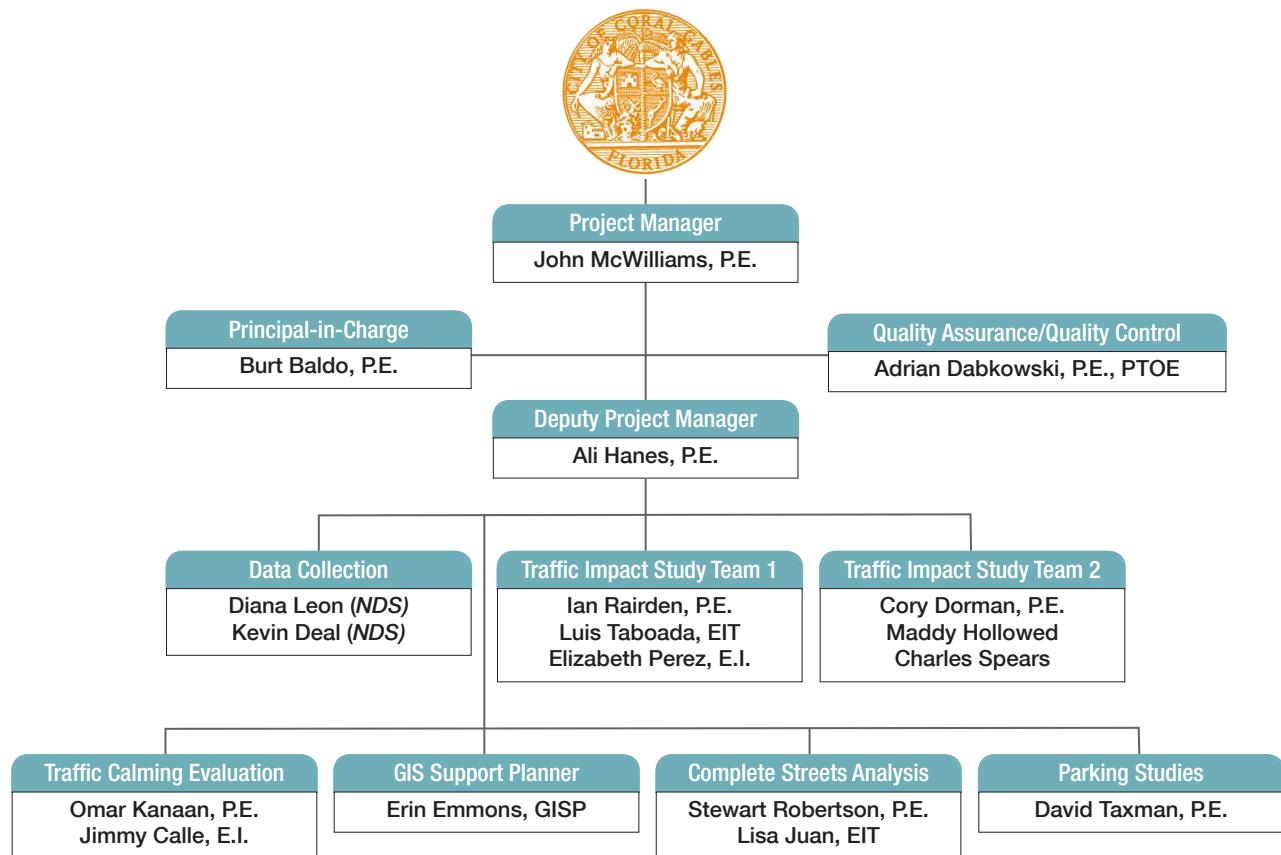
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## Subconsultant

### National Data & Surveying Services (NDS)

Founded in 1989, NDS was established to deliver accurate and cost-effective solutions to our client's traffic, transit and GIS/GPS data collection. NDS is entering our 28th year of successful corporate operations that have established us as one of the foremost, full service, traffic and transit data collection companies in the country. NDS has an outstanding team of 100 professional full time employees that will ensure the successful coordination and completion of any project. With local field crews in 15 major cities throughout the West Coast, the Southeast and the Mid-Atlantic NDS can quickly respond to all project needs. NDS leverages our experience and expertise to deliver accurate and timely data in a professional manner.

## Organizational Chart







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## Personnel Licenses/Certifications

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Burt Luis Baldo, P.E.**

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019  
Audit No: 228201909601 R

P.E. Lic. No: **53120**

**FBPE**  
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Adrian K. Dabkowski, P.E.**

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019  
Audit No: 228201902203 R

P.E. Lic. No: **78828**

**FBPE**  
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Ali Nicole Hanes, P.E.**

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019  
Audit No: 228201915224 R

P.E. Lic. No: **77731**

**FBPE**  
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Ian M. Rairden, P.E.**

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019  
Audit No: 228201925777 R

P.E. Lic. No: **69224**

**FBPE**  
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Cory Dannheisser Dorman, P.E.**

Do not alter this document in any form.  
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019  
Audit No: 228201937488 R

P.E. Lic. No: **85462**

**FBPE**  
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Omar Kanaan, P.E.**

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019  
Audit No: 228201910541 R

P.E. Lic. No: **81433**

**FBPE**  
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

**State of Florida**  
Board of Professional Engineers  
Attests that  
**Stewart E. Robertson, P.E.**

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019  
Audit No: 228201909901 R

P.E. Lic. No: **63939**

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**Licensee Details**

**Licensee Information**

Name: **TAXMAN, DAVID (Primary Name)**  
Main Address: **6438 PEBBLE CREEK WAY  
BOYNTON BEACH Florida 33437**  
County: **PALM BEACH**  
License Mailing:  
License Location:

**License Information**

License Type: **Professional Engineer**  
Rank: **Prof Engineer**  
License Number: **85552**  
Status: **Current,Active**  
License Date: **07/18/2018**  
Expires: **02/28/2019**

**GIS Certification Board**

This certifies that  
**Erin Emmons**  
has met the standards for ethical conduct and professional practice as established by the  
GIS Certification Institute for registration as a  
**Certified Geographic Information Systems (GIS)  
Professional (GISP)**  
and is therefore entitled to all the rights and privileges thereunder.  
This grant of certification shall expire or be deemed inactive on 10/26/2022  
unless, by that date, the individual shall have successfully completed recertification.  
Certification Number 00339 Date Certified 10/26/2012

*Michael Tordella, GISP  
GISP President*

*Heidi Wilson, GISP  
GISP Executive Director*

## Resumes

Resumes are located within Section I, Item 6, Standard Form 330.





# **Section III: PROJECT UNDERSTANDING, PROPOSED APPROACH, AND METHODOLOGY**

## **1. Approach and Methodology**

### **Project Understanding**

Kimley-Horn understands that the City of Coral Gables is seeking the expertise of a qualified firm to perform traffic impact studies for qualifying private development projects within the City. The City desires to have traffic impact studies performed independently of the private developer's consultant team. Traffic impact studies are currently performed by consultants retained by private developers seeking project approval from the City. These studies are reviewed by City staff and the City's traffic engineering consultants. Under the proposed process, the City's consultant will perform the traffic impact study for the proposed development and the developer will have the option of performing an independent peer review of the traffic impact study.

The City has determined that a traffic impact study will be required when a proposed development is expected to generate fifty (50) or more new peak hour two-way trips during the peak hour of the adjacent roadway or the peak hour of the facility, also referred to the peak hour of generator. Major traffic generators including, but not limited to, high-density residential projects, offices, retail/commercial uses, hotels, business parks, hospital/medical offices/free standing emergency departments, schools, industrial facilities, and stadiums or places of assembly are considered potential candidates for traffic impact studies. Furthermore, developments that generate less than fifty (50) new two-way trips may require a limited traffic study to address specific site concerns.

Additionally, the City may request a traffic impact study when a current traffic problem exists near the proposed development, when the development site is located in a sensitive area where the public may perceive a potential adverse impact, and when the proposed development may create further deficiencies at an existing problematic location.

### **Project Approach**

Kimley-Horn's approach focuses on the technical aspects of the traffic impact study. However, other aspects of the project, such as coordination between City departments, identification of study parameters, and overall program management/tracking, are critical to the success of this new program. The following sections summarize our technical approach to each facet of the proposed traffic impact study process:

#### *Traffic Impact Study*

##### **Study Parameters/Methodology**

Several key issues must be addressed to identify the parameters of the study including the development's expected new trip generation, the study area including intersections and corridors, and the study time periods. In order to identify the project's expected new trip generation, understanding the density and operating status of the current land use that it will replace must be quantified. If the existing land use is no longer in operation, then trip generation credit for that land use, for purposes of the traffic impact study, is not applicable as the existing site's trips are not being realized on the roadway network. However, if the existing land use is currently in operation, the current occupied space must be identified and confirmed. The Kimley-Horn team will work with the City's Development Services Department to determine the appropriate existing development intensity (i.e. square footage of use) to assume for the study. If necessary, the Miami-Dade County Property Appraiser information may be referenced to determine this information.

Similarly, the proposed development program must also be confirmed at the onset of the study. Kimley-Horn, through our experience performing these studies, understands that development programs often change throughout the design development process. Therefore, it is important that we obtain concurrence from all Departments and the applicant on the appropriate development program. We propose a conservative approach to estimating the development program to account for any potential increases in density that may occur during the project's review. As a result, the impacts of the development may be slightly overestimated in the study to provide for a conservative analysis.

Identifying the analysis area for the traffic impact study is also a key parameter. Kimley-Horn's approach is to identify an initial study area radius from the project boundaries based upon the project's new trip generation. We recommend a tiered process by which the radius increases as the number of trips generated by a potential development increases. This will provide general consistency for all traffic studies performed as part of this new process. However, it is

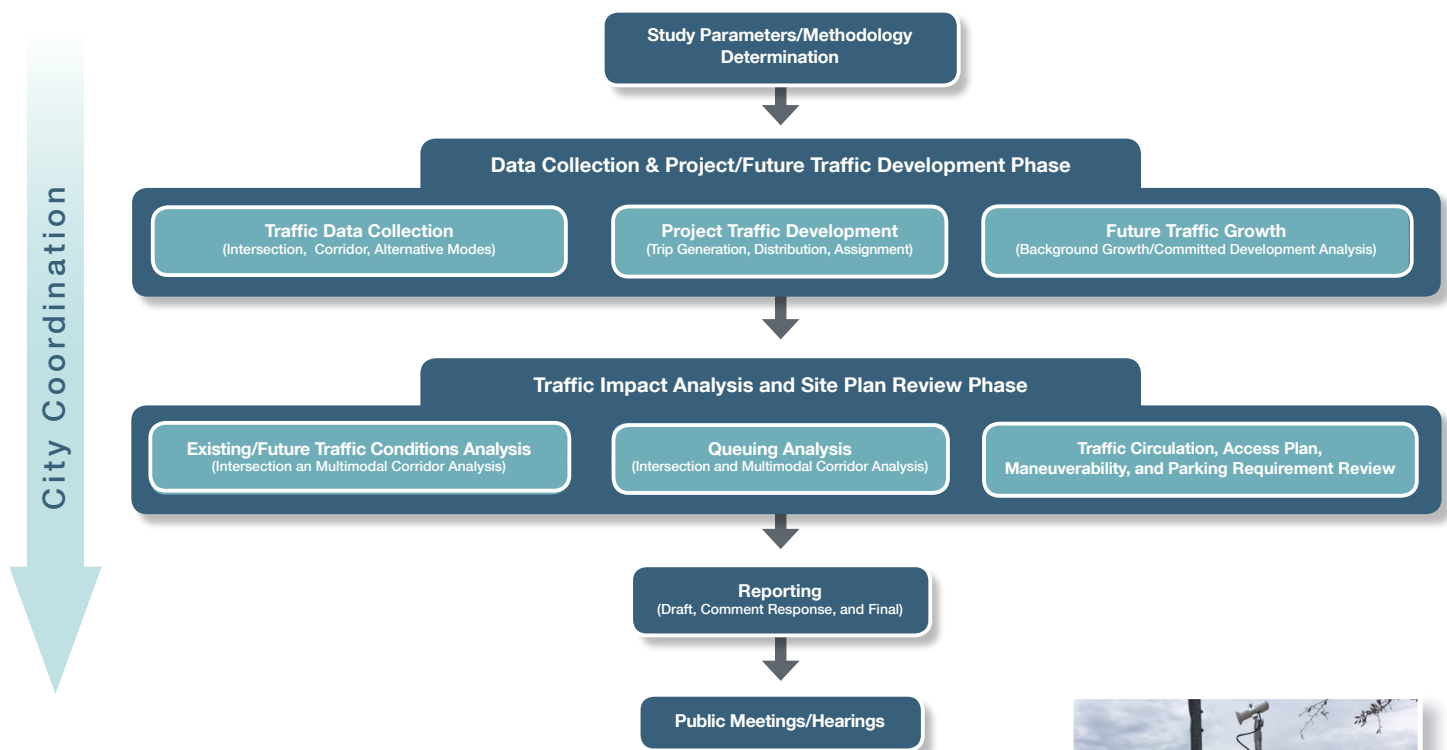


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important to only use a pre-determined study radius to determine the initial study area. Other factors may require an expanded study area such as unique roadway network configurations, for instance, one-way streets or restrictions at project access points, such as a right-turn only driveway. These special situations may require additional study area to comprehensively evaluate the project's true impacts. At a minimum, the study area will include all access driveways, adjacent roadways and major intersections, and the first signalized intersection in each direction (north, south, east, and west) from the site.

Development impacts are typically examined during the weekday peak hour of adjacent street which characteristically coincides with the morning and afternoon rush-hour periods. However, some uses may require modified analysis periods as major impacts from these developments may fall outside those time periods, such as schools and major entertainment/dining venues. Therefore, coordination with City staff on the appropriate time periods to study is critical during this phase.

Kimley-Horn proposes to develop a standardized study assumptions and parameters document that will be used for each project that identifies the important parameters for the traffic impact that can be distributed to other City Departments and the developer to ensure concurrence with all parties.

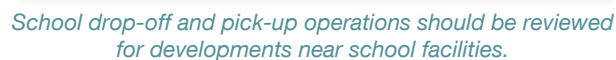


### Data Collection

Data collection efforts will begin once the study parameters are agreed upon. Study corridor characteristics, such as facility type, laneage, speed limit, bicycle/pedestrian facilities, heavy vehicle percentages, transit service, and transit infrastructure information, will be collected during this stage using readily available aerial photography and field visits, when required. For pedestrian, bicycle, and transit modes, facilities within a half mile of the site will be inventoried. Study intersection characteristics will also be compiled including laneage, signal phasing, crosswalks, and turn-lane lengths. Kimley-Horn will obtain traffic signal timings directly from Miami-Dade County's Department of Transportation and Public Works Traffic Signs and Signal Division for use in the analyses. Transit data including Miami-Dade County Metrobus service, City of Coral Gables, and City of Miami trolley services will be obtained, including boarding/alighting data, when necessary. Kimley-Horn has recently obtained new countywide boarding and alighting data by stop from Miami-Dade County.



*Video data collection is utilized to capture volumes for all modes and provides a video record that can be reviewed for quality control.*



Once the data collection dates are confirmed, Kimley-Horn will obtain the applicable Florida Department of Transportation (FDOT) traffic volume adjustment factors. Two (2) factors are provided by FDOT: Seasonal Factor (SF) and the Peak Season Conversion Factor (PSCF). The SF adjusts traffic volumes to reflect average conditions while the PSCF adjust volumes to reflect peak season. We recommend using the PSCF to provide for a more conservative analysis of the transportation network.

The location of the project within the City will have an impact on the applicable LOS standard. For instance, the Comprehensive Plan's Mobility Element states that projects located within the Gables Redevelopment and Infill

*We utilize a Synchro input check list to ensure that all available parameters are used in the analysis.*





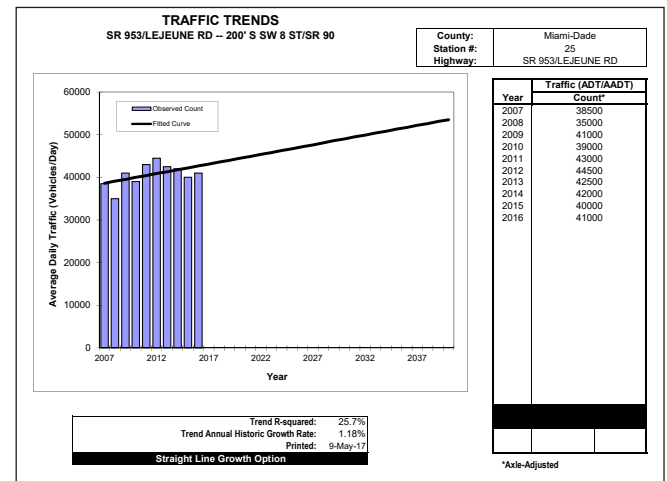
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District (GRID) that are not expected to impact major FDOT facilities cannot be denied transportation concurrency approval provided that the development is otherwise consistent with the adopted City Comprehensive Plan. Therefore, the focus on the traffic impact study should focus on site access and circulation rather than Citywide impacts. Kimley-Horn, as part of our approach, will identify the applicable LOS standards for each project as part of the study parameters/methodology.

## Future Traffic Projection and Background Conditions

Utilizing the existing traffic data collected as part of the project, future traffic volumes will be projected using two (2) sources: Committed development information and future growth rate analyses. A committed development is defined as a project approved by the City/adjacent municipality by not yet constructed or a development project that has been submitted to the City for review prior to the subject development. The traffic impact study must account for committed projects in the vicinity of the project site where traffic study analysis areas overlap.

Additionally, the general growth in traffic volumes within the region must be accounted for in the study. Kimley-Horn will perform an extensive growth trend analysis using both FDOT historical traffic data and model volume forecasts obtained from the Southeast Florida Regional Planning Model (SERPM) maintained by FDOT for the Miami-Dade Transportation Planning Organization (TPO). Kimley-Horn will use FDOT Traffic Trends Analysis software to identify the most appropriate growth through regressions analysis for the best fit curve.



*Traffic growth analyses will be conducted to account for both historical volumes and model traffic projections.*

Future traffic projections will be developed for the expected buildout date of single-phase development projects and for a maximum of three (3) horizon years for multi-phase developments. Kimley-Horn will coordinate with the Public Works Department to determine the appropriate horizon year as part of the study parameters/methodology phase.

Kimley-Horn will review the Miami-Dade TPO's Five (5) Year Transportation Improvement Program (TIP) and the Long Range Transportation Plan (LRTP) to identify any planned or programmed improvements that may impact traffic volumes or operations within the study area. Furthermore, Kimley-Horn will review the City's Capital Improvement Program (CIP) to identify similar issues. In addition, Kimley-Horn will identify any potential projects that may impact the site or the transportation corridors adjacent to the development site.

## Project Traffic

Once background traffic volumes are estimated within the study area, we will determine the project's trip generation, distribution, and assignment. In general, the trip generation for the development will be estimated as part of the study parameters/methodology stage. However, the trip generation may be adjusted due to site plan modifications made by the developer as part of input from other City Departments. Project trip generation will be estimated for each study period using the latest version of the Institute of Transportation Engineers (ITE) *Trip Generation Manual*, which is currently the 10<sup>th</sup> Edition. It is important to note that ITE provides both average rates and fitted curve equations for trip generation for different land uses. The application of the rate or the equation can often yield drastically different trip generation. ITE provides specific instructions on the appropriate use of the rate or the equation. We are very familiar with this procedure as we have prepared these types of calculations for more than 500 projects in South Florida. As with all of the studies we have performed in the past, we will follow the ITE guidance for this calculation.

The gross project trip generation estimate will then be adjusted to account for transit mode split, internal capture, and pass-by capture, as appropriate. Each project should be reviewed to determine the appropriate transit mode split. The U.S. Census Bureau provides 'Journey to Work' data that provides transit usage within Miami-Dade County



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and the City of Coral Gables Census Tracts for residents traveling to and from their employment. Note that, depending on the type of development proposed, transit mode split reductions may not be applicable as the available data is only related to job-based trip types. Internal capture reductions for mixed-use developments will be applied consistent with ITE's *Trip Generation Handbook*, 3<sup>rd</sup> Edition to account for site patrons that visit multiple land uses in one visit without accessing the external roadway network. Similarly, pass-by capture reductions will be applied for retail trips in which patrons are already traveling on the roadway network and visiting the site as they 'pass-by', thereby, not creating a new trip on the transportation network.

Kimley-Horn will estimate the project traffic distribution and assignment of project traffic on the transportation network based upon the Miami-Dade TPO's latest Directional Trip Distribution Report for the appropriate Traffic Analysis Zone using the horizon year most applicable to the development's buildout date. The project traffic distribution may be adjusted to account for site access configuration and regional traffic patterns within the area. The cardinal distribution does not account for the local roadway network and the most direct routes to major limited access facilities in the area. Kimley-Horn has extensive experience performing traffic impact studies in the City of Coral Gables. Therefore, we have a sound technical foundation in determining appropriate and accurate project traffic distributions and assignments.



*Kimley-Horn will base the distribution on the latest Directional Trip Distribution Report.*

### Future Traffic Analysis

Utilizing the same analysis tools used in the Existing Condition Analysis for intersections and multimodal corridors, future year background conditions without the project/no-build and future year total conditions with the project/build will be conducted. Under the future total project condition, the development site's access points will be analyzed to ensure adequate traffic operations. If necessary, recommendations on how to improve the access point's operation will be provided that may include turning restrictions or additional turn lanes into or out of the site.

Utilizing the adopted LOS standards identified as part of our previous review of the Mobility Element of the Comprehensive Plan, study intersections and corridors will be evaluated to determine if mitigation measures are required. If a development is located in an area where nearby intersections operate below the adopted LOS standards under existing or future year background conditions, the LOS of study intersections should not degrade further because of the project. Note that this standard is not applicable within the Gables Redevelopment Infill District (GRID). The GRID generally consists of the area of the City east of LeJeune Road, along the US 1/South Dixie Highway corridor, and the area in and around the University of Miami campus.

### Mitigation Measures

Mitigation measures for each project will be evaluated as part of future conditions traffic analysis. The type of mitigation measures appropriate for each identified deficiency will be determined on a case-by-case basis. Regardless of the resulting impact analysis, recommendations for Transportation Demand Management (TDM) strategies/improvements will be provided to reduce the vehicular impact of all new or redevelopment in the City. As public right-of-way is limited, traditional turn-lane and roadway widening cannot be accommodated. Therefore, the City's progressive land use policies support mixed-use and transit/pedestrian-oriented development. The focus of these transit/pedestrian-oriented developments has resulted in the City taking a holistic multimodal/mobility approach to transportation. Accommodating the County's recent growth; properly preparing for additional projected business, commercial, and residential growth; and the everyday maintenance of urban lifestyle and livability conditions are all elements of the economic health and vitality of Coral Gables that can be addressed through TDM. Beyond TDM, Kimley-Horn will examine the following mitigation options when evaluating each project:





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- Bicycle/pedestrian facilities improvements will be a focused mitigation measure to further the implementation of the City 2014 Bicycle and Pedestrian Master Plan. Improvements include wider sidewalk cycle tracks, shared use paths, and bicycle lanes. Kimley-Horn is well versed in the National Association of City Transportation Officials (NACTO) design guidelines as members of our proposed project team are actively involved in the organization.
- Transit improvements, including new transit stop infrastructure; upgrading existing transit stops including providing transit shelters and/or transit amenities; transit vehicles; or new/improved service, are a potential mitigation measure. Kimley-Horn assisted with the Plaza project in Coral Gables, one of the largest City projects in recent history, to develop a potential trolley service expansion plan estimating capital operating costs.
- Roadway improvements, including travel lanes, turn lanes, signal phasing modifications, new traffic signals, intersection modifications, on-street parking modifications, and one-way/two-way street conversions, may also be considered. However, opportunities for roadway improvements will be limited given the urbanized character of the City.
- Traffic calming improvements will be considered for projects expected to create cut-through and speed problems in adjacent neighborhoods. Kimley-Horn has a proven track record in the development of these plans through both our work at the City of Miami and the Plaza Coral Gables project where traffic calming improvements were incorporated in the site plan approval of the project.
- Monetary contributions to fund operations and capital costs for larger Citywide initiatives will also be considered. This strategy is often employed in connection with other improvements for deficiencies that cannot be addressed by a single development.



*Mitigation measures can include capital improvements to the existing transit system including purchasing new trolleys to enhance or expand service.*

Kimley-Horn will work with City staff on the appropriate mitigation measures for each project as soon as the future traffic analysis is complete.

### Queue Analysis

A queueing analysis will also be conducted for the development's project driveways as part of the traffic impact study. Kimley-Horn proposes to utilize the 95<sup>th</sup> percentile queue reports produced from the Synchro software analysis tool to perform this evaluation. Note that the evaluation will examine the queues at the site driveway and at the adjacent study intersections to determine if adjacent intersection queues will adversely impact traffic entering or exiting the site. This evaluation may also yield additional mitigation measures for the developer to agree to.

### Traffic Circulation/Access Plan, Maneuverability, and Parking Requirements

The most critical element of the traffic impact study process is the review of the site plan related to traffic circulation and access. In our experience, this process is where the reviewer can have the most positive impact on the project and its potential impacts. Our review will focus on the following areas:

- **Project driveway design** – pedestrian sight triangles, turning radii, lane widths, and driveway length.



*Valet queues are critical design elements as they can impact operations within the public right-of-way.*



Kimley-Horn will review each site plan as part of the traffic impact study to identify potential deficiencies and provide recommendations to enhance the project's circulation design.

## Reporting and Graphical Requirements

Our team takes pride in the quality and thoroughness of our report documentation. Each traffic study will include figures to summarize the site's location, existing study area roadway characteristics, and volume development including existing, future year background (without project), project traffic, and future year total volumes (with project). In the event that the developer performs a peer review of the traffic study, it is important that the report be clear and concise and distinctly outline the methodology, assumptions, and analysis. Site photographs will also be incorporated into the document as necessary. Each report will include a section for conclusions and recommendations that will clearly list the findings of the report and any recommendations for mitigation/site plan modifications

## Additional Technical Analyses

Our team's diverse technical skill set allows us to perform any additional technical analysis required of this contract. Our traffic engineering team has experience in various traffic engineering analysis and study types through our work with other agencies including FDOT, Miami-Dade County, and other municipalities. Kimley-Horn is a single business center allowing us to seamlessly share resources across the state and the country.

We understand that tasks may include:

- Traffic data collection tasks such as travel time and delay studies, classification counts, queueing studies, parking studies, gap/speed studies, transit boarding/alighting counts, and origin-destination studies.
- Traffic engineering tasks including queueing analyses, signal timing optimization, signal warrant analyses, safety analyses, left-turn phasing analyses, transit level of service analyses, traffic calming evaluations, and pedestrian/bicycle level of stress evaluations.
- Traffic design tasks including sight distance analyses, site access/circulation review, and geometric evaluations including heavy vehicle movements.

[illegible]

*A checklist is used for each traffic impact study to ensure completeness and consistency.*





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Kimley-horn's depth and breadth of resources can cover all of these assignment types and perform them quickly and simultaneously as needed. Our team of transportation design professionals stand ready to assist the traffic team with any assignments provided by the City.

### Public Meeting/Outreach

Our senior and mid-level professionals have extensive experience in public speaking at community meetings as well as public meetings with appointed or elected officials. We have represented both public and private sector clients at planning and zoning board and city commission meetings at nearly all of the municipalities in Miami-Dade County, including the City of Coral Gables. Kimley-Horn has presented on both traffic and parking issues for many projects in the City including recent projects such as the Plaza Coral Gables, 44 Zamora Avenue, and 33 Alhambra Circle.

Our approach to public meetings and presentation is that of simplification. It is important to present the technical information in manner that is easy for the public and elected officials to understand. Relating the results/conditions to situations that a non-technical person experiences in their everyday commute is often the best way to present the results of the traffic impact study.



*The Kimley-Horn team has extensive experience presenting at public meetings.*

In addition to conventional meeting settings, many other innovative techniques are available to obtain input from the public and key stakeholders including online survey/polling platforms, such as [sli.do®](#) or [Typeform®](#), build-a-street tools such as [Streetmix®](#), and [Wikimapping®](#) - an interactive platform with mapping. We successfully use these tools for numerous public agencies in South Florida. Other interaction options include 'pop up' meetings where mobile information stations are placed throughout the City to obtain input from the public that often cannot attend typical public information meetings.

### Interdepartmental Coordination

Development projects under City review are often very dynamic, with site plans and development programs routinely being modified to address comments from various City departments. Therefore, coordination with other reviewing departments is an important part of this process. As mentioned in the study parameters section, Kimley-Horn will develop a standard document that will summarize our review assumptions that can be circulated to all appropriate departments for concurrence. It is important that all parties agree on the key elements of the study to eliminate the need for revisions at a later date. Once the study is initially complete, the Kimley-Horn team will meet with City staff as needed to convey the results of the analysis, provide preliminary recommendations for mitigation/site plan enhancements, and obtain input from staff. In order to keep the project on schedule, our team will coordinate with each partner department individually to see if any input is needed. Once input is received, a draft report will be issued to the Public Works Department for review. Kimley-Horn will address any comments on that draft and finalize the document for distribution to the development team.

### Project Management

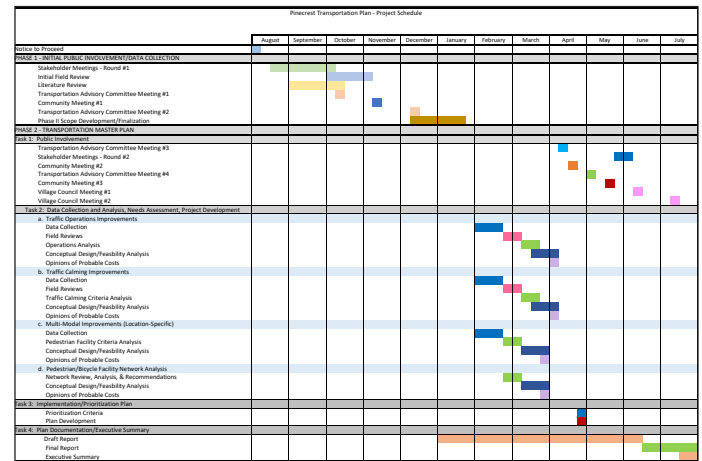
Project schedules are the critical element of private development projects. As such, completing the traffic impact study for each development project in a timely manner and meeting the agreed-upon schedule will be a key measure of the success of this program. Our team was specifically tailored with schedule adherence in mind. We have incorporated redundancies at every level. Our project manager John McWilliams, P.E. is well-versed at managing



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multiple projects and multiple teams simultaneously over the past 18 years in South Florida. Ali Hanes, P.E., our deputy project manager, will assist John in overseeing the daily assignments, project production, and resource management of the contract. We have assembled two (2) distinct traffic impact study teams ensuring no delays in the production of the traffic impact studies. We propose Adrian Dabkowski, P.E., PTOE as our Quality Assurance/Quality Control manager who will review each work product objectively, as he will not be involved in the production on each study. Our depth of qualified staff will allow us to accelerate project schedules giving City staff ample time to review the results of each study.

Kimley-Horn will identify the project schedule for each assignment at the onset and communicate weekday with the City's project manager on the status of each study and each task within that study.



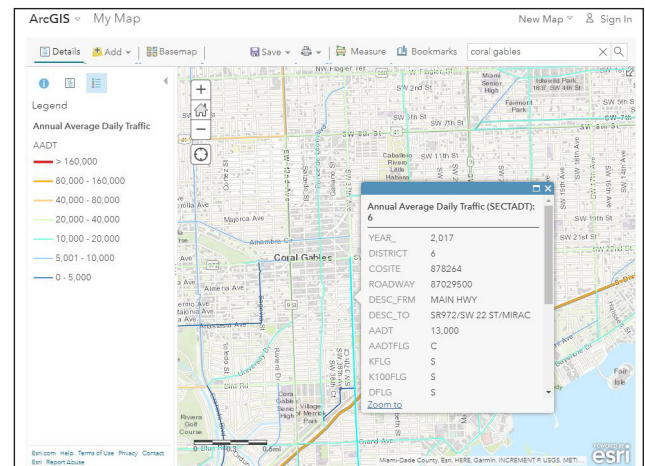
*Simplified project schedules will be developed and maintained*

## Program Management/GIS Database

A key element to the success of this traffic study program is tracking each project within the City at each stage of the process. Projects can be under review, approved but not yet constructed, constructed but not yet occupied, and completed and occupied. The status of each project will be important to understand for future nearby traffic impact studies. Additionally, locations where traffic study areas overlap between projects is an important resource in development study methodologies for new projects.

In order to address this issue, Kimley-Horn has proposed to develop a Geographic Information System (GIS) based tracking system. Erin Emmons, GISP, our certified GIS planner will lead this effort. We recommend the following tasks associated with the development of this tracking system.

- Identify all current development projects within the City that are currently under review, approved but not yet constructed, constructed but not yet occupied, and completed and occupied. Obtain the traffic impact study/ methodology for each of the projects.
- Identify the location of each project and prepare a database with the project's status, development plan, and study corridors and intersections.
- Link the completed traffic study for each project to the database for easy retrieval.
- Prepare a query tool that allows potential projects to be input into the system to identify other projects where study areas overlap to identify which committed projects should be included in the traffic impact study.



*A GIS-based project tracking system will streamline the development study parameters.*

The tool could also be expanded to input the actual project traffic distribution and assignment from each committed development allowing data to be seamlessly extracted for the next traffic impact study. This database would streamline this often-arduous process and eliminate the any subjectivity regarding the inclusion of committed developments. The tool would also allow staff to quickly answer technical questions from elected officials or the public regarding the status of the project and the associated traffic impacts.





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## 2. Recent, Current, and Projected Workload

Kimley-Horn is very progressive when it comes to understanding its current workload and has a long history of achieving successful project completion through a combination of effective project management and technical expertise. Consequently, Kimley-Horn is committed to providing the City of Coral Gables with the highest quality staff and service to meet your project schedule and budget requirements utilizing our depth of talent.

The members of our project team were selected using two criteria: (1) their experience with similar projects and (2) their availability to assume major technical responsibilities within your project schedule. Kimley-Horn's proactive management system, known as "cast-aheads," is used to detail every project's personnel needs, as well as to determine each staff person's availability. By continuously matching project needs with staff availability, our cast-aheads system is an accurate tool for keeping our projects on schedule. Based on a review of our cast-aheads, we can assure you that the staff members selected for this team are available immediately to serve you and are in an excellent position to handle the workload of any assignment you wish to give us. The list below contains project information detailing the team's current workload as requested in the RFQ. Note that the table below does not reflect our current workload as it relates to our recent Coral Gables Multimodal Transportation Planning and Engineering Consulting Services contract as assignments are yet to be determined.

Company/Agency	Dates of Service	Name/Contract #	Scope
City of Miami	January 2017 to present	Transportation Program Support Services Consultant/B-70245	Prime consultant for task authorization-based contract that primarily focuses on on-call general support, traffic calming plan development, and general traffic operations/planning assignments.
City of Aventura	December 2015 to present	Traffic Engineering Services Consultant Contract/ RFP #16-10-05-2	Prime consultant for on-call services primarily for the review of traffic impact studies/site plans performed by private developers. Assignments also include operational analysis and transportation design tasks.
City of Fort Lauderdale	December 2015 to present	General On-Call Traffic Engineering Services Contract/ RFQ No. 256-11591	Prime consultant for on-call services primarily for the review of traffic impact studies/site plans performed by private developers. Assignments also include complete streets analyses.
City of Pompano Beach	November 2016 to present.	Transportation Engineering Services Contract/RLI No. L-41-16	Prime consultant providing task authorization-based services that include transportation analysis and design. Primary tasks performed include traffic impact study/site plan reviews for submittals from private developers. Assignments also include various City initiated design projects.
Florida Department of Transportation District 6– Intermodal Systems Development Office	April 2016 to present	Districtwide Intermodal Systems Planning Contract/ C9O99	Subconsultant for a Districtwide planning contract that primarily consists of planning studies, growth management reviews, and corridor analysis.
Florida Department of Transportation District 6 – Traffic Operations Office	July 2014 to present	Districtwide Traffic Operations/Safety Studies Contract/ C9G07	Prime consultant for task work order-based contract conducting various traffic operations and safety studies.



### 3. Schedule, Cost, and Quality Controls

In addition to solid technical staff with relevant project experience, our team brings a strong task order management process to the project. We leverage a process that is founded on proven methodology. We are keenly familiar with the need for planning, budgeting and executing each task order for this contract and have established proven guidelines and checks + balances to control quality and manage the process. Our management process is simple, but effective. We establish clear objectives as measured by project deliverables, schedules, roles, and constraints. We remain flexible by focusing on the content and quality of our activities rather than the form. We assign project staff to tasks wisely—by ensuring that the right people support each task component at the right time, to minimize project cost and deliver the best possible product. We strive to maintain consistency in task order leadership by ensuring each project manager has the appropriate level of technical and managerial experience. We provide the pool of resources necessary to support each project manager who is driven to deliver the highest quality products and services by incorporating quality control into the process while remaining aware and sensitive to project schedules and budget.

We prepare a task order proposal by documenting our understanding of the work to be performed and our approach to accomplishing the work. We document our understanding of problems and highlight expected results. We also define a work plan and schedule that detail tasks, subtasks, milestones, begin and end dates, duration, and deliverables including provisions for review by the City's staff. We identify special requirements regarding coordination, meetings, equipment, facilities, and potential risk areas in need of contingency planning. We identify key staff members, and special skills required to accomplish the work, level of efforts required, subcontractor costs, direct costs, and total cost for work completion.

Successful project completion hinges upon the ability of the project manager, **John McWilliams, P.E.**, to control all aspects of the assignment to exceed our clients' expectations in the areas of time, cost, and quality. Our superior technical expertise and state-of-the-art equipment guarantees a higher degree of efficiency, increased speed, flexibility, and cost-effectiveness. Our team has the management skills, staffing levels, and availability to meet your schedule on this assignment.

For each task assignment, our team leaders will handle day-to-day issues and scrutinize both schedules and budgets on a weekly basis. We will implement proven project control throughout the execution of each task order to highlight project status; ensure work progress is timely, within budget, and consistent with task order objectives; and undertake needed corrective actions. Clear, concise, and regular communications are key to keeping work execution on track and consistent with the City's needs and expectations. We institute frequent informal discussions with the City's management staff, monthly progress reports, task tracking and subtasks budget management, and peer review quality management to ensure each product meets the highest standards of objectivity, accuracy, completeness, and presentation. We will use appropriate tools for planning, controlling, managing, and tracking task orders. We follow a weekly schedule for updating task order status, reviewing project progress, projecting project completion and budget. We have also instituted automated measures that alert project managers and the program director to anticipated project issues so that appropriate management interventions are made in time to correct the problems.

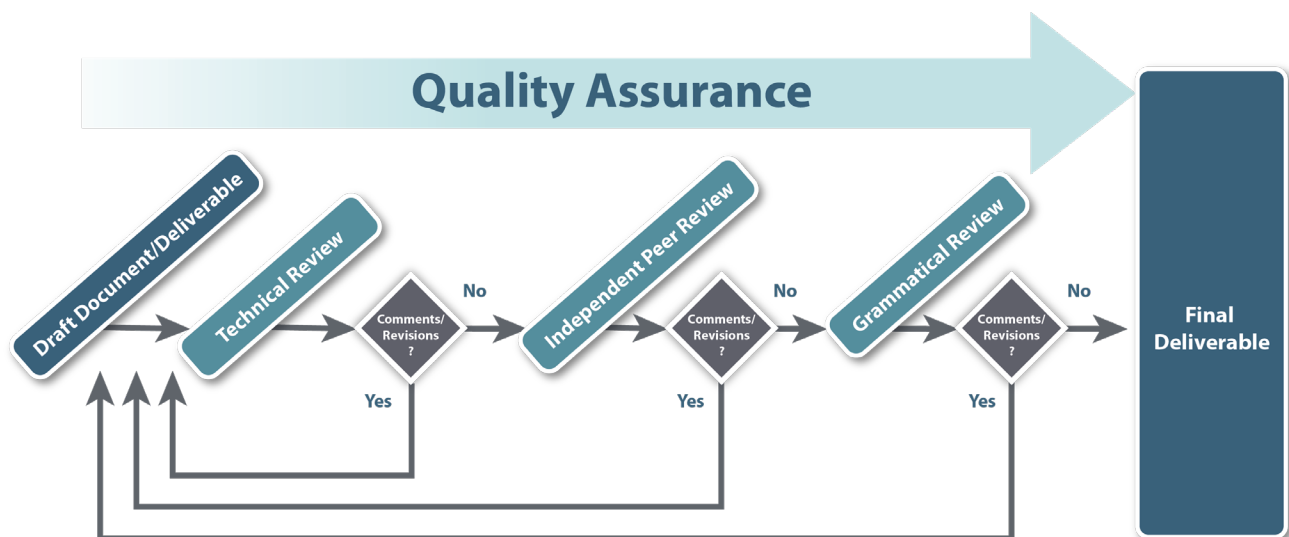


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### Quality Assurance/ Quality Control (QA/QC)

Recognizing the critical importance of careful quality control, Kimley-Horn developed a QA/QC manual that every project manager is required to know, and we certify that our procedures will ensure high-quality services that satisfy the City's needs. Quality is a keystone principle that has enabled us to become one of the leading consulting firms in the country.

Kimley-Horn's QA/QC program is based on the philosophy depicted in the graphic. Our approach to frequent communication and to QA/QC will relieve city staff of any significant project review efforts. A QA/QC review of project solutions and analysis, together with reviews, will ensure a top-quality deliverable for the City. Our formal QA/QC program is based upon assigning experienced senior professionals who are otherwise qualified to manage a particular project, to serve in an independent quality control role. Kimley-Horn's QA/QC advisor is Adrian Dabkowski, P.E., PTOE. Adrian will conduct QA/QC reviews for each deliverable to ensure that it is not only technically correct, but also consistent with the project's objectives. We find that using independent reviewers with experience on similar projects in other areas enhances and improves our products. Adrian will review project deliverables for clarity, accuracy, completeness, and complete scope compliance.





## Section IV: PAST PERFORMANCE AND REFERENCES

### 1. Recent and Relevant Projects

As requested in the RFQ, five relevant project examples and references are located within **Section I, Item 6, Standard Form 330 – Section F**.

### 2. Contracts with the City of Coral Gables

The following is a listing of the contracts which Kimley-Horn has performed for the City of Coral Gables

Department/ Contract	Scope	Awarded Value/ Current Value	Dates	City Project Manager Name/ Phone	Role Prime/ Sub	Results
Public Works Department/ Multimodal	100 Miracle Mile Traffic Review	4,980	September 2018 to Ongoing	Jessica Keller/ Delila Fernandez 305.460.5628/ 305.460.5128	Prime	Ongoing
	Alhambra Bike Lanes and Traffic Calming	\$208,114	Anticipated start date of January 2019	Mark Brown 305.460.5049	Prime	Ongoing

### 3. Public Sector Clients that have Discontinued Use of Proposer's Services within the Past Two Years

Kimley-Horn is not aware of any public sector clients that meet this criteria.

### 4. Litigation

Kimley-Horn and its subsidiaries have provided services in all fifty 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. It is not practical to provide a complete list as part of this proposal. 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. Kimley-Horn has had no criminal or administrative proceeding filed against the company. 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.

Kimley-Horn has no pending or filed litigation cases in Florida in the last five years related to the services requested in the Request for Qualifications.