Request for Qualifications
Multimodal Transportation Planning and Engineering Consulting Services
RFQ 2017.05.YG

Submitted to

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

Submitted from

H.W. Lochner, Inc.
James Spinks, PE, PTOE
8750 NW 36th Street, Suite 360
Miami, FL 33178
305.503.9873 | jspinks@hwlochner.com
July 11, 2017

LOCHNER

H.W. Lochner, Inc.
8750 NW 36th Street
Suite 360
Miami, FL 33178

T 305.503.9873
F 305.503.9882

hwlochner.com

July 11, 2017

City of Coral Gables
Procurement Division
2800 S.W. 72ND Avenue
Miami, FL 33155

RE: Request For Qualifications (RFQ) 2017.05.YG
MULTIMODAL TRANSPORTATION PLANNING AND ENGINEERING CONSULTING SERVICES

Dear Selection Committee:

H.W. Lochner, Inc. (Lochner) is excited to submit our qualifications to provide Multimodal Transportation Planning and Engineering Consulting Services on an "as-needed" basis for the prestigious City of Coral Gables.

Lochner was founded in 1944 and is a pioneer in the field of transportation, planning and design. Lochner is passionate about developing "Transportation Solutions that Improve Communities"...for the People. Lochner is a full-service multidiscipline firm with more than 550 professionals who collaborate to deliver all modes of innovative, creative, state-of-the-art, cost-effective transportation solutions in transportation planning, traffic engineering, roadway design, rail and transit, structures, environmental, aviation, construction, and alternative delivery.

Lochner specializes in planning for transportation and livability, with the technical expertise to provide a reliable, convenient, safe and connected multi-modal network throughout the entire City of Coral Gables. Our local office, based in Doral, Florida, will quickly provide the needed logistical support to the City of Coral Gables Transportation and Sustainability Department at a moment's notice. Also, as a standard practice, Lochner does not provide services for private developers in municipalities we represent, so the City can be comfortable that Lochner can be reliable and always has their best interest in mind, with ***no conflicts of interest***.

Edwin Mojena, PE will serve as the **Principal-in-Charge** of this contract and **James E. Spinks III, PE, PTOE**, a highly regarded Project Manager throughout Miami-Dade County, will be the **Project Manager and the direct contact** for you. James is a proven and effective communicator, and has an established reputation as a leader in transportation planning and traffic engineering with provide proven experience in developing concepts that enhance transportation and quality of life. James has applied for 25 mph speed limit designations for multiple Miami-Dade cites, developed innovative citywide traffic calming master plans for multiple municipalities with the Miami-Dade Department of Transportation and Public Works (DTPW) that contained traffic circles, speed tables, and complete street concepts that included lane repurposing and lane width reductions, wide sidewalks, mid-block crosswalks, landscaping, bike lanes, bulb-outs, high-emphasis intersection crosswalks, and operational and safety improvements at intersections. In addition to municipal projects, James recently served as the Project Manager to the Miami-Dade Transportation Planning Organization (TPO), where he managed the Protected Bike Lanes Master Plan, the 2015 and 2016 Safe Routes to School Infrastructure Plans, and the Bike Friendly Miami-Dade Plan.

To fulfill the City's mission to provide a safe multimodal transportation network that provides job accessibility without jeopardizing the high quality of life that exists in surrounding neighborhoods and implement services and programs meeting the needs of today without compromising the ability to meet the needs of tomorrow; Lochner has assembled an extraordinary team of professionals with both local and national experience in multimodal level of service analysis, context sensitive design, sustainable solutions and designing of complete streets/road diet projects. We all have years of established relationships, including Bermello, Ajamil & Partners, Fehr and Peers Transportation Consultants, Street Plans Collaborative, Toole Design Group, Boothe Transit Consulting, Ecostrata Services, Premier Design Solutions (PDS), M.G. Vera and Associates, Tierra South Florida, Walker Parking Consultants, LimeBike, Quality Counts, and Digiwest.

LOCHNER

We understand there is an increasing number of people riding bikes and walking around your City and transportation plays a key role in the life of residents and visitors. The Lochner Team has the expertise and experience to increase mobility options and manage traffic congestion throughout the City. The Lochner Team key personnel and sub-consultants were selected based on their proven track record of completing similar projects and strong multimodal transportation planning technical expertise. I will serve as the Project Manager for this contract, and will be the single point of contact for you. I will be supported by a team of well-qualified engineers, planners, and professionals who all have the availability and ability to provide superior services that will fully support the City. As Lochner's Associate Vice President and Lead Transportation Engineer, I have experience managing many transportation planning, traffic engineering, and design projects and bring the diversity of expertise required to re-balance the way people get around, and provide a variety of choices that involve healthier transportation choices like walking, cycling, and transit. I also understand the demands of municipal contracts and will be responsible for ensuring that the City's needs are met on a daily basis.

My contact information is:
James Spinks III, PE, PTOE
8750 NW 36th Street, Suite 360
Miami, FL 33178

The Lochner Team is excited about the opportunity to respond to this Request for Qualifications. If given the opportunity, we have the experience, the desire and the dedication to meet the needs of the City of Coral Gables. The Lochner Team is fully committed to assigning the necessary manpower, expertise and attentiveness to ensure that Coral Gables improves the city's transportation system and addresses key mobility needs to provide better travel choices for the residents, visitors and employees of the city.

Sincerely,

James Spinks III, PE, PTOE
Associate Vice President/Lead Transportation Engineer

LOCHNER

Request for Qualifications Multimodal Transportation Planning and Engineering Consulting Services RFQ 2017.05.YG

Submitted to

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

Submitted from:

H.W. Lochner, Inc.
James Spinks, PE, PTOE
8750 NW 36th Street, Suite 360
Miami, FL 33178
305.503.9873 | jspinks@hwlochner.com

July 11, 2017

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CITY OF CORAL GABLES, FL

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

PROPOSER'S ACKNOWLEDGEMENT

RFQ Title: Multimodal Transportation Planning and Engineering Consulting Services **RFQ No. 2017.05.YG** 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.	Sealed response submittals must be received prior to **2:00 p.m., Tuesday, July 11, 2017,** by the Procurement Division, located at 2800 SW 72nd 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. Contact: Yusbel Gonzalez, CPPB Title: Procurement Specialist Telephone:305-460-5107 Email: ygonzalez@coralgables.com / contracts@coralgables.com

Proposer's Name: H.W. Lochner, Inc.	FEIN or SS Number: 362338811
Complete Mailing Address: 8750 NW 36th Street, Suite 360, Miami, FL 33178	Telephone No.: 305-503-9873
	Cellular No.: 954.882.3563
Indicate type of organization below: Corporation: X Partnership: ___ Individual: ___ Other: ___	Fax No.: 305.503.9882
Bid Bond / Security Bond (*if applicable*) NA%	Email: jspinks@hwlochner.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.

Donald Skelton	Vice President	July 5, 2017
Authorized Name and Signature	*Title*	*Date*

SOLICITATION SUBMISSION CHECKLIST

Request for Qualifications (RFQ) No. 2017.05.YG

COMPANY NAME: (Please Print): H.W. Lochner, Inc.

Phone: 305.503.9873 Email: jspinks@hwlochner.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. ____X____

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. ___X_____

3) Fill out, sign, and submit the Proposer's Acknowledgement Form. __X_____

4) Fill out and submit the Solicitation Submission Check List. ____X_____

5) Fill out, sign, notarize, and submit the Proposer's Affidavit and Schedules A through I. __X____

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. ____X__

7) Minimum Qualification Requirements: submit detailed verifiable information affirmatively documenting compliance with the Minimum Qualifications Requirements shown in Section 3. ___X____

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. _____X_____

SUBMITTAL - SECTION II: PROPOSER'S QUALIFICATIONS

1) Provide a complete company background and history, including, but not limited to: firm's location, the number of years in business, credentials, copy of applicable licenses/certifications, capabilities and capacity to effectively meet the City's needs, number of employees, relevant experience and proven track record of providing the scope of services as identified in this solicitation to public sector agencies. _____X____

2) Provide a statement detailing Proposer's familiarity with permitting agencies and permitting procedures, especially in Miami-Dade County. _____X____

3) Provide detailed information on at least five (5) of the Proposer's most recent and relevant projects similar in scope and nature to the services described in the solicitation. Include project(s) outside of the State of Florida which highlight context sensitive solutions. Please provide this information utilizing Standard Form 330, Part I – Section F. Proposer shall under sub-section 23 – "Project Owner's Information" 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.** ___X_____

4) Describe the Proposer's expertise and experience with: (i) working with other disciplines, including coordination with other design professionals and sub-consultants; (ii) improving safety through design (if possible, include before and after data); (iii) designing complete streets/road diet projects. Explain how Respondent has dealt with the County/FDOT to obtain approval; (iv) obtaining County approval for design exceptions or variations (i.e. lane width reductions). _____

SUBMITTAL - SECTION III: STAFFING PLAN

1) Provide an organizational chart, resumes, and background information for the company's key personnel, relevant to the scope of work, (including, but not limited to: principal, project manager, engineers, field representatives, field inspectors, sub-consultants, and other technical personnel), including experience with similar projects. Please provide this information utilizing Standard Form SF330, Part I – Section E. Include copies of applicable licenses/certifications. _____

SUBMITTAL – SECTION IV: PROJECT CONTROL EXPERIENCE

1) Please describe Proposer's detailed approach and methodology as it relates to the scope of services requested in this RFQ, including, but not limited to: (a) innovative interaction and communication with the community, City staff, and multiple stakeholders; (b) Proposer's intent to positively and innovatively work with the City; and (c) the Proposer's commitment to represent the City on short notice at meetings with the community, City staff, or Commission. _____

2) Describe the Proposer's ability to (i) positively and innovatively move a project from the conceptual stage to a clearly defined project that may be designed and constructed, while minimizing the impact on the community; (ii) provide schedule control, cost control, and quality control for the services requested herein. Provide specific examples of similar initiatives that the Proposer has successfully undertaken with other public entities that were completed on-time and within budget; (iii) successfully deliver similar projects that have significant community and business involvement; (iv) perform Multimodal Level of Service (LOS) in traffic impact studies; (v) provide sustainable design elements in projects. Include specific examples undertaken with other public entities; (vi) to work with other consultants designated by the City. _____

3) Describe the Proposer's innovative traffic calming alternatives for residential neighborhoods that do not simply divert traffic to adjacent streets. Discuss how a design solution was the first of its kind in a jurisdiction and how decision makers were influenced to accept the innovation.. _____

4) 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. _____

5) Describe the Proposer's approach to delivering projects on time and how schedule slips will be mitigated. _____

SUBMITTAL – SECTION V: LOCAL OFFICE IN MIAMI-DADE COUNTY

1) Indicate whether Proposer has a physical Miami-Dade County business address, from which the Proposer operates or performs business. The Proposer must have and provide with proposal a valid Miami-Dade County business tax receipt issued at least six (6) months prior to proposal submission, and which is appropriate for the goods or services to be purchased under this RFQ. Post office boxes are not verifiable and shall not be considered a place of business. _____

SUBMITTAL – SECTION VI: LOCAL OFFICE IN THE CITY OF CORAL GABLES

1) Indicate whether Proposer has a physical Coral Gables business address, from which the Proposer operates or performs business. The Proposer must have and provide with proposal a valid Coral Gables business tax receipt issued at least six (6) months prior to proposal submission, and which is appropriate for the goods or services to be purchased under this RFQ. Post office boxes are not verifiable and shall not be considered a place of business. _____

- - N O T I C E - -

BEFORE SUBMITTING YOUR RFQ RESPONSE MAKE SURE YOU:

X	1.	Carefully read and have a clear understanding of the RFQ, including the Scope of Services and enclosed Professional Services Agreement (*draft*).
X	2.	Carefully follow the Submission Requirements outlined in Section 6 of the RFQ.
X	3.	Prepare and submit ONE ORIGINAL RESPONSE and SEVEN (7) PHOTOCOPIES with ONE (1) digital copy on a CD or flash drive.
X	4.	Clearly mark the following on the outside of your submittal package: RFQ Number, RFQ Title, Proposer's Name and Return Address, Submittal Deadline.
X	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.

Balance of Page Intentionally Left Blank

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 I 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 I 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 – STATEMENT OF NO-RESPONSE
- SCHEDULE F – CODE OF ETHICS, CONFLICT OF INTEREST, AND CONE OF SILENCE
- SCHEDULE G – AMERICANS WITH DISABILITIES ACT (ADA)
- SCHEDULE H – PUBLIC ENTITY CRIMES
- SCHEDULE I – 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.

Donald J. Skelton	Vice President	July 5, 2017
Authorized Name and Signature	*Title*	*Date*

STATE OF Florida

COUNTY OF Hillsborough

On this 5 day of July, 2017, before me the undersigned Notary Public of the State of Florida, personally appeared Donald Skelton
(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.

NOTARY PUBLIC, STATE OF Florida

Mayelin Nunez
(Name of notary Public; Print, Stamp or Type as Commissioned.)

NOTARY PUBLIC
SEAL OF OFFICE:

Personally know to me; or Produced Identification:

(Type of Identification Produced)

MAYELIN NUNEZ
MY COMMISSION # FF936333
EXPIRES October 27, 2018
(407)398-0153 NotaryOfAmerica.com

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: _____ 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: H.W. Lochner, Inc.

Address: 8750 NW 36th Street, Suite 360, Miami, FL 33178
Street City State Zip Code

Telephone No: (___) 305-503-9873 Fax No: (305) 503-9882 Email: dskelton@hwlochner.com

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

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

_____

Under what former names has your business operated? : _____

At what address was that business located? _____

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:

N/A

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

Yes ___ No X ___ If Yes, explain _____

SCHEDULE "E" CITY OF CORAL GABLES – STATEMENT OF NO-RESPONSE

NOTE: If you do not intend to respond to this RFQ, please return this form immediately. Failure to return this form may result in your name being removed from the list of Proposers for the City of Coral Gables. Please indicate Request for Qualification name and number on the outside of the envelope.

MAIL TO: CITY OF CORAL GABLES
2800 S.W. 72nd AVENUE
MIAMI, FL 33155
ATTN: PROCUREMENT DIVISION
EMAIL: contracts@coralgables.com

We, the undersigned have declined to respond for the following reason:

_____Insufficient time to respond to the Request for Qualification.

_____We do not offer these services or an equivalent.

_____Our schedule would not permit us to perform.

_____Unable to meet specifications.

_____Unable to meet Bond requirements.

_____Specifications unclear (explain below).

_____Unable to meet insurance requirements.

_____Other (specify below)

REMARKS:

COMPANY NAME: _____

SIGNATURE: _____

ADDRESS: _____

TELEPHONE NO. _____

FAX NO. _____

EMAIL ADDRESS: _____

SCHEDULE "F" 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 LINKS, ORDINANCE NO. 2009-53; SEC 2-1055; SEC 2-677; AND SEC 2-1059, 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 "G" 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 "H" 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.]**

X 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 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 "I" 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 June 7, 2017 Addendum No._____Date_____

Addendum No. 2 Date June 14, 2017 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)*
Multimodal Transp Planning and Engineering Consulting Services (RFQ 2017.05.YG), City of Coral Gables, FL

2. PUBLIC NOTICE DATE	3. SOLICITATION OR PROJECT NUMBER
5/30/2017	RFQ 2017.05.YG

B. ARCHITECT – ENGINEER POINT OF CONTACT

4. NAME AND TITLE
James Spinks, Sr. Project Manager

5. NAME OF FIRM
H.W. Lochner, Inc.

6. TELEPHONE NUMBER	7. FAX NUMBER	8. E-MAIL ADDRESS
305-503-9873 x31312	305.503.9882	jspinks@hwlochner.com

C. PROPOSED TEAM

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

	(Check) PRIME	J-V PARTNER	SUBCON-TRACTOR	9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
a.	**X**			H.W. Lochner, Inc. **[X]** CHECK IF BRANCH OFFICE	8750 NW 36th Street Suite 360 Miami, FL 33178	Transportation planning and engineering
b.	**X**			H.W. Lochner, Inc. **[X]** CHECK IF BRANCH OFFICE	4350 W. Cypress Street, Suite 800 Tampa, FL 33607	Transportation planning and engineering
c.	**X**			H.W. Lochner, Inc. **[X]** CHECK IF BRANCH OFFICE	3995 South 700 East, Suite 450 Salt Lake City, UT 84107	Transportation planning and engineering
d.			**X**	Bermello Ajamil & Partners CHECK IF BRANCH OFFICE	2601 S. Bayshore Drive, Suite 1000, Miami, FL 33133	Urban design, landscape architecture
e.			**X**	Boothe Transit Consulting CHECK IF BRANCH OFFICE	1875 I Street, NW Fifth Floor Washington, DC 20006	Multimodal and transit planning
f.			**X**	Digiwest CHECK IF BRANCH OFFICE	610 SW Alder Street Suite 700 Portland, Or 97205	Traffic data collection

f.			X	Ecostrata CHECK IF BRANCH OFFICE	221 Aragon Avenue, Ste. 204 Coral Gables, FL 33134	Funding/Grant Writing
h.			X	Fehr & Peers Transportation Consultants [X] CHECK IF BRANCH OFFICE	1003 K Street NW, Suite 209 Washington, DC 20001	Planning, Design
i.			X	LimeBike CHECK IF BRANCH OFFICE	66 Bovet Rd, Rm 320 San Mateo, CA 94402	Dockless bike sharing
j.			X	M.G. Vera & Associates CHECK IF BRANCH OFFICE	13960 SW 47 St. Miami, FL 33165	Survey
k.			X	Premiere Design Solutions CHECK IF BRANCH OFFICE	2900 Glades Cir #700, Weston, FL 33327	Multimodal and transit planning
m.			X	Quality Counts CHECK IF BRANCH OFFICE	1331 S Dixie Hwy W Suite A3 Pompano Beach, FL	Traffic Data Collection
n.			X	Street Plans Collaborative CHECK IF BRANCH OFFICE	221 Aragon Avenue, Suite 204, Coral Gables, Florida 33134	Planning, urban design
o.			X	Tierra South Florida [X] CHECK IF BRANCH OFFICE	2765 Vista Parkway, Suite 10, West Palm Beach, FL 33411	Geotechnical
p.			X	Toole Design Group CHECK IF BRANCH OFFICE	8484 Georgia Avenue, Suite 800 Silver Spring, MD 20910	Landscape, engineering, Complete Streets
q.			X	Walker Parking Consultants [X] CHECK IF BRANCH OFFICE	4904 Eisenhower Boulevard, Suite 150 Tampa, FL 33634	Parking

D. ORGANIZATIONAL CHART OF PROPOSED TEAM **[X]** *(Attached)*

City of Coral Gables

QA/QC
Tom Stoner, PE, P.Eng. (HWL)

PROJECT MANAGER
James Spinks, PE, PTOE (HWL)

PRINCIPAL-IN-CHARGE
Edwin Mojena, PE (HWL)

CORE SERVICES

SMART GROWTH (A) (C) (D)
Matthew Ridgway (FPT) – Task Leader
Alex Rixey, AICP (FPT)
Dana Weissman (FPT)
Sherryl Muriente (SPC)
Irene Balza (SPC)
Anthony Garcia (SPC)

LIVABLE CITIES (A) (C) (D)
Jerry Walters (FPT) – Task Leader
Jeremy Klop (FPT)
Anthony Garcia (SPC)
Dana Wall (SPC)
Sam Goater (SPC)

COMPLETE STREETS/ MOBILITY SOLUTIONS (A) (C) (D)
Bill Howell, PE (HWL) – Task Leader
Jason Green, AICP (HWL)
Charlie Alexander, PE, AICP (FPT)
Matt Wolczynski, PE (HWL)
Nate Evans (TDG)

MULTIMODAL AND TRANSIT (A) (B) PLANNING (C) (D)
Andrea Ostrodka, AICP, LEED AP (HWL) – Task Leader
Lara-Mae Bouck, PE, AICP (HWL)
Susan Black, JD (HWL)
Jeffrey Boothe (BTC)
Gustavo Eckardt (PDS)
Luis Jurado (PDS)

BICYCLE AND PEDESTRIAN (A) (B) PLANNING (C) (D)
James Spinks, PE, PTOE (HWL) – Task Leader
Matt Wey, PE, PTOE (HWL)
Dana Weissman (FPT)
Sam Goater, PE (SPC)

URBAN DESIGN (A) (C) (D)
Alfredo Sanchez, AIA, AICP, LEED AP (BAP) – Task Leader
Joshua Rak (BAP)
Anthony Garcia (SPC)
Sherryl Muriente (SPC)
Mike Loe, RLA (TDG)

TRAFFIC ENGINEERING AND (A) (B) TRAFFIC CALMING (C) (D)
James Spinks, PE, PTOE (HWL) – Task Leader
Matt Wey, PE, PTOE (HWL)
Brad Lucas, PE, PTOE (HWL)
Joseph Samus, Jr., PE (HWL)
Sagar Onta, PE, PTOE (TDG)
Nate Evans (TDG)

DESIGN, EXCEPTIONS AND VARIATIONS (A) (C)
Alejandro Jaureguy, PE (HWL) – Task Leader
Manuel Sauleda, PE (HWL)
Jorge Lopez, PE (HWL)
Oscar Garcia (TDG)
Megan McCarty, EIT (TDG)

SPECIAL EMPHASIS AREAS
- (A) Context Sensitive Solutions
- (B) Multimodal Level of Service
- (C) Safety through Design
- (D) Sustainable Design

SUPPORTING SERVICES

LANDSCAPE (A) (D)
Randy Hollingworth (BAP) – Task Leader
Kirk Olney, RLA (BAP)
Mike Loe, RLA (TDG)

SURVEY
Manny Vera, PSM (MGV) – Task Leader
Mark Sowers, PSM (MGV)

GEOTECHNICAL (D)
Raj Krishnasamy (TSF) – Task Leader
Kumar Vedula (TSF)

SMART PARKING (A) (D)
Jim Corbett, CAPP (WPC) – Task Leader
Jon Martins, AICP, CAPP (WPC)

FUNDING/GRANT WRITING
Robert Ruano (ESI) – Task Leader

TRAFFIC DATA COLLECTION
Glenn Davis (QC) – Task Leader
Robert Berryhill (QC)
Jason Spencer (DG)

GIS
Jason Green, AICP (HWL) – Task Leader

DOCKLESS BIKE SHARING PROGRAM
Brad Bao (LB)
Toby Sun (LB)
Andrew Savage (LB)

KEY
H.W. Lochner, Inc. (HWL)
Bermello Ajamil & Partners, Inc. (BAP)
Boothe Transit Consulting, LLC (BTC)
DIgiwest (DG)
Ecostrata Services, Inc. (ESI)
Fehr & Peers Transportation Consultants (FPT)
LimeBike (LB)
M.G. Vera & Associates, Inc. (MGV)
Premiere Design Solutions, Inc. (PDS)
Quality Counts (QC)
Street Plans Collaborative (SPC)
Tierra South Florida (TSF)
Toole Design Group (TDG)
Walker Parking Consultants (WPC)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
James Spinks, PE, PTOE	Project Manager	18	0

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Miami, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science , Civil Engineering , University of Missouri-Rolla, Rolla, MO	FL Professional Engineer: 66775 Professional Traffic Operations Engineer #2530 – ITE

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
James Spinks is a Senior Project Manager who joined the Lochner's Miami office in 2017. He brings with him 18 years of experience in traffic operations and safety, transportation planning, signal design, traffic impact analysis, and ITS planning. He has managed projects for FDOT and has served as a city traffic engineer consultant in more than 20 municipalities in Broward, Palm Beach, and Miami-Dade Counties. His well-rounded experience at both the local and state levels gives him unique insight into public institution operations which allows him to be an effective liaison. He is known in the industry for his respectful demeanor, ability to engage in proactive communication, and excellence in project management and customer service.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Villagewide Traffic Study Miami Shores Village, FL	Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[ ]** Check if project performed with current firm

Project Manager. MARLIN was retained by the Miami Shores Village to evaluate the local speed, volume and overall traffic patterns to determine locations within the Village where traffic calming measures should be recommended. As part of this study, MARLIN will also develop a Village-wide Traffic Calming Master Plan, incorporating policies to implement the particular type of traffic calming measures to be recommended for each of the identified concerns.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Traffic Engineering & Transportation Consultant City of South Miami, FL	Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[ ]** Check if project performed with current firm

Project Manager. On-call consulting services including reports, traffic studies, public outreach, coordination with stake holders, construction plans & specs, estimating and project management. Also included, transportation planning, street and highway design, traffic calming design, transit planning, traffic studies, attending meetings with City Staff and presentations to City Council.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
General Planning Consultant Miami-Dade MPO, FL	Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[ ]** Check if project performed with current firm

Project Manager. MARLIN served as General Planning Consultant to the Miami-Dade MPO providing professional services on various Task Work Orders, including such projects as Safe Routes to School Plan, Protected Bike Lanes, and Comprehensive Parking Study. James served as a project manager for Protected Bike Lanes.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
General Engineering Consultant Town of Cutler Bay, FL	Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[ ]** Check if project performed with current firm

Traffic Engineer Consultant. Performing on-call traffic engineering services. Services include Traffic Calming, Plan Review, Traffic Impact Studies, Comprehensive Planning, Resident requests, Traffic Operation Studies Safety analysis, Concurrency Updates, and Concurrency Management.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Transportation Planning and Engineering Consultant Village of Palmetto Bay, FL	Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[ ]** Check if project performed with current firm

General Traffic Engineering Consultant performing on-call traffic engineering services, Traffic Calming, Plan Review, Traffic Impact and Safety Studies, Parking Studies, Neighborhood Traffic Management, Multi-modal Traffic Planning, Comprehensive Planning, Resident requests, Traffic Operation Studies Safety analysis, Collection of traffic counts and reports, preparation of construction documents, Concurrency Updates, and Concurrency Management.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Edwin Mojena, PE	Principal-in-Charge	23	7

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Miami, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science, Civil Engineering, University of Florida Masters of Science, Civil Engineering, Florida International University	FL Professional Engineer: 62002 LA Professional Engineer: 31283 MLST NCEES: 25563

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Mr. Mojena is a Vice President and Senior Project Manager responsible for Lochner's South Florida Transportation Unit, operating out Lochner's Miami office. He joined the firm in 2009 and has 22 years of experience in reconstruction projects, as well as the design of new controlled access facilities. As a project manager and lead engineer, Mr. Mojena has been involved in multiple tollways corridors, developing comprehensive master plans for each of the five MDX tolled expressway facilities. Specifically, he was involved in developing the alignment for the SR 874 and SR 924 HEFT Interchanges, while serving as the GEC for MDX. Mr. Mojena led inter-agency coordination for many MDX projects between the Turnpike, FDOT, SFWMD, Miami-Dade County RER, and stakeholders. This coordination led to the adoption of these projects by the Miami-Dade MPO into their LRTP.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
SR 985-SW 107 Avenue, from Killian Parkway to 581' South of SW 88 Street | Miami-Dade County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2012
CONSTRUCTION *(If applicable)*: 2013

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Principal-in-Charge for 3R project that required the development alternatives for a Turbo Lane Design, widening, ADA, Signalization, TTCP, and Milling & Resurfacing activities. Duties included project management, design, permitting, and public involvement. This project has an estimated construction cost of 1 million dollars. Services for this project also entails drainage modification, safety, and signal improvement. Responsible for performing overall project management and quality control review of deliverables. Construction cost: $1.4M.

b.

(1) TITLE AND LOCATION *(City and State)*
SR 934/NE 79th Street Causeway Over Intracoastal Waterway (Bascular Bridge Nos. 870082 & 8700554) | Miami-Dade County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2012
CONSTRUCTION *(If applicable)*: 2013

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Lochner performed field visit to review the existing bridges condition with the last bridge inspection reports and the existing bridge plans, restore concrete spall areas located in several places of the bridge, concrete railing, columns, wing walls, caps, beams and approach slab, replace existing damaged expansion joint seals on the decks and seal abutment joints with hot poured material, restore/repair some cracked welds or broken rivet connect ions, missing nuts on the fixed bearings, replace or tighten missing bolts at the steel deck, gusset plates and tie plate's connect ions as needed, inject and seal cracks located in several places of the bridge, restore as needed.

c.

(1) TITLE AND LOCATION *(City and State)*
SR 968 (W Flagler Street over Miami River) | Miami-Dade County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2011
CONSTRUCTION *(If applicable)*: 2013

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Services for project entailed updates of specification package, preparation of MSP to address revision, update transport, preparation of cost-estimate comparison of concrete pile vs. composite lumber, update cost estimate to reflect final section. Structural design of plastic composite reinforcing piles for non-standard system for a fender system subjected to ship rotational loads. Provided support structural engineering services for the bridge repair as well as structural engineering services for substructures.

d.

(1) TITLE AND LOCATION *(City and State)*
SR A1A-Collins Avenue-Indian Creek Drainage Along 43rd Street Miami Beach, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2015
CONSTRUCTION *(If applicable)*: 2015

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Principal-in-Charge. Services for project included minor highway design, signing, pavement marking & channelization, lighting, signalization & design, right of way, miscellaneous structures and construction surveying services.

e.

(1) TITLE AND LOCATION *(City and State)*
I-95/Spanish River Boulevard Interchange Design-Build | Palm Beach County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2017
CONSTRUCTION *(If applicable)*: 2017

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Principal-in-Charge. Design and construction of the I-95 (SR 9) Interchange at Spanish River/FAU Blvd., the I-95 (SR 9) Interchange at Yamato Rd., addition of auxiliary lanes on I-95 (SR 9) from Glades Rd. to Peninsula Corp. Dr. (Congress Avenue Exit) in both directions, and cross street improvements of Yamato Rd., Spanish River Blvd., and FAU Blvd.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Bill Howell, PE	Complete Streets/Mobility Solutions Lead	35	22

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science, Civil Engineering (Structural Emphasis), University of South Florida Bachelor of Arts, Business Administration, University of South Florida	FL Professional Engineer: 37284

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Bill Howell is a Senior Transportation Engineer and Planner in Lochner's Tampa office. He has been with Lochner since 1994, with 13 years' prior experience in transportation engineering. He currently focuses on project development and environment (PD&E) and planning studies. Mr. Howell has conducted and managed PD&E studies for dozens of state-level and local transportation improvement projects, often involving complex socioeconomic, environmental, cultural, and historical issues. He has considerable experience working within the NEPA framework and has overseen the preparation of categorical exclusions, environmental assessments, environmental impact statements, and state environmental impact reports. He is extremely familiar with Section 4(f) and Section 106 procedures. Mr. Howell also has notable expertise in long-range planning, corridor studies, alternatives development and analysis, and conceptual design. He has had particular experience in assessing the socioeconomic impacts of bypasses on rural communities.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
US 41 Roundabouts Final Design
Sarasota, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2020
CONSTRUCTION *(If applicable)*: 2019

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Engineer. Design of two roundabouts with landscaped centers and pedestrian signals to replace two signalized intersections. Design of bicycle lanes, curb and gutter, lighting, and ITS/ATMS facilities. Development of construction staging plan to minimize disruption to traffic and pedestrians in a busy urban setting.

b.

(1) TITLE AND LOCATION *(City and State)*
66th Street PDE Study
Pinellas County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2011
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Project development and environment (PD&E) study, involving a non-major state action (NMSA) environmental evaluation, for extensive operational improvements on 0.55 miles of SR 693 (66th Street North) in Pinellas County, Florida. The improvements involve the addition of a 12-foot-wide southbound lane along the inside median to tie the existing five-lane divided roadway section into the six-lane divided section located directly south of the project limits.

c.

(1) TITLE AND LOCATION *(City and State)*
US 41 Roundabouts PD&E Study
Sarasota, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2013
CONSTRUCTION *(If applicable)*: 2017

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Project development and environment (PD&E) study to evaluate the replacement of two US 41 intersections (10th Street and 14th Street) with roundabouts. Completion of Section 106 and Section 4(f) evaluations. Assessment of sustainable and context-sensitive design features, including the improvement of transit, bicycle, and pedestrian facilities. Creation of traffic microsimulation models and 3-D drive-through animation for use in the public involvement process. This study served as a demonstration project for future roundabout development within the city.

d.

(1) TITLE AND LOCATION *(City and State)*
15th Street East/301 Boulevard East PD&E Study
Manatee County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2017
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. PD&E study for the widening of 4.5 miles of 15th Street East / 301 Boulevard East from two to three lanes, and the construction of associated Complete Streets elements, such as bicycle lanes, sidewalks, pedestrian crossings, street lighting, and roundabouts, as well as transit improvements. Impacts to a historic district, historic cemetery, and creek are key concerns, as are potential contamination issues from petroleum and hazardous waste sites.

e.

(1) TITLE AND LOCATION *(City and State)*
Jefferson Street at Ponce De Leon Intersection Study
Brooksville, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2015
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Intersection study to recommend the improvements needed to provide adequate level of service through design year 2040. The intersection currently sees moderate to heavy traffic on all legs during peak travel periods and significant traffic queues on the north leg and has inadequate corner radii to accommodate the turning movements of the large number of tractor-trailers that pass through the facility. Lochner will evaluate a number of design alternatives, including conventional intersection improvements (e.g., additional turn lanes, traffic signal modifications, and enhanced pavement markings) as well as the replacement of the traditional intersection with a roundabout.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Alejandro Jaureguy, PE	Design, Exceptions, and Variations Lead	15	3

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Miami, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science, Civil Engineering, FIU, Miami, FL	FL Professional Engineer: 73773

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Alejandro Jaureguy is a Senior Project Engineer in Lochner's Miami office. He joined Lochner in 2014 bringing with him 12 years of experience in project management and highway design. Mr. Juareguy's project management experience includes managing multiple clients, plans production, maintenance of traffic, signing & pavement marking, utility relocation, cost estimating, quality assurance/quality control (QA/QC) reviews with numerous state agencies, municipalities, and private sector clients. Responsibilities on past projects included design of roadway, signalization and drainage improvements. He has also supervised a team of engineers and led multidisciplinary coordination with several teams to complete quality projects on schedule and under budget. Mr. Juareguy is also experienced in roadway geometric interchange design, open road tolling design and performing technical reviews of roadway and signing and pavement marking design for the Florida Department of Transportation (Florida's Turnpike Enterprise) and the Miami-Dade Expressway Authority (MDX).

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
SR 70 (Okeechobee Road) and Jenkins Road Intersection Improvements St. Lucie County, FL	2017	2017

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

Project Engineer. Design of intersection improvements, including the addition of through lanes and turn lanes to improve intersection capacity. Performed production and coordination with multiple disciplines for 1.5 miles roadway improvements, which include the addition of through lanes and turn lanes to improve intersection capacity.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Hooker Highway 3R Design Palm Beach County, FL	2015	2016

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

Project Engineer. Design services for the milling, resurfacing, and minor widening of one mile of two-lane undivided urban minor arterial. Performed production of milling and resurfacing, shoulder widening, ADA features updates, signalization, and signing and pavement markings.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
SR 907 (Alton Road) Reconstruction, 43rd Street to East of Allison Road Miami Beach, FL	2024	2019

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

Project Engineer Supervisor (Task Mgr.). Design services for the complete reconstruction of a 2.8-mile stretch of four-lane divided roadway in a dense urban area, including for the first time in Florida, the installation an entirely new roadway drainage system specifically designed to address rising sea levels. Responsible for: Overall plans production - Project consist of the reconstruction of Alton Road. Four lanes divided urban road.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
SR 968 (Flagler Street) Rehabilitation, West of 69th Avenue to West of SR 9 Miami-Dade County, FL	2024	2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

Supervisor (Task Mgr.). Design for the resurfacing of 4.3 miles of four-lane roadway, as well as the closure of 11 unused driveways, the addition of 19 pedestrian refuge islands, and the upgrade of curb ramps to meet current ADA requirements. RRR project consists of the milling and resurfacing of Flagler Street as well as ADA and miscellaneous drainage improvements.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
SR-5_Overseas Highway from MM 48.70 - MM 49.03 Marathon Key, Monroe County, FL	2016	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

Supervisor (Task Mgr.) responsible for overseeing and coordinating the production and QA/QC of this Trace Consultant's project in Marathon Key.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE a. TOTAL	b. WITH CURRENT FIRM
Andrea Ostrodka, AICP, LEED AP	Multimodal and Transit Planning Lead	13	0

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*
Bachelor of Arts, History/Environmental Studies, Emory University
Masters of Urban Planning, Urban and Regional Planning, University of North Carolina

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
AICP
LEED AP

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Andrea Ostrodka is a Senior Project Manager in Lochner's Southeast Region. She joined the firm in 2016 and brings over 13 years of diverse experience in the management of complex and high-profile planning and zoning contracts with particular experience in addressing growing areas in Florida. Before joining Lochner she served as both Director of Planning and Development and Manager of Strategic Planning for LYNX in Orlando where she oversaw their daily planning operations and coordination with over 30 local municipalities. She has diverse public and private-sector experience in comprehensive planning, community design, transit systems planning, project and team management with a focus in transportation, sustainable design, strategic planning, zoning, land development regulations, policy, code-writing, and public relations. As Director of LYNX's Planning and Development Department she oversaw the daily operations of a 25-person staff and was responsible cultivating and maintaining strategic partnerships with local governments and stakeholders to advance their transportation goals. As Manager of Strategic Planning she managed the service integration of the LYNX-SunRail Phase I program including 26 feeder routes, a bus bridge Standard Operating Procedure (SOP), and regular coordination with FDOT.

19. RELEVANT PROJECTS

a.
(1) TITLE AND LOCATION *(City and State)*
Tampa Bay Premium Transit Feasibility Study
Hillsborough County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2018
CONSTRUCTION *(If applicable)*:

[X] Check if project performed with current firm

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
Supervisor (Task Mgr.). Performing research and analysis regarding qualification methodologies for economic impact of premium transit systems for this Tampa Bay feasibility study.

b.
(1) TITLE AND LOCATION *(City and State)*
Pasadena Hills Area Plan
Pasco County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2009
CONSTRUCTION *(If applicable)*:

Check if project performed with current firm

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
Senior Project Manager. The Pasadena Hills Area Plan is a regional land use vision plan covering 22,000 acres in Pasco County, Florida. The plan includes villages and hamlets of concentrated residential development, commercial/retail and other non-residential uses clustered in a village center and areas set aside for more rural development and conservation. The plan resulted from a partnership among several large landowners and the county. Cost: $400,000

c.
(1) TITLE AND LOCATION *(City and State)*
US 192 Corridor Study
Osceola County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2013
CONSTRUCTION *(If applicable)*:

Check if project performed with current firm

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
Project Manager. This study evaluated alternatives for the potential improvement and expansion of transit service along two corridors, primarily located in Osceola County, Florida. It also evaluated current and designated land uses for compatibility with economic development and transportation goals associated with the corridor. Cost: $1,000,000

d.
(1) TITLE AND LOCATION *(City and State)*
Central Florida Regional Transit Authority Transit Development Plan
Central Florida

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2013
CONSTRUCTION *(If applicable)*:

Check if project performed with current firm

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
Project Planner. The Transit Development Plan covers a 10-year horizon and evaluates demographic changes, development and land use trends, and transportation needs for a three county area in Central Florida. The plan also outlines guidelines and recommendations for bus and rail transit service for the 10 year period, including capital and operational cost estimates. Cost: $500,000

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

(2) YEAR COMPLETED
PROFESSIONAL SERVICES:
CONSTRUCTION *(If applicable)*:

Check if project performed with current firm

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Jason Green, AICP	GIS Lead, Planner	15	9

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Salt Lake City, UT

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Masters of Science, Urban Planning, University of Utah Bachelor of Science, Urban Planning, University of Utah Bachelor of Science, Anthropology, University of Tennessee	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Mr. Green has a diverse background in urban and regional planning, project management, FTA program management, NEPA implementation, and public involvement. His areas of expertise include FTA programs and guidance, alternative development and analysis, existing conditions analysis, cultural and socioeconomic resource evaluation, environmental and land use compliance, and public involvement management. In addition, he is experienced in all levels of NEPA compliance and documentation. He has assisted in leading regional land use and transportation visioning efforts, and has worked closely with municipalities throughout the state on a variety of land use and transportation issues and opportunities. Mr. Green is also adept at agency and stakeholder coordination and is experienced in educating the public and key stakeholders on the benefits and processes of environmental and regional land use and transportation planning. His extensive permitting experience includes coordinating with the Army Corps of Engineers to complete nationwide Section 404 permitting and the State Division of Water Resources for stream alteration permits.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Pleasant Grove Bicycle Master Plan Study
Pleasant Grove, UT

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2013
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Project management, bike/pedestrian facility planning, and public involvement services for development of comprehensive Bicycle and Pedestrian Facilities Master Plan for the City of Pleasant Grove. Responsible for managing all elements of the project including scope, schedule, and budget Managing the draft and final document preparation

b.

(1) TITLE AND LOCATION *(City and State)*
UDOT Transit Planning On-Call Services
Statewide, UT

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2013
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Environmental Specialist. Support for UDOT's Public Transit Team in managing various projects, including coordination with agencies and grant recipients around the state to identify projects eligible for FTA funding, and program management for the 5311(f) – Intercity Bus, 5316 – Job Access Reverse Commute, and 5317 – New Freedom programs.

c.

(1) TITLE AND LOCATION *(City and State)*
UDOT FTA Planning & Program Management
Salt Lake City, UT

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2016
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Three-year contract to manage and ensure compliance with the FTA programs designated to the state of Utah under SAFETEA-LU and MAP-21. Lochner will manage approximately $10,500,000 in federal funds annually. Responsible for overseeing FTA program management and compliance.

d.

(1) TITLE AND LOCATION *(City and State)*
Complete Street Policy Workshops
Ogden, Bluffdale, Centerville, UT

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2015
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Program Manager. Coordination, facilitation, and development of materials for three two-day workshops as part of a pilot program to assist municipalities to incorporate Complete Streets policies into their planning processes. Responsible for: In cooperation with the Wasatch Front Regional Council, developed a Complete Streets Policy Workshop pilot program. To date 3 cities have completed the program resulting in a draft policy to be taken up by the city councils for adoption and implementation. The workshops include 3 - 2 hour sessions discussing complete streets 101, policy elements, vision, funding, policies and procedures and draft review. Attendees include council members and department heads.

e.

(1) TITLE AND LOCATION *(City and State)*
UDOT Transit Planning On-Call Services
Statewide, UT

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2011
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Support for UDOT's Public Transit Team in managing various projects, including coordination with agencies and grant recipients around the state to identify projects eligible for FTA funding, and program management for the 5311(f) – Intercity Bus, 5316 – Job Access Reverse Commute, and 5317 – New Freedom programs.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Thomas Stoner, PE, P.Eng	QA/QC Manager	33	33

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science, Civil Engineering, University of Florida	FL Professional Engineer: 40251 IL Professional Engineer: 062.061429 KY Professional Engineer: 22142

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Tom Stoner is a Senior Transportation Engineer with the Tampa office and also Lochner's Alternative Delivery group. He has more than 33 years of transportation engineering experience—all as part of the Lochner team. Mr. Stoner has served in project management, Engineer of Record, and senior design roles for a diverse range of projects—predominantly roadway, bridge, and interchange design, but also project development and environment studies, traffic studies, traffic design, and construction engineering and inspection (CEI) contracts. He has led the design of dozens of greenfield and brownfield roadway projects in urban and rural locations. His technical expertise includes complex roadway and interchange geometrics, lighting, signalization, signing and pavement marking, drainage, traffic analysis, permitting, and CADD systems management. He also has experience in construction inspection, document control, and CPM scheduling—tasks that he notably performed as part of Lochner's CEI team for the $220 million Sunshine Skyway Bridge, which spans Florida's Tampa Bay.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
FDOT District 7 General Engineering Consultant
Districtwide, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2019
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager: General engineering consultant services for five-year period (2014–2019) under a $30M contract spanning transportation development support tasks in the areas of engineering, surveying, architecture, landscaping, geographic information systems, and management with a primary focus on design-build program management, as well as right of way appraisal and acquisition services.

b.

(1) TITLE AND LOCATION *(City and State)*
GEC-Task01 Gateway Express DB RFP Support
Pinellas County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2014
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Design–build services for the Gateway Express: an elevated, tolled expressway connecting US 19, St. Petersburg–Clearwater Airport, and the Bayside Bridge directly to I-275. Lochner will combine five sets of design plans originally intended for separate construction, adjust to include toll facilities, reduce detail to the level of indicative plans suitable for a design–build RFP, and create a homogenous design that can be built as one project. Lochner will also prepare all technical specifications for the design–build RFP and provide technical advice to FDOT during the two-stage selection and evaluation process, including a review of the plans and alternative technical concepts submitted in Stage 2. Once FDOT selects a design–build team and the project commences, Lochner will review all design plans prior to construction and will serve as FDOT's Client's representative for technical issues that arise during construction.

c.

(1) TITLE AND LOCATION *(City and State)*
GEC-Task03 I-275-SR 60 Interchange Analysis
Hillsborough County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2014
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Development of design concepts, estimation of the associated right of way impacts and construction costs, and level of service analyses for the addition of express lanes through the I-275/SR 60 interchange. The concepts will include connections to Tampa International Airport, the Veterans Expressway express lanes, and a Westshore intermodal center; general access to the Westshore business district; and future connections to an intercity passenger rail system.

d.

(1) TITLE AND LOCATION *(City and State)*
SR 690 (SR 686) Stage 2-3, EB Zipper
Pinellas County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2014
CONSTRUCTION *(If applicable)*: 2019

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Design of eastbound travel lanes for 1.25 miles (40th Street to 28th Street) of the new SR 690 (SR 686) connector to I-275 in Clearwater, Florida, including a 1,700-foot mainline bridge, cantilevered over the 34th Street intersection.

e.

(1) TITLE AND LOCATION *(City and State)*
US 19 (SR 55) from N of Nebraska Ave to S of Timberlane Rd
Pinellas County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2019
CONSTRUCTION *(If applicable)*: 2025

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Design to upgrade of 2.4 miles of US 19 from north of Nebraska Avenue to south of Timberlane Road from a six-lane arterial to an elevated, six-lane controlled-access expressway with two-lane, one-way frontage roads on either side. To improve pedestrian safety, Lochner developed an innovative design for a "pedestrian thruway"—the first of its kind—which will allow pedestrians to cross US 19 at grade under an elevated road profile. This will cost significantly less than an overpass and has much greater accessibility.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Matthew Wey, PE, PTOE	Engineer	19	1

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science, Civil Engineering, University of South Florida Masters of Science, Civil Engineering, University of South Florida	FL Professional Engineer: 59545

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Matthew Wey joined Lochner in 2015, with 18 years' experience in transportation and traffic engineering and planning for federal, state, municipal, university, and private clients. Mr. Wey has served as project manager or lead engineer on a wide variety of multimodal transportation planning projects, NEPA environmental studies, and project development and environment (PD&E) studies. His expertise includes the development of regional multimodal transportation plans and freight programs, the creation of large-scale access management plans, and the completion of traffic impact and transportation corridor studies in rural, urban, and environmentally sensitive locations. He has headed many public engagement programs and has considerable experience in coordination between governmental and environmental agencies, transit and utility providers, businesses, community groups, and other project stakeholders. He has conducted technical analyses to support many interchange modification and operational analysis reports and is experienced in the development of design traffic memoranda and preliminary engineering reports, conceptual roadway design, and transportation cost estimating.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Strategic Intermodal System (SIS) Studies - 2012
Districtwide, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2018
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. On-call planning services and studies for Florida DOT's District 7 Strategic Intermodal System facilities.

b.

(1) TITLE AND LOCATION *(City and State)*
Alt US 19-SR 595 Corridor Study II from Belleair Rd to Pinellas-Pasco County Line
Pinellas, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2018
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Lochner is conducting a study analysis of travel related problems, needs and issues along the SR 595/Alt 19 corridor from Belleair Rd to the Pinellas/Pasco County line for FDOT District 7. This project involves a corridor study (pre-PD&E) to evaluate the need for multimodal transportation improvement along a congested regional transportation corridor. Lochner is tasked with identifying the cause and characteristics of the corridor's transportation issues. Lochner is also tasked with identifying both current US 19 corridor travel conditions and needs and forecasted travel characteristics and needs while also developing potential workable and implementable solutions for travel needs. Testing of alternatives for potential improvements may also be involved.

c.

(1) TITLE AND LOCATION *(City and State)*
Transportation Engineering and Planning Services
Sarasota County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2017
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Intersection study to perform traffic analysis and determine the improvements needed to make Honore Avenue and Bee Ridge Road intersection operate at acceptable level of service conditions under future 2038 traffic conditions. Further, a conceptual design plan for the addition of northbound right turn storage lane was developed.

d.

(1) TITLE AND LOCATION *(City and State)*
I-75 Regional Corridor Transportation Use Evaluation
Multiple Counties, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2016
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Senior Traffic Engineer. Lochner conducted a regional corridor transportation use evaluation for consideration of transit options along the I-75 Corridor, from Wesley Chapel in Pasco County to the north to the Bradenton/Palmetto area in Manatee County to the south. Additional considerations included assessing various mobility options for the connection from Brandon to downtown Tampa in Hillsborough County.

e.

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

(2) YEAR COMPLETED
PROFESSIONAL SERVICES:
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

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	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Manuel Sauleda, PE	Engineer	28	0

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Miami, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science , Civil Engineering and Architectural Engineering , University of Miami	FL Professional Engineer: 45988

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Mr. Sauleda is a Senior Project Manager in Lochner's Miami office. He joined Lochner in 2016 bringing with him 28 years of highway experience in the technical execution of complex civil engineering projects, particularly in roadway geometrics (rural and urban), drainage design and permitting. His project management experience includes plans production, maintenance of traffic, , utility design/relocation, french drain and pond design, signing and pavement marking plans, cost estimating and QA/QC and plan reviews. Software knowledge includes GEOPAK and MicroStation, AdICPR, Microsoft Suite (Word, Excel, PowerPoint) and Microsoft Project.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Design Services for Transit Improvements
Broward, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2019
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Engineer. EOR for the Temporary Traffic Control Plans on this 10.3 mile project along SR 5/US-1/Federal Highway from the Miami-Dade/Broward Line to SR 842/Broward Blvd, Lochner is also providing Utility Coordination services. The project, which traverses the cities of Hallandale Beach, Hollywood, Dania Beach and Fort Lauderdale consist of providing premium transit service along the corridor by installing Transit Signal Priority, bus shelters, crosswalks, and potentially a Queue Jump that is being studied for just north of the Miami-Dade/Broward County Line.

b.

(1) TITLE AND LOCATION *(City and State)*
SR 826-Palmetto Expy from E of NW 67 Ave to E of NW 57 Ave
Miami, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2017
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Supervisor (Task Mgr.). The Palmetto Expressway Segment 3 project consists of the widening and reconstruction of to accommodate four Express Lanes (two in each direction), as well as auxiliary lanes and a Frontage Road system. In addition, dual left turn lanes (along NW 57 Ave), triple left turn lanes (from the Frontage Roads) and Texas U-turn lanes will be added to improve traffic flow within the interchange. A new bridge over NW 57 Ave will be constructed in order to meet vertical clearance requirements, as well as to provide additional turn lanes and the Texas U-turn lane. Lochner's scope includes maintenance of traffic and preparation of temporary traffic control plans. The MOT will be performed in three major phases, with phase 1 being the new Frontage Roads, phase 2 the EB construction, phase 2 the WB construction.

c.

(1) TITLE AND LOCATION *(City and State)*
SR 826-Seg. 1, Palmetto Expwy from I-75 to N Canal C-8 Bridge
Miami-Dade County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2021
CONSTRUCTION *(If applicable)*: 2025

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Engineer. The primary purpose of this project is to relieve congestion on the SR 826 corridor by increasing capacity and improving system connectivity, enhance safety by addressing operation, structural and functional deficiencies and provide additional travel options. These improvements consist of the addition of express lanes, auxiliary lanes, reconstruction of the mainline and improvements to the existing interchanges.

d.

(1) TITLE AND LOCATION *(City and State)*
SR 7-NW 7th Avenue from N of NW 79th Street to Little River Drive
Miami-Dade County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2019
CONSTRUCTION *(If applicable)*: 2019

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

QC/QA. Serves as Quality Control reviewer for the drainage and signal design on this 0.6 mile project along SR 7/US 441/NW 7th Avenue from NW 79th St to NW Little River Drive. The project, which is located within unincorporated Miami-Dade County, removes one traffic lane in each direction to provide for a wider median and bicycle lanes.

e.

(1) TITLE AND LOCATION *(City and State)*
SR 907 (Alton Road) Reconstruction, 43rd St to East of Allison Rd
Miami Beach, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2024
CONSTRUCTION *(If applicable)*: 2019

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Engineer. Design services for the complete reconstruction of a 2.8-mile stretch of four-lane divided roadway in a dense urban area, including for the first time in Florida, the installation an entirely new roadway drainage system specifically designed to address rising sea levels. Reviewed horizontal and vertical geometry for compliance with the FDOT's standards and guidelines, includes reviews of typical section package, pavement design and various Design Variations.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Lara-Mae Bouck, PE, AICP	Multimodal and Transit Planning	12	2

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science, Materials Science and Engineering, Northwestern University Masters of Science, Urban and Regional Planning, Florida State University	FL Professional Engineer: 70129

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Lara Bouck is a Senior Planner in Lochner's Southeast region. She joined the firm in 2014 with 10 years' experience in transportation and transit planning. Ms. Bouck is an experienced planner and project manager, who has been a key player in a number of large-scale projects and completed a diverse range of planning activities for private, municipal, regional, and state-level clients. Her expertise encompasses feasibility and corridor studies, project development and environment (PD&E) studies, capital cost development, social and cultural impact analyses, public involvement techniques, and the preparation of FTA and NEPA documentation. She has had notable involvement in transit planning initiatives related to rail (commuter, light, and freight), bus rapid transit, intercity bus service, and regional intermodal systems, as well as for trails and other pedestrian/ non-motorized facilities. She has also worked on numerous transportation- and traffic-focused planning projects, ranging from city center master plans to PD&E studies for interstate improvements.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
15th Street East/301 Boulevard East PD&E Study
Manatee County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2017
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Senior Planner. PD&E study for the widening of 4.5 miles of 15th Street East / 301 Boulevard East from two to three lanes, and the construction of associated Complete Streets elements, such as bicycle lanes, sidewalks, pedestrian crossings, street lighting, and roundabouts, as well as transit improvements. Impacts to a historic district, historic cemetery, and creek are key concerns, as are potential contamination issues from petroleum and hazardous waste sites.

b.

(1) TITLE AND LOCATION *(City and State)*
Tampa Bay Premium Transit Feasibility Study
Hillsborough County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2018
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Study to investigate the feasibility of potential regional transit options. The planning approach starts at a high level by creating an overall Vision for a regional transit network and philosophy based on public input and a market analysis. The plan then moves from regional Vision into more detail on specific alternatives, and operational and capital components of recommended premium transit projects. The most competitive alternative(s) for federal funding will be recommended by this Study based on ability to meet regional needs and to ensure the highest return on investment (ROI). The area for this Study is defined as the urbanized area within Hillsborough, Pasco, and Pinellas counties that constitutes the TMA.

c.

(1) TITLE AND LOCATION *(City and State)*
Alt US 19/SR 595 Corridor Study from Belleair Rd
Pinellas/Pasco County Line, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2018
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. This project involves a corridor study (pre-PD&E) to evaluate the need for multimodal transportation improvement along this key regional transportation corridor. Lochner is conducting analysis of travel related problems, needs and issues along the SR 595/Alt 19 corridor from Belleair Rd to the Pinellas/Pasco County line in close coordination with the project segment to the south. Lara is responsible for coordination and oversight of the Public Involvement Program. An extensive public outreach and involvement program is planned as a part of this planning-level study in order to fully identify stakeholder needs and goals as they relate to the project.

d.

(1) TITLE AND LOCATION *(City and State)*
SR 8 (I-10) PD&E Study
Gadsden and Leon Counties, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2017
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Senior Planner. Development of design alternatives for PD&E study to investigate the widening of two four-lane sections of interstate to six lanes and for two interchange operational analysis reports to improve traffic operations and safety. Lara performed as QC reviewer for the existing conditions write-up.

e.

(1) TITLE AND LOCATION *(City and State)*
I-75 Regional Corridor Transportation Use Evaluation
Multiple Counties, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2016
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Lochner conducted a regional corridor transportation use evaluation for consideration of transit options along the I-75 Corridor, from Wesley Chapel in Pasco County to the north to the Bradenton/Palmetto area in Manatee County to the south. Additional considerations included assessing various mobility options for the connection from Brandon to downtown Tampa in Hillsborough County.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Jorge Lopez, PE	Engineer	14	4

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Miami, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science, Civil Engineering, Florida International University	FL Professional Engineer: 73797

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Mr. Lopez joined Lochner in 2012, bringing with him 10 years of experience of roadway, traffic control plans and signalization design and plans production. Mr. Lopez has extensive experience on Quality Control and Constructability Review procedures. His responsibilities include the design and production of roadway projects including most components such as the horizontal and vertical geometry, cross sections, computation books, drainage analysis and production, traffic control plans, signing and pavement markings and signalization plans. Mr. Lopez is well versed with FDOT standards, procedures and preferences and is also FDOT Specification Package Certified.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
SR 70 (Okeechobee Road) and Jenkins Road Intersection Improvements St. Lucie County, FL	2017	2017

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

Project Engineer. Design of intersection improvements, including the addition of through lanes and turn lanes to improve intersection capacity. Responsible for Pavement Design Package, Community Awareness Plan, Utility Coordination.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Hooker Highway 3R Design Palm Beach County, FL	2015	2016

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

Project Engineer. Design services for the milling, resurfacing, and minor widening of one mile of two-lane undivided urban minor arterial. Responsible for roadway design for milling and resurfacing, shoulder widening, guardrail design, pavement design, utility coordination, SPM, and Project Management.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
I-95 (SR 9A) SB Rehabilitation, 103rd Street to 125th Street Miami-Dade County, FL	2015	2015

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

Project Engineer. Design, production and coordination for the rigid pavement rehabilitation of 1.4 miles segment of I-95. Responsible for Plans Production including TCP, S&PM, and Cross Sections, prepared Pavement Design Package, Typical Section Package, Prepare Computation Book, Project Documentation (CAP, practical design report, RRR report), Design Exception and Variations, and Utility Coordination.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
SR826-Palmetto XWAY from East of NW 12th Ave to West of NW 7th Ave Miami-Dade County, FL	2013	2016

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

Project Engineer. Responsible for preparing Design Exception and Variations, Utility Coordination, Prepare Computation Book, Prepare Project Documentation (CAP, practical design report, RRR report).

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
I-95 (SR 9A) Rehabilitation, NW 79th Street to NW 103rd Street Miami-Dade County, FL	2016	2015

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

Project Engineer. Design, production and coordination for the rigid pavement rehabilitation of 1.4 miles segment of I-95. Responsible for Plans Production including TCP, S&PM, and Cross Sections, prepared Pavement Design Package, Typical Section Package, Prepare Computation Book, Project Documentation (CAP, practical design report, RRR report), Design Exception and Variations, and Utility Coordination.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Joseph Samus Jr., PE	Engineer	8	0

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science, Civil Engineering, University of South Florida Masters of Science, Transportation Engineering, University of South Florida	FL Professional Engineer: 80489

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Joseph Samus Jr. joined Lochner in 2017 and has 8 years of experience in transportation and traffic engineering and urban and regional planning for federal, state, and municipal clients. A published traffic professional, Joseph has provided detailed traffic development and operational analysis throughout his career, excelling in urban and regional planning, project and staff management and a variety of production tasks including travel demand modeling, corridor operational analysis, and traffic development and forecasting. During his tenure as a Graduate Researcher with the Center for Urban Transportation Research (CUTR) at the University of South Florida, Joseph served on a team of associates who focused on the implementation and operational characteristics of Bus Rapid Transit (BRT) systems internationally for the National Bus Rapid Transit Research Institute (NBRTI). During that time he was involved in several studies performing tasks including detailed survey design, data analysis, and report preparation. Joseph has extensive experience in transportation and design studies including performing Interchange Access Requests (IMRs, IJRs, IOARs), PD&Es, travel demand model validation reports, planning studies, traffic studies, and detailed corridor simulation studies. He is proficient in the use of ArcGIS, the Florida Standard Urban Transportation Model Structure (FSUTMS), Cube Voyager, Synchro, CORSIM, VISSIM/VISUM, and Highway Capacity Software (HCS).

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Alt US 19-SR 595 Corridor Study II from Belleair Rd to Pinellas-Pasco County Line Pinellas, FL	2018	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

Traffic Engineer. This project involves a corridor study (pre-PD&E) to evaluate the need for multimodal transportation improvement along a regional transportation corridor. Lochner is conducting analysis of travel related problems, needs and issues along the SR 595/Alt 19 corridor from Belleair Rd to the Pinellas/Pasco County line.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	
Dolphin Express Analysis Miami-Dade County, FL	2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — Check if project performed with current firm

Traffic Engineer. **.** Joseph coded in updated highway network for the Dolphin Expressway into the SERPM model. He developed a subarea origin-destination matrix, utilizing origin-destination extraction techniques, to help determine the placement of slip ramps for a managed lane system.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
SR 90/SW 8th Street & SR 90/SW 7th Street Miami, FL		2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — Check if project performed with current firm

Traffic Engineer. The purpose of this project is to improve the existing and future physical, operational and safety deficiencies along the one-way pair of SR 90/SW 8th Street and SR 90/SW 7th Street, including at the interchanges of these roadways with Interstate 95 (I-95). This project will evaluate potential physical, operational and safety needs of the project corridor, including the interchanges at SW 8th Street and I-95 and SW 7th Street and I-95. Proposed improvements will be developed to enhance traffic operations, promote safety, provide a multimodal and pedestrian friendly corridor, and provide better access to the Brickell area. The study limits are along SR 90/SW 8 Street/SW 7 Street from SW 27 Avenue to SR 5/US 1/Brickell Avenue.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Thomasville Road Planning Study Leon County, FL	2016	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — Check if project performed with current firm

Traffic Engineer. Joseph performed travel demand modeling, GIS support, and traffic operational analysis services for Leon County. He performed travel demand subarea model validations, developed traffic forecasts, performed traffic operational analysis, and prepared ArcGIS mapping for use in testing the impact of the Welaunee Development on the Thomasville Rd. Corridor and surrounding roadway network.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Matthew Wolczynski, PE	Engineer	14	2

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science, Civil Engineering , Georgia Tech	FL Professional Engineer: 67768

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Matthew Wolczynski joined Lochner in 2015 with over 12 years of transportation engineering experience, including more than 10 years working with Florida's Turnpike Enterprise. His background includes both traditional and alternative (design–build) project delivery. As a project manager and lead engineer, Mr. Wolczynski has overseen multidisciplinary in-house and subconsultant teams in the successful delivery of large-scale roadway improvement projects, such as the widening and reconstruction of the Veterans Expressway for Florida's Turnpike Enterprise, including all-electronic tolling conversion, during the design and post-design phases. He has also managed design–build RFP development, as well as technical support during the procurement process, as an owner's representative.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
US 41 Roundabouts Final Design
Sarasota, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2020
CONSTRUCTION *(If applicable)*: 2019

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

QC/QA. Design of two roundabouts with landscaped centers and pedestrian signals to replace two signalized intersections. Design of bicycle lanes, curb and gutter, lighting, and ITS/ATMS facilities. Development of construction staging plan to minimize disruption to traffic and pedestrians in a busy urban setting. Responsible for QC review for TCP plans

b.

(1) TITLE AND LOCATION *(City and State)*
Strategic Intermodal System (SIS) Studies - 2012
Districtwide, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2018
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Senior Roadway Engineer. On-call planning services and studies for Florida DOT's District 7 Strategic Intermodal System facilities. Responsible for coordinating directly with traffic group in development of short term and long term conceptual designs to provide solutions to satisfy future traffic demands. Design focused on I-275 Mainline from MLK to north of Bears, including at interchanges and all local roads / surface streets. Coordinated with Client (District 7) to present proposed solutions and address their comments and other input.

c.

(1) TITLE AND LOCATION *(City and State)*
Mainline Widening (Jupiter to Ft. Pierce) PDE Study
Orlando, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2019
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Senior Roadway Engineer. Lochner is evaluating alternatives for the widening of Florida's Turnpike (SR 91) from Indiantown Road to SR 70 (Okeechobee Road). A distance of approximately 36.7 miles. The project corridor contains a crossing of the Loxahatchee River and St. Lucie Canal. In addition, the corridor contains Florida Gas Transmission and the Fort Pierce/Port St. Lucie Service Plaza. The project is located in Palm Beach, Martin and St. Lucie Counties. Improvements to the existing interchanges in the corridor will be evaluated. New interchange access locations will also be evaluated as part of the study.

d.

(1) TITLE AND LOCATION *(City and State)*
GEC-Task12 DB RFP Development
Tampa, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2016
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Senior Roadway Engineer. Responsible for: Lead Roadway Engineer for I-275 Design Concept (Line and Grade). Oversaw staff in concept development. Coordinated with Gateway portion of project, developed Typical Section Package, prepared Design Variations and Design Exceptions, coordinated with management regarding project development

e.

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

(2) YEAR COMPLETED
PROFESSIONAL SERVICES:
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[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	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Susan Black, JD	Multimodal and Transit Planning	28	0

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Arts, Communication/Journalism, Florida State University Masters of Science, Public Administration, University of Central Florida Juris Doctorate, University of Florida College of Law	FL Lawyer: 89273

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Susan Black, JD, MPA, is a Senior Program Manager who joined Lochner in 2016 and has diverse public and private-sector experience in Program Management, Organizational Development and Planning, Performance Management, Risk Management, and Team Management with a focus in process and system design, policy development, and strategic planning and implementation. While serving as the LYNX General Manager, Susan was directly responsible for all administrative functions, including: Planning and Development, Grants & Procurement, Engineering & Construction, Risk Management, Labor Relations/Human Resources, Marketing & Communication, and Information Technology. Susan's specific project experience includes development and implementation of the multi-year strategic plan for Central Florida Regional Transportation Authority (LYNX), executive involvement in the Transportation Development Planning (TDP) process, as well as other public transit service delivery planning; facilitation and coordination of multi-jurisdictional workshops focused on building inter-agency collaboration to achieve Central Florida's regional transportation goals; Development and delivery of transit/transportation presentations to business leaders, public officials and other regional stakeholder groups. Susan is proud to have had the opportunity to build and maintain strong professional relationships with Central Florida's public transportation leadership teams.

PREVIOUS EXPERIENCE WITH OTHER ORGANIZATIONS
General Manager / Interim CEO | Central Florida Regional Transportation Authority (LYNX), Orlando, FL
May 2014 – June 2016

Leadership through Transition:

- Provided strong executive leadership during a period of leadership transition
- Effectively managed the LYNX public transit system: $120 million annual operating budget, 3 facilities locations, 300 vehicles and 75 routes serving over 100,000 riders daily across 2,500 sq. mi., with over 4,500 bus stops/shelters within the tri-county service area
- Consistently met and exceeded expectations of Federal, State and local funding-partners while delivering multiple complex transit initiatives (e.g.: design & construction of new Bus Rapid Transit, Public/Private Partnership for a new Compressed Natural Gas Facility, among others)
- Successfully led project teams through highly visible and politically sensitive organizational evolutions such as multi-party transit-related projects, labor union contract negotiations, complex pension arbitrations, and employee healthcare plan migration
- Enhanced organizational credibility through forging community partner relationships, setting high performance expectations, and increasing transparency through providing clear and accurate information to stakeholders

Significant Increase in Organizational Efficiency & Effectiveness:

- Developed and recommended principle-based policy/procedural modifications to align resource deployment with organizational priorities
- Achieved measurably increased cross-functional coherence through implementation of recommended SOP modifications
- Strengthened organizational infrastructure by conducting needs assessments, functional analyses and implementing action plans for all administrative departments, including Human Resource Management & Training, Engineering & Construction, Facilities Maintenance, Planning & Development/Grants, Marketing & Communication, Customer Service; Risk Management Security & Safety, Information Technology, Business Development & Advertising

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
a.	SWFWMD General Engineering Services 2014-2019 Tampa, FL	2019	
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	**[X]** Check if project performed with current firm	
	Supervisor (Task Mgr.). Peer review of design plans for a 50-acre stormwater detention pond. Performs Project Management Office (PMO) Assessment, Analysis and Recommendations		

	(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
b.	Tampa Bay Premium Transit Feasibility Study Hillsborough County, FL	2018	
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	**[X]** Check if project performed with current firm	
	Supervisor (Task Mgr.). Performs research/analysis regarding quantification methodologies for economic impact of premium transit systems		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Brad Lucas, PE	Engineer	24	17

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Salt Lake City, UT

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science, Civil Engineering, University of Utah	UT Professional Engineer: 318782

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Mr. Lucas has extensive experience managing and designing projects for numerous state and local governments. He is an expert in roadway, freeway, signing, striping, traffic control and intersection design, including signals, roundabouts, CFIs, limited access, SPUIs, and diamond interchanges. He is also proficient in alternative development and analysis, and traffic analysis and simulation. Mr. Lucas has successfully completed quality designs for over 50 signalized intersections. He is well-versed in UDOT, AASHTO, and MUTCD standards and has gained extensive experience in conducting alternatives analysis, designing local street improvements and intersections, and developing multi-phase maintenance-of-traffic plans, construction phasing plans, and engineering estimates.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Capitol Hill Intersection Design Salt Lake City, UT	2005	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

Project Manager. Design to reconfigure three intersections and construct two traffic signals in a historic residential neighborhood adjacent to the State Capitol. Responsible for managing all aspects of the project including the intersection and signal design and stakeholder coordination.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Legacy Parkway Salt Lake & Davis Counties, UT	2006	2008

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

QC/QA. Design of a four-lane, limited-access, divided highway extending approximately 14 miles, including a parallel multiuse trail for pedestrians, bicyclists, and equestrians; three bridges; one pedestrian overpass over railroad tracks and I-15; two pedestrian underpasses with architectural features; and multiple sign structures.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
I-15, South Layton Interchange Design-Build Layton City, UT	2012	2010

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

Traffic Engineer. Lead design services for a new single point urban interchange, removal of an existing partial interchange, widening of I-15 to create a 1.8-mile express lane, a new five-lane roadway at 750 South, a new grade-separated UPRR/UTA rail crossing, and various local street improvements.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
CTfastrak Bus Rapid Transit Corridor Hartford, CT	2007	2007

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

Traffic Engineer. Highway and drainage design for a 1-mile section of new bus rapid transit corridor adjacent to an active Amtrak line in a highly urbanized location. Structural design for two new bridges, one bridge reconstruction, and 12 retaining walls. Responsible for providing oversight for development of busway design criteria and geometric layout.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
SR 68 (Redwood Road), Bangerter Highway to Saratoga Springs Design-Build Salt Lake & Utah Counties, UT	2010	2009

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[X]** Check if project performed with current firm

Traffic Engineer. Design for reconstruction and widening of 10 miles of Redwood Road (SR 68), including wildlife crossings, noise walls, drainage system, and traffic operation improvements. Responsible for leading traffic signal and lighting design for the SR-68 corridor.

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 1

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Tri-County Trail FDOT District 7 General Engineering Consultant Districtwide, FL	2017	2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Florida Department of Transportation-District 7	Mary Lou Godfrey	813-975-6621

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

Lochner has been selected as the Florida Department of Transportation (FDOT) District 7 general engineering consultant for a five-year period (2014–2019) under a $30 million contract. Services under this contract span transportation development support tasks in the areas of engineering, surveying, architecture, landscaping, geographic information systems, and management.

Lochner, acting as an extension of FDOT staff as a general engineering consultant (GEC), has served as the owners representative for the Design-Build project to construct the Tri-County Trail in Pinellas County Florida. The Tri-County trail constructs a 12-foot to 15-foot wide shared use path from the intersection of East Lake Road and Keystone Road to the Pinellas/Hillsborough county line, a distance of approximately 5 miles. Much of the alignment of the Tri-County Trail extends through the 8,700 acre Booker Creek Preserve, the largest natural area in Pinellas County, the most densely populated county in Florida. The preserve consists of forested wetlands and pine flatwoods and is unique refuge for native flora and fauna and a home to many animals. The preserve is jointly owned by Pinellas County and the Southwest Florida Water Management District (SWFWMD) and managed by Pinellas County Department of Parks and Conservation Resources. The Tri-County trail is one part of the larger Florida Coast to Coast Trail which will eventually extend from Pinellas County on the Gulf Coast of Florida to Titusville on the Atlantic Coast.

Lochner developed the concept plans, including pavement design and typical section package for the Tri-County Trail and prepared the Request for Proposal (RFP) for the design-build project to construct the trail itself. Lochner coordinated with FDOT, Pinellas County, SWFWMD, and multiple utility owners on the design and alignment of the trail to minimize impacts to the preserves natural features while still allowing for the public to experience this unique natural resource. In addition, Lochner assisted the FDOT Technical Review Committee in the evaluation of the Technical Proposals, the answering of bid questions submitted by prospective design-build teams, review of plans, permits, and calculations prepared by the design-build firm, and ongoing support and issue resolution during construction. The Design-Build project was awarded in July 2015, with construction activities commencing in early 2016. The grand opening of the trail is scheduled for July 20, 2017.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H.W. Lochner, Inc.	Tampa, 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

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)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Sidewalk Improvements - Columbus Ave and Manhattan Ave Tampa, FL	2017	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Westshore Alliance	Chris Weber	813-289-5488

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

Working in response to the needs of its more than 400 business members, the Westshore Alliance undertakes a number of initiatives each year to improve living and working conditions in Tampa's Westshore District. The Alliance initiated a project to improve pedestrian facilities on 500 feet of Manhattan Avenue (Spruce Street to Boy Scout Boulevard) and 1,100 feet of Columbus Avenue (Dale Mabry Highway to Himes Avenue).

Lochner completed a preliminary feasibility study for the project, which involved the construction of 5-foot sidewalks along one side of each stretch of roadway. Lochner also included spot repairs to the roadway pavements. Lochner provided the Alliance with a study report containing preliminary design concepts; potential right of way, utility, and storm sewer impacts; and preliminary cost estimates.

SERVICES

- Alternatives Development and Analysis
- Highway/Roadway Design
- Bike/Ped Facility Planning/Design
- ADA Facility Evaluation/Design

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H.W. Lochner, Inc.	Tampa, FL	Prime
b.			
c.			
d.			
e.			
f.			

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 3

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
US 41 Roundabouts Final Design Sarasota, FL	2020	2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Florida Department of Transportation-District 1	Walter Breuggeman	863-519-2451

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

On US 41 in Sarasota, the Florida Department of Transportation (FDOT) plans to replace the existing signalized intersections at 10th Street and 14th Street with roundabouts, as well as improve the level of service on the route for motorized vehicles, bicycles, and pedestrians. Lochner is responsible for the project design.

Lochner is designing the roundabouts as two-lane facilities with landscaped centers and pedestrian signals. The roundabout at 10th Street is located adjacent to a large boat launching facility, and Lochner's design will accommodate the turning movements of vehicles towing large boats, as well as other large vehicles. Lochner's design adds bicycle lanes and curb and gutter along the outside travel lanes of US 41 between the two roundabouts, with curb along the landscaped median. The project also includes lighting and ITS/ATMS design.

Maintenance of traffic is a prime concern in this busy urban location. Lochner is preparing a detailed traffic control and staged construction plan that will keep the road open and maintain access to adjacent cultural centers throughout construction. The plan will also accommodate the many pedestrians, including a large elderly population from nearby retirement communities that use the route.

SERVICES

- Roundabout Intersection Design
- Final Plans, Specifications, and Estimates (PS&E)
- ADA Facility Evaluation/Design
- Culvert Design
- Pavement Evaluation/Design
- Signal Design
- Lighting Design
- Advanced Traffic Management System (ATMS) Planning/Design
- Maintenance-of-Traffic (MOT) Plan Development
- Construction Phasing Plan Development

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H.W. Lochner, Inc.	Tampa, FL	Prime
b.			
c.			
d.			
e.			
f.			

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)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
15th Street East/301 Boulevard East PD&E Study Manatee County, FL	2017	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Florida Department of Transportation-District 1	David Turley	863-519-2255

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

The Florida Department of Transportation, in cooperation with Manatee County, plans to widen approximately 4.5 miles of 15th Street East / 301 Boulevard East, from Tallevast Road to US 41, to improve capacity and level of service on the corridor. This complete street project will entail widening the roadway from two to three lanes and include the addition of bicycle lanes, sidewalks, pedestrian crossings, street lighting, and roundabouts, as well as transit improvements. Lochner is conducting the project development and environment (PD&E) study.

Lochner has developed two design alternatives and conducted a comprehensive assessment to determine the design constraints and social, economic, and environmental impacts associated with each alternative. The most significant environmental considerations were potential impacts to the nearby historic district and historic cemetery (which required the completion of Section 106 and Section 4(f) evaluations), potential impacts to Bowlees Creek, and possible contamination issues from petroleum and hazardous waste, including from the former American Beryllium site. The southern portion of the project carries a large amount of freight traffic; therefore, the accommodation of large truck and tractor trailers was also a key factor in the conceptual design plans.

Lochner has conducted detailed traffic analyses to determine the effects of the design alternatives on level of service and delay. The analyses considered the current level of service and delay on the corridor, as well as the no-build and build scenarios in 2020, 2030, and 2040. The traffic study also evaluated the need for traffic signals and other operational improvements, such as roundabouts, and provided analyses of all major (existing or potential) intersections.

Lochner is now assisting with the project's public involvement program to gain stakeholder feedback, which will be used to refine the design concepts. The project locale is home to a large Hispanic community. To make the program as accessible as possible to all residents, Lochner has ensured that all public involvement materials (newsletters, advertisements, etc.) are available bilingually and has arranged for translators to be present at all public meetings.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H.W. Lochner, Inc.	Miami, FL	Prime
b.			
c.			
d.			
e.			
f.			

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 5

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Strategic Intermodal System Studies 2012 Districtwide, FL	2018	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Florida Department of Transportation-District 7	Lori Marable	813-975-6000

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

Florida's Strategic Intermodal System (SIS) is a statewide network of high-priority transportation facilities that includes highways, airports, seaports, rail corridors, and waterways. The SIS highways include all of the roads that previously made up the Florida Intrastate Highway System (FIHS). These highways carry almost 70 percent of the truck traffic, and more than half of the total traffic, on the state highway system.

The Florida Department of Transportation (FDOT) District 7 has issued a series of five-year contracts to provide districtwide planning support for FIHS and SIS projects. Lochner has been continuously awarded such contracts since 1997. The first two contracts (1997 to 2007) were related to FIHS projects. Under the second two contracts (2007 to 2016), Lochner has been providing planning support for projects located on, or likely to impact, any District 7 SIS transportation facility. Lochner's tasks could include planning studies, such as corridor analysis, action plans, master plans, interchange justification and modification reports, and multimodal analysis. Lochner could also be called on to provide in-house staff or supply almost any other planning-related service, including data collection, financial analysis, traffic simulations, public involvement coordination, peer reviews of other planning studies, advisory services, or technical support for the SIS hubs.

To date, Lochner has performed more than 30 task orders under the FIHS and SIS contracts. Key tasks have included:

- A 12-mile Interstate corridor analysis to develop a master plan for I-275 in Pinellas County.
- Several US 19 corridor studies (3 to 20 miles in length) to produce recommendations for safety, operational, congestion mitigation, and access management improvements and assess how those improvements should be packaged for construction.
- An assessment of the traffic impacts of a proposed new ballpark for the Tampa Bay Rays.
- The development of interim alternatives on US 19. FDOT's master plan for the 11-mile corridor called for $1 billion to be spent on interchange construction and improvements. Lochner developed lower-cost operational alternatives that would improve safety and level of service on the corridor until such funding became available.
- A corridor action plan for X miles of SR 44 in Citrus County to identify recommended improvements for level of service, capacity, access management, and safety, including an assessment of a route alternative through downtown Inverness.

The quality of Lochner's work has been recognized not only by its continued selection over a 20-year period but by its high scores in FDOT's consultant evaluations, which have often exceeded 98%.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H.W. Lochner, Inc.	Tampa, FL	Prime
b.			
c.			
d.			
e.			
f.			

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 6

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Bravo Company Boulevard Yakima, WA	2017	2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Yakima, Washington	Dan Ford	509-575-6000

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

The redevelopment of the 225-acre Cascade Mill District is a joint project between Yakima County and the City of Yakima that will increase jobs and economic activity in both jurisdictions. Yakima was awarded LIFT (Local Infrastructure Financing Tool) funding from the State of Washington to create a revenue development area that will transition the former Boise Cascade Mill, which once provided 200 family-waged jobs, into a mixed-use regional economic catalyst and create 200 short-term construction jobs; 1,300 light manufacturing jobs; 750 medical, technology, and research jobs; and 2,580 commercial, retail, and entertainment center jobs

Lochner is providing planning and engineering services for the construction of Bravo Company Boulevard. Lochner has provided roadway design in the vicinity of H Street to North 1st Street, as well as the design of roadway and utility enhancements from the Lincoln Avenue and Martin Luther King Jr. Boulevard couplet to H Street. The roadway enhancements and connections have resulted in a boulevard-style four- or five-lane arterial with roundabouts at the south and north intersections, as well as a midpoint roundabout and extensive landscaping elements. The project improvements include new hot-mix asphalt pavement, curb and gutter, sidewalks, illumination, pavement markings, storm drainage, sanitary and industrial sewer mains, potable water mains, and landscaping.

SERVICES

- Noise Analysis
- Highway/Roadway Design
- Roundabout Intersection Design
- Stormwater/Pavement Drainage Design
- Signing Design
- Landscaping and Aesthetics Coordination
- Lighting Design
- Culinary Water System Design
- Pavement Evaluation/Design
- Utility Coordination
- Traffic/Transportation Analysis
- Public Outreach/Involvement

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H.W. Lochner, Inc.	Bellevue, WA	Prime
b.			
c.			
d.			
e.			
f.			

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 7

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Pleasant Grove Bicycle Master Plan Study Pleasant Grove, UT	2013	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Mountainland Association of Governments	Jim Price	801-229-3800

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

Lochner is providing project management, bike/pedestrian facility planning, and public involvement services for the development of a comprehensive Bicycle and Pedestrian Facilities Master Plan for the City of Pleasant Grove. The plan will focus on strategies to develop a high level of bicycle and pedestrian friendliness, and detail ways to connect existing and planned facilities within Pleasant Grove and among its surrounding communities. Lochner is also providing steering committee oversight, aiding in evaluating existing conditions and programs, creating and carrying out a public participation program (including a survey, public workshops, and other outreach activities), aiding in developing a project prioritization and implementation plan, and completing the final master plan document.

SERVICES

• Bike/Ped Facility Planning/Design
• Public Outreach/Involvement

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H.W. Lochner, Inc.	Salt Lake City, UT	Prime
b.	Fehr & Peers	2180 S 1300 E, Suite 220, Salt Lake City, UT 84106	environmental
c.			
d.			
e.			
f.			

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 8

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Bothell-Everett Highway Corridor Improvements Bothell, WA	2015	2015

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Bothell, Washington	Jason Torrie	425-486-2769

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

As part of the City of Bothell's SR 527 Route Development Plan, intended to improve motorist, cyclist, and pedestrian facilities along this major corridor, the City widened Bothell-Everett Highway (SR 527) between 228th and 240th Streets. Lochner was involved with entire project's delivery, including initial project development, assistance with the successful federal funding application, public involvement, preliminary and final design, and construction support services.

In the planning stages, Lochner performed traffic analysis along the corridor and produced a design report that examined access to the Bothell-Everett Highway, signalization along the corridor, and channelization options to improve operations of a major Bothell-Everett Highway intersection. For the project's environmental study, impacts to the surrounding wetlands were a key consideration. Lochner's team performed detailed mitigation analysis, and several mitigation measures were incorporated into the design to minimize wetland impacts.

Lochner's design widened Bothell-Everett Highway to an urban arterial with four travel lanes, a center turn lane, and bicycle lanes and sidewalks on both sides. In keeping with the City's downtown regeneration plans, Lochner incorporated landscaping, street lighting, and urban design elements into the plans. The design also included access management measures, improved transit stops, a traffic signal upgrade at 228th Street, and a new signal at the entrance to the Country Village retail center. Lochner also performed stormwater drainage design, noise analysis, ITS design, and structural design for two large retaining walls.

SERVICES

- Highway/Roadway Design
- Intersection Analysis/Design
- Bike/Ped Facility Planning/Design
- Stormwater/Pavement Drainage Design
- Retaining Wall Design
- Hydraulic Analysis/Design
- Culvert Design
- Intelligent Transportation System Planning/Design
- Signal Design
- Streetscape Design
- Lighting Design
- Signing Design
- Landscaping and Aesthetics Coordination
- Traffic/Transportation Analysis
- Noise Analysis
- Utility Coordination
- Alternatives Development and Analysis
- Final Plans, Specifications, and Estimates (PS&E)
- Construction Support Services
- Public Outreach/Involvement

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H.W. Lochner, Inc.	Bellevue, WA	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

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 9

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Tampa Bay Premium Transit Feasibility Study Hillsborough County, FL	2018	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Jacobs Engineering Group Inc.	Scott Pringle	813-746-3416

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

The Tampa Bay region has experienced rapid population growth over the last 30 years. The three largest counties in the seven-county Tampa Bay Area are Hillsborough, Pinellas, and Pasco counties. Together they contain the majority of the region's roughly 3 million residents. Thanks to nearly continuous growth, urban development now stretches continuously across the borders between the counties, as is the case between Pinellas and Pasco along US 19, between Pasco and Hillsborough on Bruce B. Downs and US 41, and between Hillsborough and Pinellas along SR 580. Additionally, the region is greatly spread out across more than 2,000 square miles of land surrounding Tampa Bay. The area for this study was defined as the urbanized area within Hillsborough, Pinellas, and Pasco counties.

The purpose of this study was to look at the urbanized area of the greater Tampa Bay metropolitan region, and investigate the feasibility of potential regional transit options. The desired planning approach started at a high level by creating a vision for an overall regional transit network and philosophy based on public input and a market analysis. The study then moved from regional vision into more detail on specific travel demand corridors, and operational and capital components based on results of a situational appraisal. The situation appraisal reviewed previous planning studies, transportation conditions, socio-economic factors and land development activities. It included incorporation of planning options and alternatives previously identified in other studies, as well as connecting the study area to neighboring counties in the Tampa Bay Region. As part of the initial screening process, those individual components were adjusted and connected as needed to serve a regional travel demand and be consistent with the regional visioning mentioned above. The study team then developed a methodology for calculating the public's comprehensive return on investment for each alternative. Alternatives that had the highest potential returns were further evaluated for feasibility, with appropriate projects then selected to move into PD&E or other further development stages as appropriate. A public outreach process engaged the public throughout the project.

Lochner was a subconsultant to Jacobs Engineering Group on this study, assisting with stakeholder engagement and coordination; the Fatal Flaw Analysis (Phase One Screening); the Return on Investment and Benefits Evaluation (Phase Two Screening); development of an Implementation Plan; and QC review of final documentation.

SERVICES

- Feasibility Study
- Transit Planning/Design
- Stakeholder Facilitation
- Alternatives Development and Analysis
- Stakeholder Committee Group Coordination
- Transportation Planning
- Benefit/Cost Analysis
- Light Rail Transit Planning/Design
- Bus Rapid Transit (BRT) Planning/Design
- Cost Estimate Development
- Long-Range Planning
- Public Meeting Coordination
- FTA Analysis/Study Documentation
- Socioeconomic Evaluation

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H.W. Lochner, Inc.	Tampa, FL	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

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 10

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Taylorsville-Murray Transit Corridor Study Salt Lake County, UT	2009	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Fehr & Peers Transportation Consultants	Robin Hutcheson	801-535-7146

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

This project entailed determination of the best location for a Bus Rapid Transit (BRT) corridor to connect existing transit systems to locations lacking easy access to mass transit, specifically the Salt Lake Community College Redwood Campus. Lochner prepared existing right of way and roadway lane configuration files to determine areas where an exclusive BRT lane could be accommodated or added. The team also identified constraints and issues related to project constructability on existing roadways and recommended strategies to resolve them. Lochner developed conceptual typical sections for the corridor showing both center- and side-running BRT lanes.

Ultimately, the locally preferred alternative was determined to be a four-mile stretch that runs from the 5200 South UTA TRAX station (intersection of Vine Street and Cottonwood Street) to the Salt Lake Community College (Redwood Road) via Murray Boulevard and 4700 South. To reduce BRT travel time, a portion of the locally preferred alternative was routed on canal right of way, bypassing the Redwood Road and 4700 South intersection. Lochner coordinated with the North Jordan Canal owners and prepared a concept level cost estimate to enclose approximately 800 feet of the canal.

After this project was completed, Lochner was selected, as part of the Stanley Team, to conduct environmental clearance and 30% design services for the 4-mile-long preferred alternative connecting Salt Lake Community College to downtown Murray and area commuter and light rail stations.

SERVICES

- Bus Rapid Transit (BRT) Planning/Design
- Alternatives Development and Analysis
- Highway/Roadway Design
- Existing Conditions Analysis
- Right of Way Plan Development
- Constructability Review
- Cost Estimate Development

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H.W. Lochner, Inc.	Salt Lake City, UT	subconsultant
b.			
c.			
d.			
e.			
f.			

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
James Spinks	Project Manager										
Edwin Mojena	Principal-in-Charge										
Bill Howell	Complete Streets/Mobility Solutions Lead			X	X						
Alejandro Jaureguy	Design, Exceptions, and Variations Lead										
Andrea Ostrodka	Multimodal and Transit Planning Lead									X	
Jason Green	GIS Lead, Planner							X			
Thomas Stoner	QA/QC Manager	X									
Matthew Wey	Engineer										
Manuel Sauleda	Engineer										
Lara-Mae Bouck	Multimodal and Transit Planning				X					X	
Jorge Lopez	Engineer										
Joseph Samus Jr	Engineer										
Matthew Wolczynski	Engineer										
Susan Black	Multimodal and Transit Planning										
Brad Lucas	Engineer										

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Tri-County Trail	6	Bravo Company Boulevard
2	Sidewalk Improvements - Columbus Ave and Manhattan Ave	7	Pleasant Grove Bicycle Master Plan Study
3	US 41 Roundabouts Final Design	8	Bothell-Everett Highway Corridor Improvements
4	15th Street East/301 Boulevard East PD&E Study	9	Tampa Bay Premium Transit Feasibility Study
5	Strategic Intermodal System Studies 2012	10	Taylorsville-Murray Transit Corridor Study

H. ADDITIONAL INFORMATION

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

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE	32. DATE
Donald J Skelton	July 10, 2017

33. NAME AND TITLE

Donald J. Skelton, Vice President

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME	H.W. Lochner, Inc.
3. YEAR ESTABLISHED	1944
4. DUNS NUMBER	167379440
2b. STREET	8750 NW 36th Street, Suite 360
2c. CITY	Miami
2d. STATE	FL
2e. ZIP CODE	33178
5. OWNERSHIP a. TYPE	Corporation
b. SMALL BUSINESS STATUS	No
6a. POINT OF CONTACT NAME AND TITLE	Edwin Mojena, Office Manager
6b. TELEPHONE NUMBER	305-503-9873
6c. E-MAIL ADDRESS	emojena@hwlochner.com
7. NAME OF FIRM *(If block 2a is a branch office)*	H.W. Lochner, Inc.
8a. FORMER FIRM NAME(S) *(If any)*	
8b. YR. ESTABLISHED	
8c. DUNS NUMBER	

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	91	2	A01	Acoustics; Noise Abatement	4
06	Architect	0	0	B02	Bridges	8
12	Civil Engineers	97	5	C15	Construction Management	8
15	Construction Inspector	90	1	E09	Environmental Impact Studies, Assessments	6
16	Construction Manager	19	3	H07	Highways; Streets; Airfield Paving; Parking	9
21	Electrical Engineer	3	0	I06	Irrigation; Drainage	5
23	Environmental Engineer	0	0	L06	Lighting (Exteriors; Street; Memorials;	2
24	Environmental Scientist	3	0	P06	Planning (Site, Installation and Project)	5
30	Geologist	0	0	R06	Rehabilitation (Buildings; Structures;	6
32	Hydraulic Engineer	7	0	S03	Seismic Design & Studies	3
38	Land Surveyor	1	0	S09	Structural Design; Special Structures	6
42	Mechanical Engineer	0	0	S10	Surveying; Platting; Mapping; Flood Plain	2
47	Planners: Urban/Regional	14	0	S13	Stormwater Handling & Facilities	5
48	Project Manager	68	2	T02	Testing & Inspection Services	6
57	Structural Engineers	50	1	T03	Traffic & Transportation Engineering	7
58	Technician/Analyst	37	0	C16	Construction Surveying	2
60	Transportation Engineers	49	3	E11	Environmental Planning	4
62	Water Resources Engineer	2	0	E13	Environmental Testing and Analysis	4
14	Computer Programmer	8	0	I04	Intelligent Transportation Systems	5
				T04	Topographic Surveying and Mapping	4
	Other Employees	2	0			
	Total	541	17			

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

a. Federal Work	6
b. Non-Federal Work	6
c. Total Work	7

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

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE
Donald J Skelton

b. DATE
July 3, 2017

c. NAME AND TITLE
Donald J. Skelton, Vice President

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*
RFQ 2017.05.YG

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME
H.W. Lochner, Inc.

3. YEAR ESTABLISHED
1944

4. DUNS NUMBER
088197132

2b. STREET
4350 West Cypress Street, Suite 800

2c. CITY
Tampa

2d. STATE
FL

2e. ZIP CODE
33607

5. OWNERSHIP

a. TYPE
Corporation

b. SMALL BUSINESS STATUS
No

6a. POINT OF CONTACT NAME AND TITLE
Donald Skelton, Office Manager

6b. TELEPHONE NUMBER
813-357-3750

6c. E-MAIL ADDRESS
dskelton@hwlochner.com

7. NAME OF FIRM *(If block 2a is a branch office)*
H.W. Lochner, Inc.

8a. FORMER FIRM NAME(S) *(If any)*

8b. YR. ESTABLISHED

8c. DUNS NUMBER

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	91	8	A01	Acoustics; Noise Abatement	4
06	Architect	0	0	B02	Bridges	8
12	Civil Engineers	97	7	C15	Construction Management	8
15	Construction Inspector	90	0	C16	Construction Surveying	2
16	Construction Manager	19	1	E09	Environmental Impact Studies, Assessments	6
21	Electrical Engineer	3	1	E11	Environmental Planning	4
23	Environmental Engineer	0	0	E12	Environmental Remediation	3
24	Environmental Scientist	3	1	E13	Environmental Testing and Analysis	4
30	Geologist	0	0	G04	Geographic Information System Services:	2
32	Hydraulic Engineer	7	1	H07	Highways; Streets; Airfield Paving; Parking	9
38	Land Surveyor	1	0	I04	Intelligent Transportation Systems	5
42	Mechanical Engineer	0	0	I06	Irrigation; Drainage	5
47	Planners: Urban/Regional	14	2	L06	Lighting (Exteriors; Street; Memorials;	2
48	Project Manager	68	6	P05	Planning (Community; Regional; Areawide &	2
57	Structural Engineers	50	5	R06	Rehabilitation (Buildings; Structures;	6
58	Technician/Analyst	37	3	S03	Seismic Design & Studies	3
60	Transportation Engineers	49	10	S13	Stormwater Handling & Facilities	5
62	Water Resources Engineer	2	1	S09	Structural Design; Special Structures	6
14	Computer Programmer	8	0	T02	Testing & Inspection Services	6
				T03	Traffic & Transportation Engineering	7
	Other Employees	2	0			
	Total	541	46			

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	6
c. Total Work	6

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

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE
Donald J Skelton

b. DATE
July 3, 2017

c. NAME AND TITLE
Donald J. Skelton, Vice President

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*
RFQ 2017.05.YG

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME
H.W. Lochner, Inc.

3. YEAR ESTABLISHED
1944

4. DUNS NUMBER
612495663

2b. STREET
3995 South 700 East, Suite 450

2c. CITY
Salt Lake City

2d. STATE
UT

2e. ZIP CODE
84107

5. OWNERSHIP

a. TYPE
Corporation

b. SMALL BUSINESS STATUS
No

6a. POINT OF CONTACT NAME AND TITLE
Hyrum Kunzler, Jr., Office Manager

6b. TELEPHONE NUMBER
801-713-5222

6c. E-MAIL ADDRESS
hkunzler@hwlochner.com

7. NAME OF FIRM *(If block 2a is a branch office)*
H.W. Lochner, Inc.

8a. FORMER FIRM NAME(S) *(If any)*

8b. YR. ESTABLISHED

8c. DUNS NUMBER

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	91	7	A01	Acoustics; Noise Abatement	4
06	Architect	0	0	B02	Bridges	8
12	Civil Engineers	97	16	C15	Construction Management	8
15	Construction Inspector	90	0	E09	Environmental Impact Studies, Assessments	6
16	Construction Manager	19	1	H07	Highways; Streets; Airfield Paving; Parking	9
21	Electrical Engineer	3	1	I06	Irrigation; Drainage	5
23	Environmental Engineer	0	0	L06	Lighting (Exteriors; Street; Memorials;	2
24	Environmental Scientist	3	0	P06	Planning (Site, Installation and Project)	5
30	Geologist	0	0	R06	Rehabilitation (Buildings; Structures;	6
32	Hydraulic Engineer	7	3	S03	Seismic Design & Studies	3
38	Land Surveyor	1	0	S09	Structural Design; Special Structures	6
42	Mechanical Engineer	0	0	S10	Surveying; Platting; Mapping; Flood Plain	2
47	Planners: Urban/Regional	14	5	S13	Stormwater Handling & Facilities	5
48	Project Manager	68	9	T02	Testing & Inspection Services	6
57	Structural Engineers	50	0	T03	Traffic & Transportation Engineering	7
58	Technician/Analyst	37	7	C16	Construction Surveying	2
60	Transportation Engineers	49	3	E11	Environmental Planning	4
62	Water Resources Engineer	2	0	E13	Environmental Testing and Analysis	4
14	Computer Programmer	8	0	I04	Intelligent Transportation Systems	5
				T04	Topographic Surveying and Mapping	4
	Other Employees	2	0			
	Total	541	52			

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

a. Federal Work	6
b. Non-Federal Work	6
c. Total Work	7

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

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE
Donald J Skelton

b. DATE
July 3, 2017

c. NAME AND TITLE
Donald J. Skelton, Vice President

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Alfredo Sanchez, AIA, AICP, LEED AP	**Senior Planner**	**43**	**23**

15. FIRM NAME AND LOCATION (City and State)
Bermello Ajamil & Partners, Inc., Miami, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Master of Architecture, University of Pennsylvania, 1978 **Master of City Planning, University of Pennsylvania, 1978** **Bachelor of Architecture, University of Florida, 1972**	**Registered Architect, State of Florida, 1979, Reg. No. AR 0007969** **Registered Architect, Colegio Federado de Ingenieros y Arquitectos, Costa Rica, 1985** **American Institute of Certified Planners, 1994** **LEED AP Certification, 2007**

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
American Institute of Certified Planners - 1994, Miami Chapter American Institute of Architects "Urban Planner of the Year" - 2006

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	**Dolphin Station Park & Ride Terminal Facility** **Miami, FL**	**2017 (est.)**	**2018 (est.)**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Urban Planner/ Designer. Worked with HNTB to develop building program, architectural design and landscape design for Dolphin Station Park and Ride. The Dolphin Park & Ride station will support: MDT's SR-836 Express Bus project, other Express Bus routes, a future commuter rail service, and provide a potential terminus or stop for several local bus routes serving the nearby cities of Sweetwater and Doral as well as the Dolphin Mall.**		
b.	**Cypress Creek Mobility Hub Master Plan** **Ft. Lauderdale, Florida**	**2015**	**2015 (design)**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Planner. B&A was part of the HNTB team that was contracted by SFRTA to identify infrastructure improvements and joint development opportunities in the Cypress Creek Tri-Rail Station area. This area was identified in Broward's 2035 Long Range Transportation plan as a mobility -hub- a transit access point with frequent transit services and high development potential.**		
c.	**Port Tampa Bay Channelside Master Plan** **Tampa, Florida**	**On-going**	**2025 (est.)**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Planner. Bermello Ajamil & Partners, Inc. (B&A), in conjunction with the Renaissance Planning Group, is preparing a Master Plan of the Tampa Port Authority's Waterfront Properties in the Channelside District that will maximize the land utilization of the Port of Tampa lands in the context of creating an active and commercially successful waterfront in consonance with cruise and other waterborne transportation activities and create value for both the Port and the City overall.**		
d.	**2040 Strategic Master Plan, Miami-Dade Expressway Authority, Florida**	**2016**	**N/A**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Project Manager. The MDX 2040 Strategic Master Plan proposes several system wide projects with the goals of improving mobility by closing gaps in the system. The project addresses the incorporation and integration of vehicle-evolving technologies with modern transportation infrastructure, XT Lanes and will revolutionized the way people use vehicles and roads within Miami-Dade County. Intermodal centers are proposed and are vital to the development of the new XT Lanes providing greater travel options, enhance mobility and improve the quality of service and increase access to transportation choices in the Miami area.**		
e.	**2025 Long Range Transportation Master Plan, Miami-Dade Expressway Authority, Florida**	**2003**	**N/A**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Project Manager for B&A's urban planning and roadway projects identification component of the Master Plan.**		

STANDARD FORM 330 (6/2004)

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Joshua Rak	**Urban Planner/ Designer**	**9**	**2**

15. FIRM NAME AND LOCATION (City and State)
Bermello Ajamil & Partners, Inc., Miami, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Master of Architecture, University of Miami, Miami, FL, 2008 **Bachelor of Architecture, University of Miami, Miami, FL, 2006**	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
LEED Green Associate

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	**2040 Strategic Master Plan, Miami-Dade Expressway Authority, FL**	**2016**	**N/A**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Urban Planner. The MDX 2040 Strategic Master Plan proposes several system wide projects with the goals of improving mobility by closing gaps in the system. The project addresses the incorporation and integration of vehicle-evolving technologies with modern transportation infrastructure, XT Lanes and will revolutionized the way people use vehicles and roads within Miami-Dade County. Intermodal centers are proposed and are vital to the development of the new XT Lanes providing greater travel options, enhance mobility and improve the quality of service and increase access to transportation choices in the Miami area.**		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
b.	**Port Tampa Bay Channelside Master** **Tampa, FL**	**On-going**	**2025 (est.)**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Bermello Ajamil & Partners, Inc. (B&A), in conjunction with the Renaissance Planning Group, is preparing a Master Plan of the Tampa Port Authority's Waterfront Properties in the Channelside District that will maximize the land utilization of the Port of Tampa lands in the context of creating an active and commercially successful waterfront in consonance with cruise and other waterborne transportation activities and create value for both the Port and the City overall.**		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
c.	**Transit-Oriented Development at NW215th Street and NW27th Avenue, Miami Gardens, FL**	**2011**	**2011 (Planning)**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm **Land Use Planning and Transit Study for NW 215th Street and NW 27th Avenue- Working in partnership, a team of urban designers with the Citizen's Independent Transportation Trust (CITT), Miami-Dade Transit (MDT), the City of Miami Gardens and residents and stakeholders around the site area to develop a shared long-term Transit-Oriented Development (TOD) vision for a parcel of County-owned land in Miami Gardens, Florida.**		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
d.	**Palmer Lake Design Charrette** **Miami, FL**	**2012**	**2012 (Design Charrette)**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm **The Palmer Lake Study Area has for many years been home to marine uses along the Miami River and Tamiami Canal, and rental car/aviation uses further inland. With the construction of the Miami Intermodal Center, and the future plans for the majority of the aviation/rental car uses to move into the new facility, the area will be undergoing a significant transformation.**		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
e.	**Poinciana Industrial Park** **Miami, FL**	**2012**	**2012 (Planning)**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Check if project performed with current firm **The Poinciana Industrial Park evolved from a Commissioner's inquiry within a portion of her district, to study the effect that vacant, County-owned land was having on the businesses and residences in the area. On a site where considerable portions are under Miami-Dade County's control and in close proximity to the Miami-Dade County Metrorail, designers worked to break up the largest blocks and open dead end streets to strengthen connectivity in the area.**		

STANDARD FORM 330 (6/2004)

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Randy P. Hollingworth	**Director of Planning & Landscape Design Studio**	**36**	**9**

15. FIRM NAME AND LOCATION (City and State)
Bermello Ajamil & Partners, Inc., Miami, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Master of Landscape Architecture in Urban Design, Harvard, 1984 **Bachelor of Landscape Architecture, University of Guelph, 1978**	

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	**Dolphin Park and Ride Station Master Plan** **Miami, FL**	**2017 (est.)**	**2018 (est.)**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Landscape Designer. Worked with HNTB to develop building program, architectural design and landscape design for Dolphin Station Park and Ride. The Dolphin Park & Ride station will support: MDT's SR-836 Express Bus project, other Express Bus routes, a future commuter rail service, and provide a potential terminus or stop for several local bus routes serving the nearby cities of Sweetwater and Doral as well as the Dolphin Mall.**		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
b.	**Cypress Creek Mobility Hub Master Plan** **Ft. Lauderdale, FL**	**2015**	**2015 (design)**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Landscape Designer. B&A was part of the HNTB team that was contracted by SFRTA to identify infrastructure improvements and joint development opportunities in the Cypress Creek Tri-Rail Station area. This area was identified in Broward's 2035 Long Range Transportation plan as a mobility -hub- a transit access point with frequent transit services and high development potential.**		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
c.	**Port Tampa Bay Channelside Master Plan** **Tampa, FL**	**On-going**	**2025 (est.)**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Lansdcape Designer. Bermello Ajamil & Partners, Inc. (B&A), in conjunction with the Renaissance Planning Group, is preparing a Master Plan of the Tampa Port Authority's Waterfront Properties in the Channelside District that will maximize the land utilization of the Port of Tampa lands in the context of creating an active and commercially successful waterfront in consonance with cruise and other waterborne transportation activities and create value for both the Port and the City overall.**		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
d.	**Truman Waterfront Park & Streetscape** **Key West, Florida**	**2010**	**2018**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Project Manager for a 23-acre waterfront master plan. The park incorporates a 50-foot-wide waterfront promenade, an open air amphitheater, a Turtle Rescue Hospital, a 15,000-SF event plaza with tent structure, a restaurant and historical museum, a dockmaster facility, an interactive water feature, exercise trail, outdoor zoological exhibits, a ferry terminal, a 60+ boat marina, fishing pier and a new recreation complex for the adjacent residential community of Bahama Village.**		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
e.	**N.E. 188th Street Roadway Widening & Streetscape** **Aventura, FL**	**2015**	**2016**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Project Manager. B&A provided landscape architecture, engineering design,permitting, project management and construction administration services for this roadway reconstruction project that entailed converting a ½ mile of a 2-lane roadway into a 4-lane divided roadway. The roadway improvements included new paving, grading and streetscape improvements such as curb and gutters, sidewalks, landscaping, street lighting, striping and signage.**		

STANDARD FORM 330 (6/2004)

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Kirk J. Olney, RLA	**Landscape Architect**	a. TOTAL **16**	b. WITH CURRENT FIRM **4**

15. FIRM NAME AND LOCATION (City and State)
Bermello Ajamil & Partners, Inc., Miami, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Bachelor of Science in Landscape Architecture, Ohio State University, Columbus, Ohio 1995	**Florida Registered Landscape Architect No. LA0001705**

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Catherine Strong Park – Delray Beach, FL – 2006 Excellence In Design Award, City of Delray Beach Site Plan Review and Appearance Board, Project Landscape Architect | Nob Hill Soccer Complex – Sunrise, FL – 2002 FASLA Award of Merit, Landscape Architect

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	**Port Tampa Channelside Master Plan** **Tampa, FL**	**On-going**	**2025 (est.)**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Bermello Ajamil & Partners, Inc. (B&A), in conjunction with the Renaissance Planning Group, is preparing a Master Plan of the Tampa Port Authority's Waterfront Properties in the Channelside District that will maximize the land utilization of the Port of Tampa lands in the context of creating an active and commercially successful waterfront in consonance with cruise and other waterborne transportation activities and create value for both the Port and the City overall.**		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
b.	**Truman Waterfront Park & Streetscape** **Key West, Florida**	**2010**	**2018**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Landscape Architect. Assisted with design synthesis; worked with team to prepare development approval application and prepared landscape and hardscape construction drawings for construction of a new passive recreation park on Key West waterfront.**		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
c.	**95th Street Streetscape Improvements** **Surfside, Florida**	**2013**	**2013**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm Landscape Architect. Worked with team on design synthesis; prepared design development paving patters; coordinated regulatory permitting through Florida Department of Environmental Perfection and Florida Fish and Wildlife; and prepared landscape and hardscape construction drawings for street improvements perpendicular to the Atlantic Ocean.		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
d.	**N.E. 188th Street Roadway Widening & Streetscape** **Aventura, Florida**	**2015**	**2016**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm Landscape Architect. B&A provided landscape architecture, engineering design,permitting, project management and construction administration services for this roadway reconstruction project that entailed converting a ½ mile of a 2-lane roadway into a 4-lane divided roadway. The roadway improvements included new paving, grading and streetscape improvements such as curb and gutters, sidewalks, landscaping, street lighting, striping and signage.		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
e.	**SW 4th Street Streetscape Improvements** **Homestead, Florida**	**2012**	**2013**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Landscape Architect. Responsibilities included project manager reporting to City staff; overseeing data collection and base mapping by junior landscape architect; gateway design synthesis; landscape master plan for fifteen miles of roadway; public presentations; and presentations to the City Commission..**		

STANDARD FORM 330 (6/2004)

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME: Bermello Ajamil & Partners, Inc.

3. YEAR ESTABLISHED: 1939

4. DUNS NUMBER: 09-2238773

2b. STREET: 2601 South Bayshore Drive, Suite 1000

2c. CITY: Miami

2d. STATE: FL

33133

5. OWNERSHIP

a. TYPE: Corporation

b. SMALL BUSINESS STATUS:

6a. POINT OF CONTACT NAME AND TITLE: Randy P. Hollingworth

6b. TELEPHONE NUMBER: 305.859.2050

6c. E-MAIL ADDRESS: Rhollingworth@bermelloajamil.com

7. NAME OF FIRM *(If block 2a is a branch office)*:

8a. FORMER FIRM NAME(S) *(If any)*	8b. YR. ESTABLISHED	8c. DUNS NUMBER
Gordon M. Severud, AIA Architects	1939	
Severud & Knight Architects	1962	
Severud Knight Boerema Buff Architects & Planners	1970	
Severud Boerema Buff Bermello	1977	
Boerema Bermello Kurki & Vera Architects	1980	
Bermello, Kurki & Vera, Inc.	1983	
Bermello & Associates, Inc.	1990	
Bermello Ajamil & Partners, Inc.	1992	

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
06	Architecture/ Designers	40	
02	Administrative	32	
12	Engineers	5	
15	Construction Inspector	3	
37	Interior Designer	5	
39	Landscape Architect/ Designer	3	
47	Planner: Urban/Regional	5	
56	Specifications Writer	1	
	Total	**102**	

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

a. Profile Code	b. Experience	c. Revenue Index Number (*see below*)
A06	Airports; Terminals and Hangars; Freight Handling	7
A11	Auditoriums & Theaters	2
C08	Codes; Standards; Ordinances	6
C15	Construction Management	8
D08	Dredging Studies and Design	1
E02	Educational Facilities; Classrooms	7
E11	Environmental Planning	1
G01	Garages; Vehicle Maintenance Facilities; Parking Decks	3
H01	Harbors; Jetties; Piers, Ship Terminal Facilities	8
H06	Highrise Type Buildings	6
H07	Highways; Streets; Airfield Paving; Parking Lots	8
H09	Hospital & Medical Facilities	7
H10	Hotels; Motels	3
H11	Housing (Residential, Multi-Family; Apartments; Condos)	8
I05	Interior Design; Space Planning	5
J01	Judicial and Courtroom Facilities	5
L01	Laboratories; Medical Research Facilities	1
L03	Landscape Architecture	5
L04	Libraries; Museums; Galleries	5
O01	Office Buildings; Industrial Parks	8
P05	Planning (Community, Regional, Areawide and State)	8
R04	Recreation Facilities (Parks, Marinas, Etc.)	2
S09	Structural Design; Special Structures	2
S11	Sustainable Design	8
T03	Traffic & Transportation Engineering	1
Z01	Zoning; Land Use Studies	1

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

a. Federal Work	0
b. Non-Federal Work	8
c. Total Work	8

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

12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.

a. SIGNATURE

b. DATE: 11/23/2016

c. NAME AND TITLE: Randy P. Hollingworth, Partner

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Jeffrey F. Boothe	FTA Coordination, Funding; Financing	35	2+ years

15. FIRM NAME AND LOCATION *(City and State)*

Boothe Transit Consulting, LLC, Washington, DC

16. EDUCATION *(Degree and Specialization)*	17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*
BA, JD	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Downtown-Riverfront Streetcar, Sacramento, CA	In Planning	
(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	☒ Check if project performed with current firm	

$150 million 3.3 mile Streetcar project connecting West Sacramento and Sacramento, CA;
Role: Capital Investment Grants strategy, technical counsel, FTA Liaison

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Charlotte Blue Line Extension, Charlotte, NC	2011	Open in Spring 2017
(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	☐ Check if project performed with current firm	

$1.7 billion 9.3 mile LRT extension heading East.Northeast from downtown Charlotte connecting to existing LRT in south Charlotte
Role: Capital Investment Grants strategy, technical counsel, FTA Liaison

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Silver Line Bus Rapid Transit, Grand Rapids, MI	2012	20114
(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	☐ Check if project performed with current firm	

$39 million, 9.3 mile Bus Rapid Transit project operating in Division Street from downtwon Grand Rapids to the south
Role: Capital Investment Grants strategy, technical counsel, legal counsel and FTA Liaison.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
South Line Phase II LRT Project	2005	2015
(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	☒ Check if project performed with current firm	

$240 million, 4.3 mile extension to the existing Light Rail System extending south and connecting to Consumnes River College
Role: Capital Investment Grants Strategy, technical counsel, outside legal counsel and FTA Liaison

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Norfolk Light Rail Project, Norfolk, VA	1995	2011
(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	☐ Check if project performed with current firm	

$318 million, 7.4 mile light rail system from downtown Norfolk to border with Virignia, Beach, VA
Role: Capital Investment Grants Strategy, technical counsel, outside legal counsel and FTA Liaison

ARCHITECT-ENGINEER QUALIFICATIONS	1. SOLICITATION NUMBER (If any)
	RFQ 2017.05.YG

PART II – GENERAL QUALIFICATIONS
(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM *(or branch office)* NAME			3. YEAR ESTABLISHED	4. DUNS NUMBER
Boothe Transit Consulting, LLC			2015	79883942
2b. STREET			5. OWNERSHIP	
1875 I Street, NW, Fifth Floor			a. TYPE LLC	
2c. CITY	2d. STATE	2e. ZIP CODE		
Washington	DC	20006	b. SMALL BUSINESS STATUS	
6a. POINT OF CONTACT NAME AND TITLE				
Jeffrey F. Boothe, President			7. NAME OF FIRM *(if block 2a is a branch office)*	
6b. TELEPHONE NUMBER	6c. E-MAIL ADDRESS			
(202) 429-2020	jeff.boothe@boothetransit.com			
8a. FORMER FIRM NAME(S) (if any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER

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	c. No. of employees (2) BRANCH	a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
06	Architect			A04	Air Pollution Control	
07	Biologist			A06	Airports; Terminals & Hangers; Freight Handling	
08	CADD Technician			B02	Bridges	
12	Civil Engineer			C15	Construction Management	
15	Construction Inspector			D01	Dams; *(Concrete; Arch)*	
16	Construction Manager			D02	Dams; *(Earth; Rock); Dikes; Levees*	
19	Ecologist			E09	Enviro. Impact Studies, Assessments, or Statements	
21	Electrical Engineer			E12	Environmental Remediation	
24	Environmental Scientist			H07	Highways: Streets; Airfield Paving; Parking Lots	
29	GIS Specialist			I01	Industrial Buildings; Manufacturing Plants	
38	Land Surveyor			P06	Planning *(Site, Installation, and Project)*	3
39	Landscape Architect			P12	Power Generation, Transmission, Distribution	
42	Mechanical Engineer			R03	Railroad: Rapid Transit	
47	Planner: Urban/Regional	1		R11	Rivers: Canals; Waterways; Flood Control	
52	Sanitary Engineer			S04	Sewage Collection; Treatment and Disposal	
55	Soils Engineer			S07	Solid Wastes; Incineration; Landfill	
57	Structural Engineer			S10	Surveying; Platting; Mapping; Flood Plain Studies	
58	Technician/Analyst			S13	Storm Water Handling & Facilities	
60	Transportation Engineer			T02	Testing & Inspection Services	
62	Water Resources Engineer			T03	Traffic & Transportation Engineering	

	Other Employees	1		W02	Water Resources; Hydrology; Ground Water	
	Total	1		W03	Water Supply; Treatment and Distribution	

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 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
b. Non-Federal Work	4		
c. Total Work	4		

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE	b. DATE
	07/05/17

c. NAME AND TITLE

Jeffrey F. Boothe, President

AUTHORIZED FOR LOCAL REPRODUCTION MANDATORY USE DATE OF FORM 5/1/2004	**STANDARD FORM 330** (6/2004) **PAGE 6**

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Robert Ruano	Grants Consultant	17	7

15. FIRM NAME AND LOCATION *(City and State)*
Ecostrata, Coral Gables, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelors in Science, Communications	None

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
>FIU Management Certificate

>LEED, Accredited Professional

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
a.	City of West Miami, FL	2014-Present	
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Research and write grant applications on behalf of the city	Check if project performed with current firm	
b.	(1) TITLE AND LOCATION *(City and State)* Village of Palmetto Bay, FL	PROFESSIONAL SERVICES 2016-Present	CONSTRUCTION *(If applicable)*
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Research and write grant applications on behalf of the city	Check if project performed with current firm	
c.	(1) TITLE AND LOCATION *(City and State)* City of North Miami Beach, FL	PROFESSIONAL SERVICES 2016-Present	CONSTRUCTION *(If applicable)*
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Research and write grant applications on behalf of the city	Check if project performed with current firm	
d.	(1) TITLE AND LOCATION *(City and State)*	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	Check if project performed with current firm	
e.	(1) TITLE AND LOCATION *(City and State)*	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	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	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE a. TOTAL	b. WITH CURRENT FIRM
Matthew Ridgway, AICP, PTP	Smart Growth Task Leader	26	22

15. FIRM NAME AND LOCATION *(City and State)*

Fehr & Peers DC, Washington, DC

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
B.A. in Urban Studies, San Francisco State University, 1990	ITE Professional Transportation Planner (80) American Institute of Certified Planners (011694)

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Matthew Ridgway has been involved in many of Fehr & Peers' highest visibility and most complex multi-modal projects. His key strength is his broad background and multi-modal approach, which he has applied to many bicycle, transit and pedestrian projects.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: Alameda Countywide Multimodal Arterial Plan, Alameda, CA

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2016 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Fehr & Peers led a multidisciplinary team in the development of a first-of-its-kind Countywide Multimodal Arterial Plan for Alameda County. This plan is unique in that it relies on a quantitative, data-driven and highly technical approach to identify short- and long-term multimodal improvements along a 1,200-mile Arterial Network. Cost: $799,999.00; Role: PIC

b.

(1) TITLE AND LOCATION *(City and State)*: Transportation Performance Strategic Plan, Silver Spring, MD

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2017 — CONSTRUCTION *(If applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Fehr & Peers DC led a team to develop an improved system for measuring Montgomery Co's transportation system performance and prepare a strategic plan for incorporating recommended improvements to the current modeling framework. Fehr & Peers DC collaborated with staff to develop a suite of multimodal transportation performance measures that address the County's stated land use and transportation goals. PIC $228,000

c.

(1) TITLE AND LOCATION *(City and State)*: Georgetown-Rosslyn Gondola Feasibility Study, Washington, DC

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2016 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

For a partnership led by Georgetown Business Improvement District, Fehr & Peers DC forecast ridership for a proposed tramway connecting Georgetown with Rosslyn that is intended to provide improved transit access for Georgetown University, improved access to customers for Georgetown businesses, and improved access to urban amenities for Rosslyn residents and employees. Cost: $20,400 (FPDC only) Role: PIC.

d.

(1) TITLE AND LOCATION *(City and State)*: Old Town North Parking Study, Alexandria, VA

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2016 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Fehr & Peers DC surveyed on- and off-street parking conditions. We used the information to evaluate the potential for shared parking. We evaluated whether the planning area would benefit from metered parking. Fehr & Peers DC identified the potential locations of metered parking and suggested hours of operation, and outlined a plan for implementation. Fehr & Peers DC provided recommendations for district permit parking stickers. $45,950.00 PIC

e.

(1) TITLE AND LOCATION *(City and State)*: Purple Line Design Build, Carrollton, MD

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Fehr & Peers' role is traffic analysis and support for the traffic design and maintenance of traffic during construction. Fehr & Peers is performing operations analysis for intersections along the corridor. Fehr & Peers is authoring the TMP and ITS Concept of Operations (CONOPS). Fehr & Peers is evaluating multi-modal aspects through completion of pedestrian impact statements for the light rail stations and the adjacent roadway network. $1,292,398.00 (FP only) Expert Advisor

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE a. TOTAL	b. WITH CURRENT FIRM
Charles Alexander, PE, AICP	Complete Street/Mobility Solutions	9	9

15. FIRM NAME AND LOCATION *(City and State)*

Fehr & Peers, Denver, CO

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science, Civil Engineering - Bucknell University, Lewisburg, PA, 2007	Licensed Civil Engineer: Colorado No. 49117 Licensed Civil Engineer: California No. 78529 Licensed Civil Engineer: Washington No. 49778 American Institute of Certified Planners (AICP): No. 27421

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Charlie is a national Complete Streets expert who specializes in complex multimodal transportation planning and engineering projects. In addition to Active Transportation projects, his project experience includes traffic operations, safety, transit planning, travel demand forecasting and traffic engineering design projects.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Better Market Street (San Francisco, CA)	2014	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☑ Check if project performed with current firm

Fehr & Peers analyzed existing conditions, considered three alternatives for reducing vehicle traffic on Market Street, evaluated bike sharing plans, participated in public outreach, and made recommendations. Fehr & Peers analyzed the permanent effects of closing Market Street to all traffic. Cost: $164,698.00 (FP only) Role: Sr. Transportation Planner for multimodal analysis

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
East Arapahoe Transportation Plan (Boulder, CO)	2017	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☑ Check if project performed with current firm

The corridor plan includes one-way protected bike lanes, multi-use paths and intersection treatments to improve bicyclist and pedestrian safety. Fehr & Peers analyzed alternatives according to level of comfort for bicyclist and pedestrians and is producing forecasts of likely levels of walking and biking with implementation of the plan. Role: PM Cost: $70,380.00 (FP only)

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Stout Street, Champa Street & 29th Avenue Bike Lane Designs (Denver, CO)	2017	2016

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☑ Check if project performed with current firm

Prepared designs in Denver for protected bike lanes on Stout Street, buffered bike lanes on Champa Street and a combination of protected, buffered and standard bike lanes on 29th Avenue. Over four miles of design in total, including demolition plans, sign relocation/installation plans and striping plans. Cost: $72,400.00 Role: Project Manager

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Denver Uncontrolled Pedestrian Crossing Guidelines (Denver, CO)	2017	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☑ Check if project performed with current firm

Fehr & Peers developed guidelines for the City of Denver for the public works department to use in determining whether or not to mark an uncontrolled crosswalk. The guidelines also address device selection including RRFBs, PHB/HAWKs and pedestrian signals. Fehr & Peers reviewed and summarized best-practice research in developing the guidelines. Cost: $49,900.00 Role: PM

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
East Covell Corridor Plan (Davis, CA)	2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☑ Check if project performed with current firm

Led traffic engineering and multimodal transportation planning tasks. Improvements included a complete network of multi-use paths and buffered bike lanes and intersection reconfigurations to maximize bicyclist and pedestrian safety. This plan led to the installation of California's first protected intersection at the Covell Boulevard/J Street intersection. $25,000.00 (FP only) PM

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE a. TOTAL	b. WITH CURRENT FIRM
Rodney "Alex" Rixey, AICP	Smart Growth	8	2

15. FIRM NAME AND LOCATION *(City and State)*

Fehr & Peers DC, Washington, DC

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science, Systems Engineering and Economics, University of Virginia, 2006 Master of Arts, Urban Planning – Transportation Planning, University of California, Los Angeles, 2011	American Institute of Certified Planners #026745

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Impacts of Level of Traffic Stress on Bikeshare Ridership in the Case of Capital Bikeshare in Montgomery County, Maryland. With Ranjani Prabhakar. 2017; Bike Sharing Ridership Forecast using Structural Equation Modeling. TRB 2016; Station-Level Forecasting of Bike Sharing Ridership: Station Network Effects in Three U.S. Systems. TRB 2013

19. RELEVANT PROJECTS

a.

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

US EPA Smart Location Performance Indicator
United States

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2014 — CONSTRUCTION *(If applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☑ Check if project performed with current firm

This effort laid the foundation for the Smart Location Calculator, which helps agencies evaluate the sustainability impacts of alternative facility options in terms of their relative impacts on automobile driving and greenhouse gas emissions. Alex did much of the research for this project. Cost: $34,719.04 (FP only)

b.

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

Purple Line Design Build, Montgomery County, MD

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☑ Check if project performed with current firm

Fehr & Peers provided traffic analysis and support for the traffic design and the maintenance of traffic during construction. Fehr & Peers performed detailed operations analysis for all at-grade intersections along the corridor. Fehr & Peers was responsible for the TMP and ITS Concept of Operations (CONOPS). Fehr & Peers completed pedestrian impact statements for the light rail stations and roadway network. Role: Sr. Transp Planner Cost: $1,292,398 (FP only)

c.

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

Transportation Performance Strategic Plan, Silver Spring, MD

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2017 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☑ Check if project performed with current firm

Fehr & Peers DC led a team to develop an improved system for measuring Montgomery County's transportation system performance and prepare a strategic plan for incorporating recommended improvements to the current modeling framework. Fehr & Peers DC collaborated with staff to develop a suite of multimodal transportation performance measures that address the County's stated land use and transportation goals. Cost: $228,000 Role: Project Manager

d.

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

Georgetown-Rosslyn Gondola Feasibility Study
Washington, DC

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2016 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☑ Check if project performed with current firm

For a partnership, Fehr & Peers DC forecasted ridership for a proposed tramway connecting Georgetown with Rosslyn that is intended to provide improved transit access for Georgetown University, improved access to customers for Georgetown businesses, and improved access to urban amenities for Rosslyn residents and employees. Cost: $20,400 (FPDC only) Role: Lead Transportation Planner

e.

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

L.A. Metro Active Transportation Strategic Plan, Los Angeles County, CA

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☑ Check if project performed with current firm

Fehr & Peers is recommending a network of station access improvements at key rail and bus transit stops and establishing a regional active transportation network. An analysis of existing conditions and performance metrics, shared in an interactive enterprise GIS web portal, will support network layout and an extensive stakeholder and public outreach effort. $758,958 Lead Transportation Planner

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE a. TOTAL	b. WITH CURRENT FIRM
Jerry Walters, PE	Livable Cities Task Leader	32	32

15. FIRM NAME AND LOCATION *(City and State)*

Fehr & Peers, Walnut Creek, CA

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Master of Engineering in Transportation Engineering, Rensselaer Polytechnic Institute, 1974 Bachelor of Science in Engineering Science, Rensselaer Polytechnic Institute, 1971	Licensed Traffic Engineer, State of California (#1467)

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Jerry Walters is Fehr & Peers' Chief Technical Officer and leader of the firm's Sustainability Practices, integrating transportation planning with sustainable climate, energy and quality of life. Co-author of: Growing Cooler – The Evidence on Urban Development and Climate Change, Urban Land Institute, 2008.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Alameda Countywide Multimodal Arterial Plan (Alameda, CA)	2016	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Fehr & Peers led a multidisciplinary team in the development of a first-of-its-kind Countywide Multimodal Arterial Plan for Alameda County. This plan is unique in that it relies on a quantitative, data-driven and highly technical approach to identify short- and long-term multimodal improvements along a 1,200-mile Arterial Network. Cost: $799,999.00; Role: Expert Advisor

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
ARB Zero-Carbon Buildings Study (CA Statewide)	2017	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Fehr & Peers is developing a study of building-scale transportation management strategies as part of the California Air Resources Board's Study. Fehr & Peers is reviewing new research on carbon emission reductions due to changes in the built environment and implementing TDM. After conducting an inventory of transportation strategies, Fehr & Peers is modeling the effectiveness of these strategies at reducing carbon emissions over time. PIC $168,467.00 (FP only)

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
BAAQMD TDM Tool (San Francisco, CA)	2011	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Fehr & Peers developed a TDM strategy model and a technical memo/user's guide for measuring the effectiveness of individual and grouped TDM strategies in reducing greenhouse gas emissions. The Excel-based tool models the combined effects of TDM strategies based on the literature review performed for the CAPCOA study on quantifying greenhouse gas mitigation measures, specific to the Bay Area. Cost: $62,000.00 Role: PIC.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
US EPA Typology for Sustainable Communities (Countrywide)	2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Fehr & Peers provided expert advisory services to US EPA on developing a national typology for identifying the information and assistance needs of communities throughout the US. The recommendations will help EPA track the sustainability goals and challenges of individual communities and align EPA tools with community needs. Tools range from informational, to assessment, to decisions support. $6,000 PIC/PM

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
US EPA Smart Location Performance Indicator (Countrywide)	2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Developed, for nationwide use by US EPA, "smart location" performance indicators to measure the effect of workplace-location characteristics on vehicle miles travelled per worker, including trips to/from work as well as work-based travel, such as lunch trips. The study develops relationships between land use and location "D" variables including density, diversity, design, destination accessibility and distance from transit – to determine variation. $34,719 (FP only) PIC/PM

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Dana Weissman, AICP	Smart Growth/Bike and Ped Planning	5	4

15. FIRM NAME AND LOCATION *(City and State)*

Fehr & Peers, Oakland, CA

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
M.S. in Transportation Engineering, University of California, Berkeley, 2012 M.C.P. in City and Regional Planning, University of California, Berkeley, 2012	American Institute of Certified Planners #029318

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Dana's focus on active transportation and multimodal transportation planning and engineering provides a solid foundation that she brings to all types of transportation projects. TRB Pedestrian Committee Best Paper Award, "Achieving Vision Zero: A Data-Driven Investment Strategy for Eliminating Pedestrian Fatalities on a Citywide Level, 2015

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Vision Zero Technical Analysis (Los Angeles, CA)	2017	2017

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☑ Check if project performed with current firm

Dana led a team that partnered with LADOT to apply a data-driven approach to reach Vision Zero in Los Angeles. She managed a technical analysis of the City's roadway collisions and the primary factors that contribute to them. Project Manager Cost: $199,237.00

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
WalkFirst Pedestrian Safety CIP (San Francisco, CA)	2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☑ Check if project performed with current firm

Dana was the lead planner/engineer for this project with the City and County of SF to create a prioritized pedestrian capital improvement project list to meet benchmarks outlined in the City's Pedestrian Strategy. Cost: $135,567.00 (FP only)

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Crissy Field Refresh (San Francisco, CA)	2017	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☑ Check if project performed with current firm

Dana's work focused on overcoming the design challenges of ensuring safe and convenient access for the large numbers of bicyclists and pedestrians who use the route, while accommodating enhanced transit service. Cost: $60,000.00 Role: Project Manager

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
New Presidio Parklands Bicycle Planning (San Francisco, CA)	2015	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☑ Check if project performed with current firm

Dana's recommendations focused on better connections between the park and the surrounding bicycle network, enhanced comfort and safety of bicycle circulation within the park, and implementation of a bicycle rental or bike share program. Cost: $13,000.00 Role: Project Manager

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Golden State Warriors Event Center TIA (San Francisco, CA)	2016	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☑ Check if project performed with current firm

Dana served as deputy PM and lead transportation engineer for Fehr & Peers on the Event Center EIR. She oversaw multimodal transportation engineering and planning services. Her particular focus was on creating safe, convenient, and reliable multimodal transportation access around the study site.$261,484.98 (FP only)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE a. TOTAL	b. WITH CURRENT FIRM
Jeremy Klop, AICP	Livable Cities	18	14

15. FIRM NAME AND LOCATION *(City and State)*

Fehr & Peers, Los Angeles, CA

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Master of Regional Planning, University of North Carolina, Chapel Hill, NC, 1999 Bachelor of Science, Biology, Calvin College, Grand Rapids, MI, 1994	American Institute of Certified Planners, 2003 (018596)

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Through combined expertise in travel demand forecasting and multimodal traffic operations, he has helped implement transportation projects in diverse settings throughout the West. He served as a chapter co-author for the ITE Transportation Planning Handbook.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: City of LA Mobility Plan 2035 (Los Angeles, CA)

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2016 — CONSTRUCTION *(If applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ✓ Check if project performed with current firm

From a selection of alternative approaches, the City chose a multimodal layered-network approach with a context sensitive overlay to update its street classification system. Fehr & Peers developed concepts for a layered network. We worked with the City to create new street standards based on the development of that layered network. The team prepared a Streetscape Manual that identifies improvements associated with each street type. Cost: $794,000 Role: PM

b.

(1) TITLE AND LOCATION *(City and State)*: Fastracks Quality of Life Program (Denver, CO)

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2009 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ✓ Check if project performed with current firm

Our role included measures such as congestion, travel times, station pedestrian & bicycle access, population and jobs in walking distance of quality transit, and regional destinations served by quality transit. Role: PM Cost: $78,748 (FP only)

c.

(1) TITLE AND LOCATION *(City and State)*: People St Evaluation (Los Angeles, CA)

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2017 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ✓ Check if project performed with current firm

Fehr & Peers is evaluating all seven of the People St public spaces and up to five bicycle corrals for LADOT. For each installation, we are employing a variety of data collection techniques and exploring a host of metrics related to public life. We are assessing each site before and after project implementation to shed light on how the People St spaces have influenced the City. Cost: $238,410.00 Role: PIC

d.

(1) TITLE AND LOCATION *(City and State)*: Expo and Crenshaw Transit Neighborhood Plans (Los Angeles, CA)

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2017 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ✓ Check if project performed with current firm

The project included new land use and streetscape regulations, general plan amendments, and specific plans for five of the stations. Our approach to trip generation, parking demand estimation, and transportation evaluation was informed by the City's new and innovative approaches to transportation evaluation contained in the update to the circulation element. Cost: $445,380.00 (FP only) Role: PIC

e.

(1) TITLE AND LOCATION *(City and State)*: L.A. Metro Active Transportation Strategic Plan (Los Angeles County, CA)

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ✓ Check if project performed with current firm

Fehr & Peers is recommending a network of station access improvements at key rail and bus transit stops and establishing a regional active transportation network. An analysis of existing conditions and performance metrics, shared in an interactive enterprise GIS web portal, will support network layout and an extensive stakeholder and public outreach effort. $758,958 PIC

ARCHITECT – ENGINEER QUALIFICATIONS	1. SOLICITATION NUMBER *(If any)* DCKA-2017-Q-0003 (contract no.)

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME Fehr & Peers DC PLLC		3. YEAR ESTABLISHED 2015	DUNS NUMBER 079812197
2b. STREET 1003 K Street NW Suite 209		5. OWNERSHIP a. TYPE Corporation	
2c. CITY Washington, D.C.	2d. STATE	2e. ZIP CODE 20001	b. SMALL BUSINESS STATUS No
6a. POINT OF CONTACT NAME AND TITLE Matthew Ridgway, Principal		7. NAME OF FIRM *(If block 2a is a branch office)*	
6b. TELEPHONE NUMBER (206) 576-4220	6c. E-MAIL ADDRESS M.Ridgway@fehrandpeersdc.com		
8a. FORMER FIRM NAME(S) *(If any)*		8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Emplo (1) FIRM	(2 BRANCH
02	Administrative		
08	CADD Technician		
12	Civil Engineer		
29	Geographic Information		
47	Planner: Urban/Regional	4	
48	Project Manager	2	
58	Technician/Analyst		
60	Transportation Engineer		
	Other Employees		
	Total	6	

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

a. Profile Code	b. Experience	c. Revenue Index Number
T03	Traffic & Transportation Engineering	4

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	4
c. Total Work	4

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE Matthew D. Ridgway	DATE July 5, 2017
c. NAME AND TITLE Matthew Ridgway, Principal	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Manuel G. Vera, Jr., PSM	SUR Chief Surveyor	a. TOTAL 34	b. WITH CURRENT FIRM 34

15. FIRM NAME AND LOCATION (City and State)

Manuel G. Vera & Associates, Inc. Miami, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Bachelor of Science, Legal Studies, Nova Southeastern University, 1994 Associates of Science, Land Surveying, Miami Dade College, 1988	Professional Surveyor & Mapper, Florida, PSM#5291 (1994)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Mr. Vera Jr., a registered Land Surveyor has over 34 years of experience with the company and throughout the state of Florida. He has managed a variety of survey contracts and projects for the Florida Department of Transportation, Miami-Dade County, Miami-Dade Expressway Authority, City of Miami, and numerous Engineering and Design firms. Mr. Vera has performed and managed all types of surveying services including: Design Surveys, Right-of-Way Control Surveys, Right-of-Way Mapping, Platting, Construction Layout, As-built Surveys, Drainage Surveys, etc. Mr. Vera is a Senior Surveyor and Mapper as well as our Senior Project Manager. He has extensive experience in the management and coordination of survey projects involving a variety of surveying techniques such as Aerial Surveys, Conventional Ground Surveying, Utilities designation, etc. Professional Affiliation: Florida Surveying & Mapping Society

19. RELEVANT PROJECTS

a

1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
D/W Right of Way Mapping Production Support FDOT District IV (Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, Florida)	On-Going	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Project Manager. On this districtwide task oriented contract, MGV is in charge for all survey activities including field survey activities and office support and mapping tasks for the duration of the contract. Cost: $1.5 Million

b

1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
Turnpike Widening Atlantic to Boynton Beach Blvd FDOT District IV (Palm Beach County, Florida)	On-Going	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Project Manager. MGV provided a Design Survey consisting of the following deliverables: the establishment of horizontal (NAD 83/90) and vertical control (NAVD 88) networks, Survey Baseline and Right of Way Lines, Aerial Targets, creation of Topographic survey and Digital Terrain Model (DTM/3D) in 3D laser scanning, Roadway Cross-Sections/Profiles, Bridge Survey, Channel Survey, and Pond Site Survey, and Project Network Control Sheets. Cost $262,847

c

1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
PD&E Study for Widening Sawgrass from S. of US 441 to W. of Powerline Rd Florida's Turnpike Enterprise (Broward County, Florida)	On-Going	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Project Manager. MGV is responsible for preparing a complete Design survey, which includes the establishment of horizontal (NAD 83/90) and vertical control (NAVD 88) networks, the creation of Topographic surveys and Digital Terrain Model, as well as provide subsurface utility engineering services (SUE). Cost: $581,822

d

1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
Cross Town Parkway Segment 1 from Manth Lane to US1 City of Port St. Lucie (St. Lucie County, Florida)	2016	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Project Manager. MGV prepared a complete Design survey which includes the establishment of horizontal (NAD 83/90) and vertical (NAVD 88) control networks, the creation of Topographic surveys and Digital Terrain Model (DTM/3D) in 3D laser scanning, perform cross sections, aerial targets, subdivision location (up to 100, as required), and geotechnical support. Cost $183,080 (Survey Services: $133,080 & SUE Services $50,000)

e

1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
Miscellaneous Stormwater Infrastructure Surveys – Master Plan Basins – Section: (3-41-24) PWWM (Miami Dade County, FL)	2016	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Project Manager. MGV provided survey services, including: the establishment of horizontal (NAD 83/90) and vertical control (NAVD 88) networks, as well as coordinates, elevation, and description for all points. Points included are: Structures (Catch-Basins, Manholes, Structure, Grease Interceptors), Outfall/Culverts, a total of four (4) Canal Cross Sections, Bridges, Control Structures (Watergates, etc.), Topographic Survey, and Field Reconnaissance. Cost $191,525

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Mark R. Sowers, PSM	SUE Director	a. TOTAL 30	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION (City and State)
Manuel G. Vera & Associates, Inc. Jupiter, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Bachelor of Science, Land Surveying, University of Florida, 1988	Professional Surveyor & Mapper, Florida, PSM#5266 (1993)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Mr. Sowers is a Professional Surveyor & Mapper with 30 years of experience throughout the state of Florida. His responsibilities include managing field operations and establishing standards for consultants as well as final quality assurance / quality control of all deliverables before client submission. He is proficient in the latest industry technology, as well as developing and implementing successful management strategies. Mr. Sowers worked for the Florida Department of Transportation (FDOT), District IV for eight years, four of them as District Surveyor. During his FDOT tenure, Mr. Sowers actively participated in statewide process improvements. He was a chairperson for FDOT's Survey Technical Advisory Committee and a member of the committees responsible for the development and implementation of the staff-hour estimating form and project network control sheet. Professional Affiliation: Florida Surveying & Mapping Society

19. RELEVANT PROJECTS

a

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
D/W Right of Way Mapping Production Support FDOT District IV (Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, Florida)	On-Going	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm
SUE Director. On this districtwide task oriented contract, MGV is in charge for all survey activities including field survey activities and office support and mapping tasks for the duration of the contract. Coat $1.5 Million

b

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
Turnpike Widening Atlantic to Boynton Beach Blvd FDOT District IV (Palm Beach County, Florida)	On-Going	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm
Surveyor and Mapper. MGV was responsible for providing a Design Survey consisting of the following deliverables: the establishment of horizontal (NAD 83/90) and vertical control (NAVD 88) networks, Survey Baseline and Right of Way Lines, Aerial Targets, creation of Topographic survey and Digital Terrain (DTM), Roadway Cross-Sections/Profiles, Bridge Survey, Channel Survey, and Pond Site Survey, and Project Network Control Sheets.

c

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
PD&E Study for Widening Sawgrass from S. of US 441 to W. of Powerline Rd Florida's Turnpike Enterprise (Broward County, Florida)	On-Going	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm
SUE Director. MGV is responsible for preparing a complete Design survey, which includes the establishment of horizontal (NAD 83/90) and vertical control (NAVD 88) networks, the creation of Topographic surveys and Digital Terrain Model, as well as provide subsurface utility engineering services (SUE). Cost: $581,822

d

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
Topographic Survey NW 82nd Ave. from NW 27th St. to NW 33rd St. City of Doral (Miami-Dade County, Florida)	2017	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm
SUE Director. MGV provided a Design Survey including: the establishment of horizontal (NAD 83/90) and vertical control (NAVD 88) networks, Survey Baseline and Subdivision Locations for Survey Baselines and Right of Way Lines, creation of Topographic survey and Digital Terrain Model (DTM/3D), Drainage Survey, Parcel Sketches and Legal Descriptions, and Title Search Report. MGV also performed subsurface utility services, including test holes locations. Cost $24,859.75

e

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
Cross Town Parkway Segment 1 from Manth Lane to US1 City of Port St. Lucie (St. Lucie County, Florida)	2016	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm
SUE Director. MGV prepared a complete Design survey which includes the establishment of horizontal (NAD 83/90) and vertical (NAVD 88) control networks, the creation of Topographic surveys and Digital Terrain Model (DTM/3D) in 3D laser scanning, perform cross sections, aerial targets, subdivision location (up to 100, as required), and geotechnical support. Cost $183,080
(Survey Services: $133,080 & SUE Services $50,000)

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (if any): RFQ 2017.05.YG

PART II - GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME: Manuel G. Vera & Associates, Inc.		YEAR ESTABLISHED: 1977	DUNS NUMBER: 032194151
2b. STREET: 13960 SW 47th Street		5. OWNERSHIP	
2c. CITY: Miami	2d. STATE: Florida / 2e. ZIP CODE: 33175	a. TYPE: Corporation	
6a. POINT OF CONTACT NAME AND TITLE: Manuel G. Vera, Jr., PSM Executive Vice President		b. SMALL BUSINESS STATUS: 541370	
6b. TELEPHONE NUMBER: (305) 221-6210	6c. E-MAIL ADDRESS: mverajr@mgvera.com	7. NAME OF FIRM (If block 2a. is a branch office)	
8a. FORMER FIRM NAME(S) (If any)		8b. YR ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
02	Administrative	6	
08	CADD Technician	4	
38	Land Surveyors	6	
58	Technician/Analyst	33	
	Other Employees		
	Total	49	

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

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
L02	Land Surveying	6

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	0
b. Non-Federal Work	6
c. Total Work	6

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,00 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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE: June 21, 2017

c. NAME AND TITLE

Manuel G. Vera, Jr., PSM Executive Vice President

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Gustavo A. Eckardt. P.E.	**Project Engineer**	**15**	**6**

15. FIRM NAME AND LOCATION *(City and State)*

Premiere Design Solutions, Inc. – North Miami, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
B.S. Civil Engineering, University of North Carolina at Charlotte	**Professional Engineer Florida No.67553**

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Florida Engineering Society, Chi Epsilon Civil Engineering Honor Society, National Society of Professional Engineers, Primavera P3 Scheduling Training, MOT Training Course

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)

ADA Compliant Bus Stop Improvement, Town of Miami Lakes, Miami Lakes, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2013	**2016**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE [X] Check if project performed with current firm

Mr. Eckardt was the project manager and engineer of record for this project which included field data collection, topographic survey, scope determination and the generation of demolition, new construction, and maintenance of traffic plans. Project provided the client with the design for ADA and pedestrian facilities improvements to 11 bus stops locations, new bus shelters, concrete pads, sidewalks and amenities. Project included the design of curb ramps, concrete sidewalks, pedestrian crosswalk with solar rectangular rapid flashing beacon (RRFB), coordination with Town, Miami-Dade Transit, conduct underground utility investigations and permitting assistance.

b.

(1) TITLE AND LOCATION (City and State)

Miami-Dade Transit Department, ARRA Municipalities Shelters Groups "A & C", Miami-Dade County, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2012	**2014**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE [X] Check if project performed with current firm

Project consisted of two transit improvement projects at over 70 locations throughout Miami-Dade County, in the Cities of Homestead, Florida City, North Miami, North Miami Beach, Miami Lakes, Surfside, Bay Harbor Islands, Aventura, South Miami, Opa-Locka, and El Portal. Project was Federally Funded and coordinated by the Miami-Dade Transit Department, and follows all ARRA and Federal guidelines and regulations. Mr. Eckardt was the Construction Manager and Quality Control representative in the project, and assisted in obtaining all permitting approvals from municipalities and county agencies. Project included the ADA accessibility and pedestrian safety improvements to bus stop locations, new bus shelters and amenities, new sidewalk and reinforced concrete pads.

c.

(1) TITLE AND LOCATION (City and State)

MDT A/E Professional Consultant Services for Federally Funded Projects, Miami-Dade County Transit, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2013	**2015**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE [X] Check if project performed with current firm

Mr. Eckardt is the Consultant Project Manager in this multi-year contract for Continuous Professional Services for Federally Funded Projects, to develop transit facilities funded through the Federal Transit Administration (FTA). The scope of work includes but is not limited to: technical and operation planning, transit studies, environmental impact statements, permitting, surveying, fire/life/safety consulting, cost estimating, structural, geotechnical, industrial, electrical, MEP, architecture, transit and transportation planning in accordance with FTA requirements, design criteria, support negotiation of full funding grant agreements, plan & specification reviews, design of new transit facilities, construction engineering and inspections, value engineering, project cost estimates and traffic studies.

d.

(1) TITLE AND LOCATION (City and State)

ADA Bus Stop Access Construction Management, Miami-Dade, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2011	**2013**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE [X] Check if project performed with current firm

Mr. Eckardt was the Contractor's Construction Manager for two construction projects to provide ADA and safe pedestrian access to 79 bus stop locations throughout Miami-Dade County, including a solar lighted pedestrian crossing. These federally funded projects, provided ADA improvements to routes accessing bus stop locations, and included concrete sidewalks, curb ramps, curb and gutter. Mr. Eckardt coordinated between contractor and MDPW, permitting assistance, and the generated daily activity reports, federal forms & pay application submittals.

e.

(1) TITLE AND LOCATION (City and State)

MDT Park-and-Ride at SW 344 Street Special Inspections, Miami-Dade Transit, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2016	**2016**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE [X] Check if project performed with current firm

Mr. Eckardt is Responsible for this task to provide special inspections for reinforced concrete and structural elements for the City of Florida City during the construction of this MDT - 266 space parking lot with pedestrian facilities, concrete sidewalks, curb ramps, concrete pavement, bus bays and shelters, located west of the southern end of the Busway between NW 2nd Avenue and NW 3rd Avenue at 344th Street.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Luis J. Jurado, P.E.	**Civil Engineering QA/QC**	**14**	**10**

15. FIRM NAME AND LOCATION *(City and State)*

Premiere Design Solutions, Inc. – North Miami, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
B.S. Civil Engineering, University of North Carolina at Charlotte	**Professional Engineer** **Florida No.66396 - South Carolina No. 28394**

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Florida Engineering Society, National Society of Professional Engineers, ASCE Member

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)

Continuous Professional Services for Federally Funded Projects, Miami-Dade Transit, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2015	**2016**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE [X] Check if project performed with current firm

The scope of work for this contract included technical and operation planning, transit studies, environmental impact statements, permitting, engineering inspections, surveying, fire/life/safety consulting, cost estimating, structural, geotechnical, industrial, electrical, systems and mechanical engineering, architecture, transit and transportation planning, design of new transit facilities, construction engineering and inspections, value engineering, project cost estimates and traffic studies. Mr. Jurado has overseen over Six work orders under this contract performing quality control review and analysis of FTA guidelines, project coordination and assisting upper management at MDT with prioritizing transit improvements.

b.

(1) TITLE AND LOCATION (City and State)

FDOT Minor Highway Transit Enhancements, Broward County, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2010	**2013**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE [X] Check if project performed with current firm

Project included design services, permitting and construction management services for the improvement at 73 locations along FDOT right-of-way in Broward County, FL. This Design-Build Project included the enhancement of transit facilities, including ADA improvements, utility coordination, civil design, permitting and construction inspections. This project also included the design of custom made state of the art bus shelter facilities to replace exiting or be added at these locations. Mr. Jurado was responsible for presenting a work program to ensure completion within the expected Client's schedule, project team coordination and rigorous quality control. The project total cost was $2.5 Million.

c.

(1) TITLE AND LOCATION (City and State)

Citywide Sidewalk Assessment Survey, City of Fort Lauderdale, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2014	**2015**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE [X] Check if project performed with current firm

As part of the comprehensive effort to address resident's concerns, the City has embarked on a citywide Sidewalk Assessment Program. The work included a GIS inventory of all 420 miles of City-owned sidewalks and an interactive report with sidewalk deficiency, photo and GIS location, type, and length of damage. Mr. Jurado was responsible for the coordination of work, training and field data collection of filed survey activities, and assisted field crews in the collection of data and assessing the existing condition of miles of existing sidewalks and pedestrian curb ramps.

d.

(1) TITLE AND LOCATION (City and State)

North Perry Airport Park and Ride Facility, Pembroke Pines, Broward County, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2015	**2016**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE [X] Check if project performed with current firm

Mr. Jurado served as the Project Principal for the development of a Park-and-Ride Facility at the North Perry Airport located on the northeast corner of Pembroke Road and University Drive in the City of Pembroke Pines providing Quality Assurance and project coordination. The site development included the design of the parking facility including a drainage and lighting system to serve riders of the Broward County Transit System. Mr. Jurado was responsible for QA/QC, client management, and coordination of approvals of the local governmental agencies such as Broward County Transit (BCT), Broward County Aviation Dept. (BCAD) and Pembroke Pines.

e.

(1) TITLE AND LOCATION (City and State)

MDT Park-and-Ride at SW 147 Ave and SR 836 Express Bus Service Planning Support, Miami-Dade Transit, FL

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2014	**N/A**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE [X] Check if project performed with current firm

Mr. Jurado was the quality control manager for this project to analyze impacts of the relocation of a terminal located at FIU Main campus to Parking Garage VI, and creating concepts for the Panther Station. Mr. Jurado provided key support and assistance during the update to the Categorical Exclusion Document prepared for FTA to obtain federal support on this project. Mr. Jurado also assisted in the preparation of conceptual design for the panther station, attended and participated in the public meeting for the SR 836 Express Bus Service project, and analyzed route intersections for queue jumps and TSP application and provided reviews of cost estimating tasks.

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (If any)

PART II - GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME	**Premiere Design Solutions, Inc.**
3. YEAR ESTABLISHED	**2007**
4. DUNS NUMBER	**938410813**
2b. STREET	**2900 Glades Circle Suite 700**
2c. CITY	**Weston**
2d. STATE	**FL**
2e. ZIP CODE	**33327**
5. OWNERSHIP	
a. TYPE	**S Corporation**
b. SMALL BUSINESS STATUS	**8 (a), DBE , SBE , CBE, MBE, SBA**
6a. POINT OF CONTACT NAME AND TITLE	**Luis Jurado- President**
6b. TELEPHONE NUMBER	**954.237.7850**
6c. E-MAIL ADDRESS	**ljurado@pds-eng.com**
7. NAME OF FIRM (If block 2a is a branch office)	N/A
8a. FORMER FIRM NAME(S) (If any)	**N/A**
8b. YR. ESTABLISHED	**N/A**
8c. DUNS NUMBER	**N/A**

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
02	Administrative	2	1
06	Architect		1
07	Biologist		
08	CADD Technician	2	
10	Chemical Engineer		
12	Civil Engineer	2	
14	Computer Programmer		
15	Construction Inspector		
16	Construction Manager	1	
18	Cost Engineer / Estimator		
22	Electronics Engineer		
23	Environmental Engineer		
29	GIS Specialist	1	
34	Hydrologist		
52	Sanitary Engineer		
53	Scheduler		
57	Structural Engineer		1
58	Technician	1	
60	Transportation Engineer	1	
62	Water Resources Engineer	1	
	Other Employees	1	
	Total	12	3

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

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
A05	Airports;	3
A12	Automation; Controls; Instrumentation	
C15	Construction Management	1
C18	Cost Estimating	
D08	Dredging Studies and Design	
E09	Environmental Impact Studies, etc.	
E11	Environmental Planning	
E12	Environmental Remediation	
G04	GIS Services	3
H03	Hazardous, Toxic, etc. Remediation	
R04	Recreation Facilities	2
R11	Rivers; Canals; Waterways	
S04	Sewage Collection, Treatment, etc.	2
S07	Solid Wastes; Incineration; Landfill	
S13	Storm Water Handling & Facilities	2
U01	Unexploded Ordnance Remediation	
U02	Urban Renewal; Community Devel.	2
W02	Water Res.; Hydrology; Ground Water	1
W03	Water Supply; Treatment, etc.	1
	Environ. Management & Compliance	
	Information Technology	
	Management Consulting	1

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	4
c. Total Work	5

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE

b. DATE **July 5, 2017**

c. NAME AND TITLE **Luis Jurado – President**

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE a. TOTAL	b. WITH CURRENT FIRM
Glenn Davis	Traffic Data Collection Manager	7.5	7.5

15. FIRM NAME AND LOCATION *(City and State)*
Quality Counts, LLC (Fort Lauderdale, FL)

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science (Business Management)	N/A

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Member of ITE, ASHE, and APA.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
I-95 Interchange PD&E Study (Broward County Interchanges) Fort Lauderdale, FL – FDOT District 4	2012	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* **AND SPECIFIC ROLE** ☑ **Check if project performed with current firm**

The purpose of this study was to determine peak traffic and average daily travel for each interchange of I-95 throughout Broward County, 17 in total. QC was subcontracted by URS to perform 72-hr volume approach counts at an average of four intersections per interchange, along with 8-hr TMCs for three consecutive days (through use of video) and two 72-hr classification counts per interchange. Data was collected for one full interchange per week. Mr. Davis was responsible for project management.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
I-95 Interchange PD&E Study (Palm Beach County Interchanges) Palm Beach, FL – FDOT District 4	2013	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* **AND SPECIFIC ROLE** ☒ **Check if project performed with current firm**

The purpose of this study was to determine peak traffic and average daily travel for each interchange of I-95 throughout Palm Beach County, 17 in total. QC was subcontracted by Kittelson to perform 24-hr volume approach counts at an average of four intersections per interchange, along with AM and PM Peak TMCs (through use of video) and two 24-hr classification counts per interchange. Data was collected for two full interchanges per week. Mr. Davis was responsible for project management.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Glades Road Interchange PD&E Study Boca Raton, FL – FDOT District 4	2015	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* **AND SPECIFIC ROLE** ☒ **Check if project performed with current firm**

The purpose of this study was to determine peak traffic, average daily travel, and trip generation for the Glades Road interchange for I-95 in Boca Raton, FL. QC was subcontracted by AECOM to perform AM and PM Peak turning movement counts for three consecutive days (through use of video) at thirteen (13) intersections. In addition, QC was tasked with collecting Bluetooth data collection to determine origin-destination information for 6 identified origins. Mr. Davis was responsible for project oversight.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
City-wide Speed Limit Reduction Study Coral Gables, FL – City of Coral Gables	2016	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* **AND SPECIFIC ROLE** ☒ **Check if project performed with current firm**

Quality Counts was subcontracted by the City of Coral Gables to perform 7-day speed counts at 25 different locations around the city. Mr. Davis was responsible for the project management.

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Dana Wall	Sub-Contractor (Livable Cities)	3	1.5

15. FIRM NAME AND LOCATION *(City and State)*
Street Plans *(Coral Gables, FL)*

16. EDUCATION *(DEGREE AND SPECIALIZATION)*
Master of Urban Planning, M.S. Environmental Planning, B.A. Communications Studies

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Project Designer at Street Plans with a background in public and open space planning, and graphic design for urban planning and design projects. At Street Plans, Dana has contributed urban design and planning skills to a variety of projects. To the Lewiston-Auburn Complete Streets Design and Best Practices Design Guide, she created graphics and contributed written content. She has identified placemaking opportunities to catalyze a future innovation district in the Allapattah neighborhood of Miami, and has compiled a report for Miami-Dade's MPO in which she proposed a regional bicycle network and made other recommendations to increase the feasibility of biking in South Miami-Dade County. Dana also contributes graphic design and branding skills to projects at Street Plans.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
New Haven Downtown Transportation Action Plan
New Haven, CT

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: In Progress
CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
☒ Check if project performed with current firm

Street Plans is currently in the process of drafting the Bicycle, Pedestrian, and Transit Action Plan with the City. With the goal of implementing projects in the near, mid, and long-term, Street Plans will develop a network plan supported by typical cross sections and minimal standards for a wide range of contextually-appropriate bicycle, pedestrian, and transit facilities, as well as traffic calming treatments, green infrastructure, intersection designs, and operation signalization improvements. Dana produces section and plan drawings for proposed bike, pedestrian, and transit access facilities for the Action Plan.
Role: Project Designer Cost: $90,000

b.

(1) TITLE AND LOCATION *(City and State)*
Burlington Quick Build Program
Burlington, VT

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: In Progress
CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
☒ Check if project performed with current firm

The creation of branding and proposed bicycle, pedestrian, and transit access projects for Burlington's Department of Public Works' Quick Build Program. Dana led the program branding and the Neighborhood Greenways wayfinding design, and contributed engineering drawings for proposed projects.
Role: Project Designer Cost: $65,000

c.

(1) TITLE AND LOCATION *(City and State)*
ATRC Complete Streets Design Guide
Lewiston-Auburn, ME

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2016
CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
☒ Check if project performed with current firm

Street Plans was commissioned by the Androscoggin Transportation Resource Center— the Metropolitan Planning Organization serving the urbanized area of Lewiston, Auburn, Lisbon, and portions of Sabattus, Maine- to help the Lewiston-Auburn area achieve a balanced and complete transportation system. Street Plans performed three deliverables: Downtown Arterial Streets Bicycle and Pedestrian Facilities Analysis + Plan; Complete Streets Best Management + Design Manual; Bicycle/Pedestrian Greenways Connectivity Plan. Dana designed the Design Manual, and contributed section and plan drawings.
Role: Project Designer Cost: $55,900

d.

(1) TITLE AND LOCATION *(City and State)*
BikeNWA Bicycle Pilot Projects
Northwest Arkansas (Bella Vista, Bentonville, and Rogers)

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2016
CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
☒ Check if project performed with current firm

A series of month-long bicycle pilot projects in three cities in Northwest Arkansas, in partnership with the Walton Family Foundation and the Northwest Arkansas Regional Planning Commission. Over a mile of protected bikeways was built with community volunteers. Projects lasted for a minimum of a month. Dana produced site plans and public outreach drawings.
Role: Project Designer Cost: $100,000

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Irene Balza	Sub-Contractor (Smart Growth)	4	.25

15. FIRM NAME AND LOCATION *(City and State)*
Street Plans *(Coral Gables, FL)*

16. EDUCATION *(DEGREE AND SPECIALIZATION)*
Bachelors of Architecture

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Irene Balza is a project manager at Street Plans Collaborative at the firm's Miami office. She has a background in architecture and sustainable design for urban planning and design projects prior to joining Street Plans, Irene worked with the Miami Downtown Development Authority on various urban design, transportation, and street-improvement projects. While at the Miami DDA, she was part of the design team for Biscayne Green, a one-month public space installation in the heart of Downtown Miami, and for a Complete Streets design initiative on SE/SW 1st St. She produced site designs and proposals and also worked on design award submissions for the various design projects. In addition to having experience with the City of Miami, Irene also has a strong background in urban design after working with Duany Plater-Zyberk & Co. During her internship, she worked on generating RFP's and design presentations for the clients, as well as producing site drawings and plans for the design charrettes. Irene has earned a Bachelor of Architecture and is currently pursuing a Master of Urban Design and Development at the University of Miami. While pursuing her degree, she participated in the Southeast Florida Regional Climate Change Compact with community leaders and experts to develop full resilient design concepts for the Florida Climate Institute (FCI) to serve as model approaches for communities facing similar challenges

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
New Haven Downtown Transportation Action Plan
New Haven, CT

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: In Progress
CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
☒ Check if project performed with current firm

Street Plans is currently in the process of drafting the Bicycle, Pedestrian, and Transit Action Plan with the City. With the goal of implementing projects in the near, mid, and long-term, Street Plans will develop a network plan supported by typical cross sections and minimal standards for a wide range of contextually-appropriate bicycle, pedestrian, and transit facilities, as well as traffic calming treatments, green infrastructure, intersection designs, and operation signalization improvements. Dana produces section and plan drawings for proposed bike, pedestrian, and transit access facilities for the Action Plan.
Role: Project Designer Cost: $90,000

b.

(1) TITLE AND LOCATION *(City and State)*
Magic City TUP Site Plan Proposal and Permitting
Miami, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: In Progress
CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
☒ Check if project performed with current firm

Street Plans was commissioned by Magic City to design and create a site plan document for an 8.4-acre site for a temporary use permit (TUP). The site is configured to hold flexible event space, art, music and community programming. This is an incremental urban planning project for a private developer in Miami, FL. The design completes the vacant lots with temporary structures, fencing, and landscaping at the edge and creates internal pathways and outdoor event space with adequate amenities.
Role: Project Designer Cost: $3,000

c.

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

(2) YEAR COMPLETED
PROFESSIONAL SERVICES
CONSTRUCTION *(if applicable)*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
☐ Check if project performed with current firm

d.

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

(2) YEAR COMPLETED
PROFESSIONAL SERVICES
CONSTRUCTION *(if applicable)*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
☐ 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	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Sam Goater, PE	Sub-Contractor (Livable Cities, Bike/Ped Planning)	10	.5

15. FIRM NAME AND LOCATION *(City and State)*
Street Plans *(Coral Gables, FL)*

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Engineering, Civil Engineering	Professional Engineer, CT

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
A licensed Professional Engineer, with ten years of broad civil and transportation engineering experience in the public and private sectors, Sam's mission is to create places that get more people on bikes. Prior to working for Street Plans, Sam was a Senior Associate at the Project for Public Spaces in New York City, where his primary work involved helping decision makers understand that streets are places, too.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
New Haven Downtown Transportation Action Plan
New Haven, CT

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
In Progress	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm
Street Plans is currently in the process of drafting the Bicycle, Pedestrian, and Transit Action Plan with the City. With the goal of implementing projects in the near, mid, and long-term, Street Plans will develop a network plan supported by typical cross sections and minimal standards for a wide range of contextually-appropriate bicycle, pedestrian, and transit facilities, as well as traffic calming treatments, green infrastructure, intersection designs, and operation signalization improvements. Sam leads the design proposals for how New Haven can retrofit its Downtown streets to better accommodate other modes of transportation.
Role: Project Engineer Cost: $90,000

b.

(1) TITLE AND LOCATION *(City and State)*
Burlington Quick Build Program
Burlington, VT

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
In Progress	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm
The creation of branding and proposed bicycle, pedestrian, and transit access projects for Burlington's Department of Public Works' Quick Build Program. Sam is contributing design and engineering proposals for quick build projects, and contributes engineering drawings for the proposed projects.
Role: Project Engineer Cost: $65,000

c.

(1) TITLE AND LOCATION *(City and State)*
Hemphill Restriping Plan
Fort Worth, TX

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2016	2016

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☐ Check if project performed with current firm
The reconfiguration of a major thoroughfare through Fort Worth's central city, Hemphill Street. Sam led the community outreach and input, and the development of design and engineering solutions.
Role: Project Engineer Cost: $1-3 million

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Sherryl Muriente	Sub-Contractor (Smart Growth, Urban Design)	10	1

15. FIRM NAME AND LOCATION *(City and State)*
Street Plans *(Coral Gables, FL)*

16. EDUCATION *(DEGREE AND SPECIALIZATION)*
Master of Urban & Regional Planning, Bachelor of Architecture

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Sherryl is a Project Director at Street Plans' with a strong background in urban acupuncture, design and architecture, and teaching urban design courses and workshops. Sherryl brings an expertise in getting the community engaged in activating place through action. She is an elected councilor for the National Strategic Council of the American Institute of Architects, and an appointed member of the Florida Architects Political Action Committee. Sherryl has also served as the Creative Director of LeJobart, artist duet, in which she has curated and managed large-scale public art projects. She has worked on an array of community engagement projects that use Tactical Urbanism demonstration techniques and processes for community-led interventions, alleyway restorations, and parklet studies.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Biscayne Green Pilot Project
Miami, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2017
CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
☒ Check if project performed with current firm

A three-week pilot project with the Miami DDA that transformed two parking medians along Biscayne Boulevard in Downtown Miami into public space. The project also included streetscape modifications, like a dedicated bus/bike lane, a new on-street parallel parking lane, and a temporary Citibike station. Sherryl led the public engagement, site planning, permitting, and materials procurement for the project. Project partners included Prism Creative Group and the Miami-Dade County Parks Dept.
Role: Project Manager Cost: $150,000

b.

(1) TITLE AND LOCATION *(City and State)*
BikeNWA Bicycle Pilot Projects
Northwest Arkansas (Bella Vista, Bentonville, and Rogers)

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2016
CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
☒ Check if project performed with current firm

A series of month-long bicycle pilot projects in three cities in Northwest Arkansas, in partnership with the Walton Family Foundation and the Northwest Arkansas Regional Planning Commission. Over a mile of protected bikeways was built with community volunteers. Projects lasted for a minimum of a month. Sherryl produced site plans and public outreach drawings.
Role: Project Designer Cost: $100,000

c.

(1) TITLE AND LOCATION *(City and State)*
Key West Bike Plan
Key West, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: Project In Progress
CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
☒ Check if project performed with current firm

Sherryl led the public engagement strategy for the Key West Bike Plan as a part of the first planning phase. She led a Handlebar and Walkabout Survey, analyzing the existing bicycle network and conducting qualitative analysis of existing infrastructure. Sherryl assisted partners Toole Design Group in facilitating the public meetings. Sherryl will continue to lead public engagement for the next planning phase, starting Fall 2017.
Role: Public Engagement Specialist Cost: $48,000

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Anthony Garcia, RA	Sub-Contractor (Smart Growth, Livable Cities, Urban Design)	15	5

15. FIRM NAME AND LOCATION *(City and State)*
Street Plans *(Coral Gables, FL)*

16. EDUCATION *(DEGREE AND SPECIALIZATION)*
Master of Architecture, B.A. Urban Planning & Architecture

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
FL, Architect

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Tony Garcia is a Principal of Street Plans Collaborative, and leads the firm's Miami office. Anthony is a nationally recognized architect, writer, speaker, and advocate in the field of transit, pedestrian, and bicycle infrastructure. As a writer and advocate, Tony's work has appeared in, or been featured by, The Daily Business Review, Atlantic Cities, Next American City Magazine, Momentum Magazine, Streetsblog, the Miami Herald, and The Miami New Times. Together with Mike Lydon, Tony is the recipient of the 2017 Seaside Prize and co-author of the full-length book *Tactical Urbanism*, published by Island Press in March 2015, and named by Planetizen as one of the top ten books of the year. He co-founded the Ludlam Trail project, which will result in the addition of over 50 acres of new park space in Miami-Dade County. Tony's firm is a 2017 Knight Cities Challenge winner for the MDT Quick-Build Program.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
US-1 Corridor Mobility Plan
Village of Pinecrest, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2015
CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
☒ Check if project performed with current firm

Multimodal mobility and land use plan for US-1 Corridor. The project specifically focused on increasing safety and mobility for cyclists and pedestrians, and reflects design solutions that adapt suburban strip mall patterns into main street conditions. Street Plans conducted a thorough existing conditions analysis, partially completed through a Handlebar Survey and Walkability Audit. The final plan provides Pinecrest with short and long-term site-specific pedestrian safety improvements, recommendations to support the Village Bicycling Plan, design standards for new bike/ped facilities, and a detailed implementation plan.
Role: Principal/Project Manager Cost: $60,000

b.

(1) TITLE AND LOCATION *(City and State)*
City of Miami Bicycle Master Plan
Miami, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2011
CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
☒ Check if project performed with current firm

The City of Miami's first comprehensive bicycle master plan, including bicycle action workshops, full analysis of existing conditions, a bikeway facility network plan, and a bicycle parking study.
Role: Project Manager Cost: $42,000

c.

(1) TITLE AND LOCATION *(City and State)*
Bike/Walk Miami Beach Master Plan and Street Design Guide
Miami Beach, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2015
CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
☒ Check if project performed with current firm

A multi-phase bicycle and pedestrian comprehensive redesign of the Miami Beach street network, with an emphasis on the policies that help implement the city's new transportation priorities through a street design guide. A centerpiece of the ambitious plan is the establishment of city-wide mode share goals, the first project to propose such specific goals in Miami-Dade County. In addition to the Master Plan, the project included a Street Design Guide for the implementation of Complete Streets.
Role: Principal/Project Manager Cost: $150,000

d.

(1) TITLE AND LOCATION *(City and State)*
Plan El Paso Comprehensive Plan (Bicycle Plan)
El Paso, TX

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2011
CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
☒ Check if project performed with current firm

Street Plans took the lead on the bicycle atlas, digital engagement, and policy recommendations for El Paso's Comprehensive Plan. Street Plans proposed a vision for TOD areas, developed a citywide bicycle plan, as well as a SmartCode Bicycle Module.
Role: Principal/Project Manager Cost: $75,000

e.

(1) TITLE AND LOCATION *(City and State)*
Coral Gables Bicycle Study
Coral Gables, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2012
CONSTRUCTION *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
☒ Check if project performed with current firm

Study to identify short and long-term bicycle projects. The plan envisioned more than 27 miles of new or improved bikeways.
Role: Project Manager Cost: N/A

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*
RFQ 2017.05.YG

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME The Street Plans Collaborative		3. YEAR ESTABLISHED 2009	4. DUNS NUMBER
2b. STREET 221 Aragon Ave, Suite 204		5. OWNERSHIP a. TYPE Corporation	
2c. CITY Coral Gables	2d. STATE FL	2e. ZIP CODE 33143	b. SMALL BUSINESS STATUS Yes
6a. POINT OF CONTACT NAME AND TITLE Tony Garcia, Principal		7. NAME OF FIRM *(If block 2a is a branch office)* n/a	
6b. TELEPHONE NUMBER	6c. E-MAIL ADDRESS tony@streetplans.org		

8a. FORMER FIRM NAME(S) *(If any)*	8b. YR. ESTABLISHED	8c. DUNS NUMBER
n/a	**n/a**	**n/a**

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	(2) BRANCH
06	Architect	1	
47	Planners: Urban/Regional	3	
48	Project Manager	2	
60	Transportation Engineers	1	
	Other Employees	1	
	Total		

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

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
P05	Bike Walk Miami Beach	1
P05	City of Miami Master Plan	1
P05	Plan El Paso	1
P05	Connecting El Paso	1
P05	Miami Health District Bicycle Pedestrian Plan	1
P05	University of Miami Pedestrian Safety Plan	1
P05	FHWA Context-Sensitive Street Design Plan and Technical Assistance	1
P05	Westminster, CO Bicycle Master Plan	1
P05	City of Miami Bike-Friendly Community	1
P05	Albuquerque, NM Rio Grande Boulevard	1

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	3
c. Total Work	3

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

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE	b. DATE 07/05/2017
c. NAME AND TITLE Tony Garcia	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
RAJ KRISHNASAMY, P.E.	**Principal Geotechnical Engineer**	a. TOTAL **30**	b. WITH CURRENT FIRM **17**

15. FIRM NAME AND LOCATION *(City and State)*

TIERRA SOUTH FLORIDA, INC., West Palm Beach, Florida

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BS Civil Engineering, Christian Brothers University, 1987 MS Civil Engineering, University of Memphis, 1996	Professional Engineer, Florida No. 53567

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Society of Highway Engineers, Past President, Florida Engineering Society, Past Treasurer; Geotechnical Material Engineering Council, Past Chairman

19. RELEVANT PROJECTS

a.

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

SR-997 (Krome Avenue) from SR-94/Kendall Drive to SR-90/SW 8 Street Miami-Dade County, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
On-going	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Mr. Krishnasamy is the principal in charge of the geotechnical engineering services for the project which consists of the realignment of Krome Avenue from SR 94 (Kendall Drive) to SR 90 (Tamiami Trail) in Miami, Florida. The project is approximately 5 miles long. The purpose of the study was to provide geotechnical input to the design team to assist in evaluation of the merits of the roadway improvements. Geotechnical recommendations included the discussion of various options such as surcharge, reinforced soil platform, geo-synthetic, demucking and soil mixing. TSF also provided geotechnical recommendations involving permanent cut/fill slopes, excavations, groundwater control, pavement design, and on site soil suitability. TSF is currently providing construction support services including evaluation of surcharge settlement.

b.

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

Homestead Air Reserve Park Sanitary Sewer Improvements, Miami, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Mr. Krishnasamy was the principal in charge of the geotechnical engineering study for the sanitary sewer improvements at the Homestead Air Reserve Park located at the southeast corner of SW 268th Street and SW 127th Avenue. The improvements include the construction of a sanitary sewer system consisting of gravity mains, a pump station, and a force main. Field work included Standard Penetration Test (SPT) borings Provided a summary of general soil and groundwater conditions. TSF also provided soil parameters to be utilized during design as well as geotechnical recommendations for utilities.

c.

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

Design-Build Rehabilitation of West Bridge and Bear Cut Bridge on Rickenbacker Causeway, Miami-Dade County, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Mr. Krishnasamy was the principal in charge of the geotechnical engineering study for the rehabilitation of West Bridge (Bridge No. 874541) and Bear Cut Bridge (Bridge No. 874544). As part of the project, Bear Cut Bridge will be widened on the north side to provide additional space for pedestrian and bicycle traffic. The project also included constructing French drains on the east and west sides of the bridge. Field work consisted of Standard Penetration Test (SPT) borings, Borehole Permeability (BHP) tests, and rock corings. Performed pile capacity analysis, prepared soil parameters and provided geotechnical engineering recommendations. Additionally, TSF performed studies to determine the length and pile capacity of the existing bridge (unknown foundation study).

d.

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

Pine Island Road Widening from SR 84 to Nova Drive Broward County, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Mr. Krishnasamy was the principal in charge of the geotechnical engineering study for the improvements to Pine Island Road from Nova Drive to SR-84 in Broward County, Florida. The project entails the widening and reconstruction from a 4-lane divided rural typical section to a 6-lane urban typical section, and construction of Mast Arms at Orange Grove Drive and Nova Drive. Field work included Standard Penetration Test (SPT) borings, Borehole Permeability (BHP) tests and collecting subgrade samples for Limerock Bearing Ratio (LBR) tests. Provided geotechnical recommendations for treatment of organic soils, embankment construction, temporary side slopes, pavement design, gravity wall, and on-site soil suitability.

e.

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

I-95 Express Lanes in Broward and Miami-Dade Counties (Design-Build) from the Golden Glades in Miami-Dade County to Broward Boulevard in Broward County, Broward and Miami-Dade Counties, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Mr. Krishnasamy was the principal in charge of the geotechnical engineering study for the project. existing roadway and a 4-story

	Project included the extension of the High Occupancy Toll Express lanes from northern Miami-Dade County north 13 miles to Fort Lauderdale. The project included installing Intelligent Transportation System components; modifying the Ives Dairy Road interchange; bridge widening at specific locations and installing new noise barrier walls at locations between Hollywood Boulevard and Taft Street. TSF performed geotechnical study for roadway widening, bridge widening, overhead signs, MSE walls, toll equipment gallantries and buildings. During construction TSF provided pile driving inspection and foundation certification. The project was completed on time and within budget

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
KUMAR VEDULA, P.E.	**Principal Geotechnical Engineer**	**21**	**12**

15. FIRM NAME AND LOCATION *(City and State)*

TIERRA SOUTH FLORIDA, INC., West Palm Beach, Florida

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Engineering, Andhra University, India, 1992 MS Civil Engineering, University of Memphis, 1995	Professional Engineer, Florida No. 54873

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Society of Civil Engineers, Past President

19. RELEVANT PROJECTS

a.

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

SR-997 (Krome Avenue) from SR-94/Kendall Drive to SR-90/SW 8 Street, Miami-Dade County, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
On-Going	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Mr. Vedula is the Senior Engineer for the geotechnical engineering services for the project which consists of the realignment of Krome Avenue from SR 94 (Kendall Drive) to SR 90 (Tamiami Trail) in Miami, Florida. The project is approximately 5 miles long. The improvements include the realignment of the existing roadway. The purpose of the study was to provide geotechnical input to the design team to assist in evaluation of the merits of the roadway improvements. Field work included auger borings and muck probes. Utilities, including a 30-inch force main and water main, which were to remain in place, were factored into geotechnical recommendations and proposed options. Geotechnical recommendations included the discussion of various options such as surcharge, reinforced soil platform, geo-synthetic, demucking and soil mixing. TSF also provided geotechnical recommendations involving permanent cut/fill slopes, excavations, groundwater control, pavement design, and on site soil suitability. TSF is currently providing construction support services including evaluation of surcharge settlement.

b.

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

I-75 Express Lanes Segment A/B from NW 170th Street to South of Miramar Parkway, Broward & Miami-Dade Counties, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
On-Going	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Mr. Vedula is Geotechnical Foundation Design Engineer of Record (GFDEOR) for the project. Performed a geotechnical study for the design and construction of Segments A&B of the I-75 Express Lanes Project which extend from just north of NW 170th Street in Miami-Dade County at milepost 3.485 to approximately 2,400 feet south of Miramar Parkway in Broward County at milepost 1.080, for a total distance of approximately 3.1 miles. The project also includes reconstruction, widening, and milling and resurfacing of the HEFT mainline from 1.45 miles south to 1.13 miles north of I-75 to accommodate the Express Lanes Median to Median Direct Connect between I-75 and the HEFT, as well as other interchange ramp connections. This corridor includes fourteen (14) bridge structures, several associated MSE Walls, about 20,000 linear feet of sound walls, Toll Gantries, CCTV poles, High Mast Light Poles, and Overhead Sign Structures. Provided pile design for bridges, and design parameters for sound walls, poles, and sign structures. Currently providing pile driving inspections and auger cast pile inspections for sound walls, and foundation certifications for bridges and sound walls.

c.

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

South Florida AET Phase 4, Broward and Miami-Dade Counties, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Mr. Vedula was the principal engineer for the geotechnical engineering study. The project is to install All Electronic Toll equipment facilities at Golden Glades Mainline Plaza and Dolphin Center Exit Ramp Plaza in Miami-Dade County, and at Hollywood Blvd and Griffin Road Interchange Ramp Plazas. Provided geotechnical engineering services for the roadway improvements which include widening of HFFT northbound ramp to Turnpike mainline, minor widening at outside shoulder and gore areas near the southern end of the project and at Griffin Road Ramp Plaza, a new SB-WB exit ramp at Hollywood Blvd, access driveways at the proposed Toll Equipment Structure (TES) locations, toll equipment gantries, toll equipment buildings, retaining walls, drainage improvements, overhead sign structures, and mast arms.

d.

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

Design-Build Rehabilitation of West Bridge and Bear Cut Bridge on Rickenbacker Causeway, Miami-Dade County, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Mr. Vedula was the principal engineer for the geotechnical engineering study for the rehabilitation of West Bridge (Bridge No. 874541) and Bear Cut Bridge (Bridge No. 874544). As part of the project, Bear Cut Bridge will be widened on the north side to provide additional space for pedestrian and bicycle traffic. The project also includes constructing French drains on the east and west sides of the bridge. Field work consisted of Standard Penetration Test (SPT) borings, Borehole Permeability (BHP) tests, and rock corings. Performed pile capacity analysis, prepared soil parameters and provided geotechnical engineering recommendations. Additionally,

	TSF performed studies to determine the length and pile capacity of the existing bridge (unknown foundation study).		
e.	(1) TITLE AND LOCATION *(City and State)* **District 4 Unknown Foundations Bridge Scour Evaluation** **FPID No.: 427334-1-72-01, Broward County, Florida**	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2015	CONSTRUCTION *(If applicable)*
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Mr. Vedula was the principal engineer for the geotechnical engineering services which consisted of estimating pile foundation embedment for 20 bridge structures. Bridges included Andrews Avenue over C-13 Canal Bridge, NE 23 Avenue over Rio Giraldo Canal, NE 26th Terrace over Rio De Sota, Laguna Terrace over Diane River, West Lake Drive over Estelle River, West Lake Drive over Diane River, West Lake Drive over Lucille River, Johnson Street over C-10 Canal, and Kings Highway over Belcher Canal amongst others.	☒ Check if project performed with current firm	

ARCHITECT ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER ***(If any)***

RFQ No.

PART II - GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME TIERRA SOUTH FLORIDA, INC.			3. YEAR ESTABLISHED 2003
4. DUNS NUMBER 829296222			
2b. STREET 2765 Vista Parkway, Suite 10			5. OWNERSHIP
2c. CITY West Palm Beach	2d. STATE FL	2e. ZIP CODE 33411	a. TYPE Corporation
6a. POINT OF CONTACT NAME AND TITLE Raj Krishnasamy, P.E., President/Principal Engineer			b. SMALL BUSINESS STATUS FDOT UCP DBE Florida Statewide OSD MBE
6b. TELEPHONE NUMBER (561) 687-8536	6c. E-MAIL ADDRESS Raj@TierraSF.com		7. NAME OF FIRM *(If block 2a is a branch office)* N/A

8a. FORMER FIRM NAME(S) *(If any)*	8b. YR. ESTABLISHED	8c. DUNS NUMBER
N/A	N/A	N/A

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
2	Administrative	6	6
8	CADD Technician	2	2
27	Foundation/Geotechnical Eng	5	5
58	Technician/Analyst	30	30
58	Technician/Inspector	6	6
	Total	49	49

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

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
S05	Soils and Geologic Studies; Foundations	6
T02	Testing and Inspection Services	6

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	6
b. Non-Federal Work	6
c. Total Work	6

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE	b. DATE July 9, 2017
c. NAME AND TITLE **Raj Krishnasamy, P.E., President/Principal Engineer**	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS OF EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Sagar Onta, P.E., PTOE	**Traffic Engineer and Calming**	16	<1

15. FIRM AND LOCATION *(City and State)*

Toole Design Group, LLC - Silver Spring, MD

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (*STATE AND DISCIPLINE*)
MS, Civil Engineering, Transportation, Purdue University: 2000 BS, Civil Engineering, Thammasat University: 1998	Professional Engineer: FL, AR, Manitoba, ON, OR, TN, WA Professional Traffic Operations Engineer

18. OTHER PROFESSIONAL QUALIFICATIONS (*Publications, Organizations, Training, Awards, etc.*)

Sagar Onta has professional experience in traffic operations, transportation engineering, and planning. He is a licensed Professional Traffic Operations Engineer with an in-depth understanding of traffic signals, roadway geometry and traffic simulations. He has worked on numerous traffic operational studies, signal timing plans, traffic impact studies, parking studies, roundabout design and operation plans, and long range transportation systems plans throughout his career. Sagar is well versed in traffic analysis software like Synchro, VISTRO, VISSIM, HCS, etc., as well as CADD design software.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Young Circle Feasibility Study, Hollywood, FL	2017	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — x Check if project performed with current firm

Sagar conducted two design charrettes that focused on transforming Young Circle in Hollywood by incorporating Complete Streets and multimodal access principals. It connected downtown Hollywood to the Arts Park in the center of the circle by converting the existing three-lane, one-way circle to two-way circle with four single-lane roundabouts without traffic signals. Another role of the charrette was to identify the preferred concept, refining the concept that included conducting traffic analysis, and preparing renderings to illustrate the concept. Budget: $50K

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Local Road Master Plan, Davie, FL	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — ☐ Check if project performed with current firm

As Project Manager, Sagar led the development of the Town of Davie's Local Road Master Plan. The plan identified 86 transportation projects with the engineering cost-estimate to accommodate the 20-year future growth of the Town. The project evaluated the existing and future transportation issues faced by the community to accommodate economic and population growth, and developed a list of short-, mid-, and long-term projects. The project required managing transportation analysts, collection of traffic and crash data, and preparation of a final report with illustrative figures in GIS format. Sagar prepared three public outreach workshops and secured approval of the master plan from the Town Council through public presentations and meetings with individual council members. Budget: N/A

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Multimodal Mobility Study for Metro, Nashville, TN	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Sagar served as Project Manager and prepared the Multimodal Mobility Study for Metro Nashville that evaluated the multimodal impact of anticipated 10 year growth in downtown Nashville. The project required preparing several technical memoranda on budget and schedule. Sagar prepared a traffic model of downtown Nashville with over 100 signalized intersections using VISTRO software. In addition, a Complete Streets level-of-service (LOS) analysis was conducted to identify pedestrian and bicycle deficiencies. A conceptual design of several downtown streets, using the "Complete Streets" principal, was prepared for the Metro Government to implement. Budget: N/A

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Review PD&E Reports for FDOT, Florida	N/A	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — ☐ Check if project performed with current firm

Sagar evaluated traffic operational analysis section of Project Development and Environment (PD&E) reports on behalf of the Florida Department of Transportation (FDOT), prepared by various consultants and development teams that assessed the impact of new residential, commercial, industrial, and office developments on the existing infrastructure. The evaluation included analysis of SYNCHRO, CORSIM, Traffix, HCS and other operational analysis data, methodology, and results. He assisted FDOT in determining the mitigation package and transportation impact fee of the development. Budget: N/A

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS OF EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Nate Evans	**Complete Street, Mobility Solutions, Traffic Engineering, Calming**	22	1

15. FIRM AND LOCATION *(City and State)*

Toole Design Group, LLC - Silver Spring, MD

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (*STATE AND DISCIPLINE*)
BA, Geography, Frostburg State University: 1994	

18. OTHER PROFESSIONAL QUALIFICATIONS (*Publications, Organizations, Training, Awards, etc.*)

Nate Evans is a planner and engineer focused on pedestrian, bicycle, and Americans with Disabilities Act (ADA) access. Combining his experience as a planner, engineer, and community advocate, Nate brings a unique approach to project development by meeting local needs with aesthetic improvements and sustainable transportation options. Nate is experienced in concept development, project planning, public involvement, final design, maintenance planning, and construction monitoring. His skills include land planning, urban design, erosion control, stormwater management design, stakeholder outreach, marketing strategies, and public speaking.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2030 Bicycle Master Plan, Baltimore, MD	N/A	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☐ Check if project performed with current firm

Nate was the Project Manager responsible for the City's first Bike Master Plan update. This Plan establishes new goals and direction for the City to become more bicycle-friendly, with more innovative facilities and programs citywide. Nate initiated an aggressive community engagement process combining an online survey and community meetings with his knowledge of cycling conditions across the City to produce the viable vision of biking in Baltimore over the next 15 years. Budget: N/A

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Healthy Lifestyles Complete Streets and Active Transportation Plan, Warrenton, VA	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE x Check if project performed with current firm

Nate is part of multi-disciplinary team of planners and engineers assisting the Town of Warrenton with active transportation and Complete Streets recommendations. The recommendations will be incorporated into the Town's Comprehensive Master Plan. Nate is responsible for providing guidance on how to best plan future roadway improvements to accommodate all modes of travel including pedestrian, transit, bicycle, motor vehicle, and freight. Nate is applying innovative street treatments to create a unique pedestrian experience to improve safety and economic development. Budget: $95K

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
Baltimore Citywide Green Network Plan, Baltimore, MD	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE x Check if project performed with current firm

Nate is part of a multi-disciplinary team of planners, engineers, and landscape architects to establish a green network for the City of Baltimore. The green network will utilize established natural landscaped areas and trails to identify potential areas and corridors for improvements in habitat restoration, stormwater management and low stress traffic. Nate's geographic knowledge of the City of Baltimore enabled the team to recognize little-known areas of the City for trail and habitat restoration opportunities. Budget: $17K

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
SCDOT Transportation Alternatives On-Call: Brushy Creek Greenway, Easley, SC	Ongoing	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE x Check if project performed with current firm

Nate serves as Project Manager and is providing design services and project coordination with the prime consultant and client. As part of a multi-disciplinary team, TDG is leading a multi-use path design and development for the project, which is located within the City of Easley between JB Red Owens Park and Pearson Drive. The project will establish much needed connectivity through the implementation of 1,000 linear feet of new asphalt trail and boardwalk facilities. Budget: $18K

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS OF EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Oscar Garcia	**Roadway Designer**	15	2

15. FIRM AND LOCATION *(City and State)*

Toole Design Group, LLC - Silver Spring, MD

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (*STATE AND DISCIPLINE*)
ME, University of Florida: 2002 BS, Civil Engineering, Pontificia Universidad Javeriana, Colombia: 1999	

18. OTHER PROFESSIONAL QUALIFICATIONS (*Publications, Organizations, Training, Awards, etc.*)

Oscar Garcia is a civil engineer with 15 years of experience in roadway, bicycle, and pedestrian facility design. He has experience in the application of civil engineering principles for roadway designs, maintenance of traffic, drainage, and analysis of safety and other construction issues related to highway projects, including the preparation of engineering documents such as cost estimates and construction drawings.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
a.	**City of Easley - Brushy Creek Greenway, Florence, SC**	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	x Check if project performed with current firm	
	Oscar is involved in the preparation of plans and geometric design for this existing trail. Oscar is assisting in the evaluation of the existing conditions and the Inroads modeling to develop plan, profiles, and cross sections for the upgrades to the existing trail. Budget: $18K		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
b.	**Florence Park Avenue Corridor, Florence, SC**	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	x Check if project performed with current firm	
	Oscar is involved in the preparation of plans and geometric design of the proposed sidewalk and traffic calming measures for a segment of Park Avenue and Cedar Street in the City of Florence. Oscar is providing assistance with Inroads modeling to develop plan, profiles, and cross sections for the upgrades to this corridor. Budget: $30K		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
c.	**East Riverdale- Beacon Heights Sector Plan, Riverdale Park, MD**	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	x Check if project performed with current firm	
	Oscar is providing assistance on the analysis of the existing conditions and the current improvement plans for MD 410 and MD 201 roadways to determine if conditions meet the Maryland State Highway Administration (MDSHA) criteria and satisfy the future pedestrian demands due the construction of the Purple Line stations in the vicinity of these corridors. Budget: $179K		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
d.	**Mount Vernon Existing Conditions, Alexandria, VA**	2015	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	x Check if project performed with current firm	
	Oscar was responsible for the design of the pavement markings and signing of an on-street bicycle facility in the City of Alexandria. He participated in the development of different concepts up to the final design that met client requirements. Budget: $4K		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
e.	**Rehabilitation of Columbus Plaza, Washington, DC**	2011	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	☐ Check if project performed with current firm	
	Oscar was responsible for the design of alignments, grading, pavement marking, and signing, as well as the maintenance of traffic for the streets adjacent to Columbus Plaza and Union Station. Budget: N/A		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS OF EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Mike Loe, RLA	**Landscape Architect**	23	2

15. FIRM AND LOCATION *(City and State)*

Toole Design Group, LLC - Silver Spring, MD

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (*STATE AND DISCIPLINE*)
BLA, North Dakota State University: 1995 BS, Environmental Design, North Dakota State University: 1994	Registered Landscape Architect: MD, MT, OR

18. OTHER PROFESSIONAL QUALIFICATIONS (*Publications, Organizations, Training, Awards, etc.*)

Mike Loe has over 20 years of experience in planning, landscape architecture, and urban design projects. His work experience encompasses a wide range of scales and project types including campus planning, community parks, athletic fields, trail development, sustainable streetscapes, and park master plans throughout the country. He brings his passion for sustainable design and active transportation to each design he is involved with. Mike has extensive knowledge and experience integrating challenging code and budget requirements with a creative and sustainable design solution.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
a.	**Sarasota Parks, Preserves, and Recreation Master Plan, Sarasota County, FL**	Ongoing	n/a
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — x Check if project performed with current firm		
	As part of a diverse design team, Mike is helping coordinate a new master plan for Sarasota Parks and Recreation Department. This project includes public meetings, planning, and development of a complete master plan that will guide the parks and recreation departments decisions for years to come. Budget: $77K		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
b.	**Port Covington Development, Baltimore, MD**	Ongoing	n/a
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — x Check if project performed with current firm		
	Mike is Landscape Architect lead for TDG on a multidisciplinary design team for a nearly 200-acre brownfield redevelopment project on an old industrial waterfront site in South Baltimore. TDG has been charged with creating the premier multimodal transportation system in North America. This includes developing a site-wide bicycle network using best practices from the U.S. and abroad, such as separated bike lanes, protected intersections, multiuse trails, and extensive use of low impact design strategies. Mike is assisting the TDG Team with developing concepts for enhanced transit service to the site, including new transit routes, an extension of Baltimore's light rail system, a new circulator, and bike share. Budget: $490K		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
c.	**Chamber Avenue Final Design, Capitol Heights, MD**	Ongoing	n/a
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — x Check if project performed with current firm		
	Mike is leading the landscape design of a community park and bio-retention facility along the newly constructed Chamber Avenue. The new park will treat stormwater from Chamber Avenue while also creating a nature path and seating areas for the neighborhood. The park will improve water quality and create a habitat in Capital Heights. Budget: $355K		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
d.	**Alger Park and Dix Street Green Infrastructure, Washington, DC**	Ongoing	n/a
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — x Check if project performed with current firm		
	Mike is the Project Manager of a stormwater retention project for DDOT. This project includes the design and construction of 43 stormwater facilities, including bio-retention areas, permeable pavers and green infrastructure. The goal of this project is retain 1.2 inches of runoff from the existing right of way. Budget: $562K		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS OF EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Megan McCarty	**Roadway Designer**	6	2

15. FIRM AND LOCATION *(City and State)*

Toole Design Group, LLC - Silver Spring, MD

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (*STATE AND DISCIPLINE*)
BS, Civil Engineering, University of Central Florida: 2010	Engineer in Training: FL

18. OTHER PROFESSIONAL QUALIFICATIONS (*Publications, Organizations, Training, Awards, etc.*)

Megan McCarty has a background in bicycle and trail outreach and advocacy. Understanding the complexities of effective wayfinding signage, Megan has been involved at every level of project development from initial planning to final design and construction management. Megan has managed construction of both trail and on-road wayfinding signage projects, and has been involved in the design and decision-making for several urban and rural wayfinding systems around the country. She has extensive experience designing Manual on Uniform Traffic Control Devices (MUTCD)-standard sign systems and has worked with communities to incorporate branding elements into standard signage. Megan approaches challenging conditions from all angles to both apply best practices and develop innovative solutions where necessary.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
a.	**North Lynn Street Esplanade, Arlington, VA**	2015	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	x Check if project performed with current firm	
	Megan calculated signage and marking quantities for final design and all maintenance of traffic phases for this three-block renovation. She is also managing the cost estimate, specifications reference table, and bid form for the North Lynn Street construction plans. $1.7M		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
b.	**2017 AASHTO *Guide for the Development of Bicycle Facilities***	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	x Check if project performed with current firm	
	Megan is leading the research and development of a new chapter on Wayfinding in the 2018 update to the Guide. Her research includes extensive review of National Best Practices and guidance from the MUTCD, FHWA, local and state DOTs and the NACTO *Urban Bikeway Design Guide*. Budget: $400K		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
c.	**Atlanta Beltline Signage and Wayfinding Master Plan, Atlanta, GA**	2016	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	x Check if project performed with current firm	
	Megan developed a comprehensive wayfinding signage plan for all users of the Atlanta Beltline. The project provides general wayfinding sign placement guidance and will include a full application of that guidance to the Eastside segment of the trail with specific sign types, destinations, and placements. Budget: $42K		
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
d.	**Monticello Avenue Bike Lanes and Pedestrian Improvements, Charlottesville, VA**	2014	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	x Check if project performed with current firm	
	Megan worked on a phased approach for the design of approximately 1.5 miles of Monticello Avenue, including installation of bicycle lane markings, crosswalk markings, and bicycle traffic signage -- regulatory, warning, and wayfinding. The first phase of design included signing and marking that translate into the second phase of design with re-construction of curbs and gutters. Megan also completed a traffic analysis and made signal phasing and equipment recommendations for four intersections along the corridor. Budget: $31K		

ARCHITECT–ENGINEER QUALIFICATIONS	1. SOLICITATION NUMBER (If Any) 2017.05.YG

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME			3. YEAR ESTABLISHED	4. DUNS NUMBER
Toole Design Group, LLC - Silver Spring			2003	133507090
2b. STREET			5. OWNERSHIP	
8484 Georgia Avenue, Suite 800			a. TYPE	
2c. CITY	2d. STATE	2e. ZIP CODE	Limited Liability Company	
Silver Spring	MD	20910	b. SMALL BUSINESS STATUS	
6a. POINT OF CONTACT NAME AND TITLE			Woman Owned Business	
Jennifer L. Toole, AICP, ASLA, President			7. NAME OF FIRM *(If block 2a is branch office)*	
6b. TELEPHONE NUMBER	6c. E-MAIL ADDRESS			
301.927.1900	jtoole@tooledesign.com			
8a. FORMER FIRM NAME(S) (If any)			8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL REVENUE FOR LAST 5 YEARS		
a. Function Code (see below)	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH	a. Profile Code	b. Discipline	c. Revenue Index Number *(see below)*
02	Administrative	18		C08	Codes, Standards; Ordinances	2
29	GIS Specialist	1		C18	Cost Estimating; Cost Engineering and Analysis	1
39	Landscape Architect/CADD	10		E09	Environmental Impact Studies, Assessments of Statements	2
48	Project Manager/Planner or Engineer	20		L03	Landscape Architecture	3
60	Transportation Engineers	34		P05	Planning (Community, Regional, Areawide, State)	5
47	Planner: Urban/Regional	36		P06	Planning (Site, Installation and Project)	4
	Other: Principal-in-Charge	1		R04	Recreation Facilities	1
				T03	Traffic and Transportation Engineering	5
	Total	**120**				

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS *(Insert revenue index number shown at right)*		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
		1. Less than $100,000	6. $2 million to less than $5 million
		2. $100,00 to less than $250,000	7. $5 million to less than $10 million
a. Federal Work	2	3. $250,000 to less than $500,000	8. $10 million to less than $25 million
b. Non-Federal Work	7	4. $500,000 to less than $1 million	9. $25 million to less than $50 million
c. Total Work	7	5. $1 million to less than $2 million	10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE	32. DATE
Jennifer Toole	03/15/2017

33. NAME AND TITLE

Jennifer L. Toole, AICP, ASLA, President

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Jim Corbett, CAPP	Smart Parking Task Leader	24	2

15. FIRM NAME AND LOCATION *(City and State)*

Walker Parking Consultant/Engineers, Inc., Tampa, Florida

16. EDUCATION *(Degree and Specialization)*	17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*
Bachelor of Arts, Business Psychology, Miami University, Oxford, OH	Certified Administrator of Public Parking (CAPP)

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Florida Parking Association – Immediate Past President; International Parking Institute, Green Parking Council - Green Garage Certification Workshop; US Department of Homeland Security, Emergency Management Institute - Certified FEMA Incident Command System: 100, 200 and 700 level

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Broward County Convention Center Expansion Study Fort Lauderdale, FL	2016	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Parking Consultant on the team that conducted a parking supply/demand study, projected future parking demand, and, evaluated alternatives to mitigate a 1,000 space reduction of on-site parking as a result of the partial demolition of the Northport parking garage.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
City of Dunedin Parking Management Study Dunedin, FL	2016	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Parking Consultant on the team conducting a parking supply/demand study of the on and off-street parking in Downtown Dunedin and development of a paid parking action plan.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
City of Fort Pierce Parking Management Study Fort Pierce, FL	2016	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Parking Consultant on the team that conducted a parking supply/demand study in Downtown and at the beach in Fort Pierce, evaluated alternative to improve the availability of parking in these areas, provided recommendations to introduce on-street parking time limits in Downtown to encourage use of off-street parking, and, evaluated a financial feasibility of constructing a parking structure adjacent to the beach.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
City of Tampa Multi-Space Parking Meter Installation Tampa, FL	2012	2012

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

As the City of Tampa Parking Division Manager, Jim oversaw the conversion of Tampa's on street parking system from single-spaced, coin only meters to multi-spaced pay stations with credit card acceptance. Achieved a 2.5-year return on the City's capital investment while increasing annual on street revenues by 30%.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
City of Tampa Virtual Parking Permit Software Mgmt. Tampa, FL	2011	2011

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

As the City of Tampa Parking Division Manager, Jim was responsible for initiating the City of Tampa's first virtual parking permit and software management solution. Using the vehicle license plate as the permit credential, the solution allowed the consumer to manage their own parking account through the integration effort of permit and license plate recognition vendors.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Jon Martins, AICP, CAPP	Smart Parking	37	14

15. FIRM NAME AND LOCATION *(City and State)*

Walker Parking Consultant/Engineers, Inc., Indianapolis, Indiana

16. EDUCATION *(Degree and Specialization)*	17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*
Bachelor of Science, Organizational Leadership and Supervision, Purdue University	American Institute of Certified Planners (AICP) Certified Administrator of Public Parking (CAPP)

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

"Mensa Meters" The Parking Professional, May 2103 (co-authored)
"Parking: More Customers, Less Cost" The Parking Professional, March 2013 (co-authored)

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
City of Miami Beach Parking Study Update Miami Beach, FL	2015	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project Manager led a supply/demand study of the City's on and off-street parking assets. Study was conducted in phases covering South Beach, North Beach and Mid-Beach over a three year period.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
City of Cocoa Beach Downtown Parking Study Cocoa Beach, FL	2015	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project Manager led a supply/demand study of the City's on and off-street parking assets in the Downtown business district.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Riviera Beach Marina District Riviera Beach, FL	2014	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project Manager led a supply/demand study of the proposed Marina District project which would create a new mixed-use entertainment district along the waterfront adjacent to the Port of Palm Beach.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Sarasota City Wide Parking Study Sarasota, FL	2013	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project Manager led a parking supply/demand study of the on and off-street parking in Downtown Sarasota, the Marina District and St Armands to assist the City address various parking challenges across the City.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Dunedin Parking Management Study Dunedin, FL	Ongoing	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Project Manager leading a parking supply/demand study of the on and off-street parking in Downtown Dunedin and development of a paid parking action plan.

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*
RFQ 2017.05.YG

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME
Walker Parking Consultants/Engineers, Inc.

3. YEAR ESTABLISHED
1965

4. DUNS NUMBER
170993646

2b. STREET
4904 Eisenhower Boulevard, Suite 150

2c. CITY
Tampa

2d. STATE
FL

2e. ZIP CODE
33634

5. OWNERSHIP

a. TYPE
Private

b. SMALL BUSINESS STATUS
No

6a. POINT OF CONTACT NAME AND TITLE
Gary S. Rider, PE, Vice President / Managing Principal

6b. TELEPHONE NUMBER
813.888.5800 x1523

6c. E-MAIL ADDRESS
gary.rider@walkerparking.com

7. NAME OF FIRM *(If block 2a is a branch office)*
Walker Parking Consultants/Engineers, Inc

8a. FORMER FIRM NAME(S) *(If any)*

8b. YR. ESTABLISHED

8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	(2) BRANCH
02	Administrative	54	2
06	Architects	11	0
08	CADD Technician	43	2
12	Civil Engineers	22	2
14	Computer Programmer	3	0
15	Construction Inspectors	1	0
21	Electrical Engineers	7	0
47	Planners: Urban / Regional	19	0
48	Project Manager	32	4
57	Structural Engineers	70	3
58	Technician/Analyst	20	1
60	Transportation Engineers	2	0
	Other Employees	0	0
	Total	284	14

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

a. Profile Code	b. Experience	c. Revenue Index Number *(see below)*
G01	Garages; Vehicle Maintenance Facilities;	9
P05	Planning (Community; Regional; Area wide &	8
R06	Rehabilitation (Buildings; Structures;	8

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

(Insert revenue index number shown at right)

a. Federal Work	5
b. Non-Federal Work	9
c. Total Work	9

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE
Gary S. Rider

b. DATE
July 5, 2017

c. NAME AND TITLE
Gary S. Rider, PE, Vice President / Managing Principal

Minimum Requirements	
(A) PROPOSER SHALL: (1) Be regularly engaged in the business of providing the goods and/or services similar in scope and size as described in the Request for Qualifications "Scope of Services" for a minimum of five (5) years, as evidenced in Standard Form 330 Architect-Engineer Qualifications. In addition, Proposer shall provide proof of active status or documentation evidencing Proposer is currently seeking active status with the Florida Department of State, Division of Corporation.	✓
(A) PROPOSER SHALL: (2) Be licensed, registered and practicing in the State of Florida as an engineering firm, with a valid "Certificate of Authorization" pursuant to Section 471.023, Florida Statute.	✓
(B) KEY PERSONNEL (1) The Proposer's Project Manager must be a licensed Professional Engineer in the State of Florida, with a minimum of five (5) years of documented experience as a Professional Engineer. Experience must include services similar in scope provided to government agencies at the municipal/local government level or higher.	✓
(B) KEY PERSONNEL (2) The Proposer's Engineers must have a minimum of two (2) years of documented experience. Experience must include services similar in scope provided to government agencies at the municipal/local government level or higher.	✓
(B) KEY PERSONNEL (3) The years of experience for the key personnel listed above may be a combination of in-state and out-of-state experience. Nonetheless, the Project Manager's years of experience must include at least two (2) years of engineering experience as a Professional Engineer in the State of Florida.	✓

Minimum Qualification Requirements are met in Section 1, Section 2: Proposer's Qualifications, Section 3: Staffing Plan, and Section 4: Project Control Experience.

2.1 COMPANY BACKGROUND AND HISTORY

Lochner was founded in 1944 and is a pioneer in the field of transportation, planning and design. Lochner is passionate about developing "Transportation Solutions that Improve Communities"...for the people. Lochner is a full-service, multidiscipline firm with more than 550 professionals who collaborate to deliver all modes of innovative, creative, state-of-the-art, cost-effective transportation solutions in transportation planning, traffic engineering, roadway design, rail and transit, structures, environmental, aviation, construction, and alternative delivery. With more than 30 offices across the United States, our clients benefit from committed professionals with local knowledge and national expertise. This contract will be managed from our Doral, Florida office located at 8750 NW 36th Street, Doral, Florida 33178.

We are driven to develop custom transportation infrastructure solutions by collaborating with public and private industry clients to plan, evaluate, design, and implement approaches that maximize budgets, expedite schedules, extend asset life spans, and provide efficiencies through impact and maintenance reductions.

Since the early 1970s in Florida, we have been successfully providing quality transportation engineering services for our statewide and local clients, including (but not limited to) the City of Miami, City of South Miami, City of Sunny Isles Beach, Weststhore Alliance, and the Florida Department of Transportation. The knowledge and experience we have gained makes us uniquely qualified to provide these services to the City of Coral Gables.

Lochner planners, environmental specialists, designers, engineers, inspectors, and project managers are team-oriented, problem solvers, and innovators. Throughout project delivery, Lochner is committed to collaborating with clients, stakeholders, and community members. We value clear communication and seek to build lasting partnerships.

As employee-owners, we take pride in the work we do and the trust and respect that we continue to maintain within the transportation consulting industry. Our clients trust us to remain focused and committed to helping them achieve their project goals.

We specialize in providing full -service engineering and planning services wholly related to transportation facilities and offer a team of professionals to efficiently deliver any project in size and scope typical of this contract. We are prequalified by the Florida Department of Transportation (FDOT) in Project Development and Environment (PD&E) Studies; minor, major and complex highway design; minor and major bridge design; bridge inspection, including conventional, movable, complex and bridge load rating; traffic engineering and operations studies, including traffic engineering studies, and traffic signal timing and Intelligent Transportation Systems (ITS) analysis, design and implementation; traffic operations design including signing, pavement marking and channelization, lighting and signalization; Construction Engineering Inspection (CEI), including roadway construction, bridge construction and construction materials; engineering contract administration and management; and planning, including policy planning, systems planning, subarea/corridor planning, land planning/ engineering, and transportation statistics.

Lochner is:

Client Focused

We understand when a client selects Lochner for a project, they trust us to deliver on our commitments and provide value through timely, high-quality service. Our collaborative approach means we are attentive to challenges clients often face in the delivery of a project. We build lasting partnerships with our clients, resulting in repeat opportunities for collaboration.

Performance Driven

We are driven by a passion for turning transportation infrastructure challenges into opportunities for innovation, added value, and impact mitigation. With clients and users in mind, we develop customized solutions to improve safety and enhance the everyday lives of motorists, pedestrians, cyclists, and transit users. Lochner fosters a culture of delivering high-quality work, on-time, and on-budget. Our people bring an internal commitment to this, reinforcing both the firm's culture and our overall dedication to strengthening the communities we serve.

Employee Owned

At Lochner we take pride in our work and our firm. As employee owners our commitment is seen in our drive to exceed

client expectations, deliver high-quality work, use cutting-edge technologies, and maintain a team-oriented, inclusive culture. Clients benefit from the strength of relationship, collaboration, and performance that employee-owners bring to projects.

Experience with local Municipalities and Miami-Dade

Lochner key staff has successfully completed projects for numerous municipalities throughout the South Florida Tri-County area including the Treasure Coast. We have served multiple governmental agencies, understand the keys to success for these types of contracts and are accustomed to working within tight budgets and schedules. We have experience working with regulatory agencies and will comply with all laws and regulations. The list below features our public client list our key staff have performed similar services to those requested in the City's RFQ:

- Florida's Department of Transportation (FDOT)
- Miami-Dade County TPO
- Broward MPO
- Palm Beach MPO
- Martin County MPO
- St. Lucie County MPO
- City of Miami
- City of South Miami
- Town of Miami Lakes
- City of Sunny Isles Beach
- Village of Miami Shores
- Town of Cutler Bay
- City of North Miami Beach
- City of Doral
- Village of Palmetto Bay
- City of Miami Beach
- City of Homestead
- City of West Park
- City of Weston
- City of Aventura
- City of Fort Lauderdale
- City of Green Acres
- City of North Lauderdale
- SFRTA

Institutions on all levels have entrusted Lochner staff with providing quality service, as well as, innovative solutions for solving complex design issues.

Local Availability of Personnel

Key personnel assigned to this project will be available to perform the work in a timely and responsible manner. Lochner utilizes a staff planning schedule through our Deltek Vision software based on projected workloads to ensure our clients' desires are met and we are able to safeguard our reputation for completing projects on-time. This software allows Lochner to:

- Make informed decisions to keep projects on time and on budget
- Ensure the right people are on the right projects at the right time
- Automate scheduling, resource allocation, budgeting and forecasting
- Input timesheet entries and expense reporting into the project plan for an accurate rolling forecast

Many organizations have difficulty defining staffing requirements, but Lochner's technology has enabled our organization to preserve consistent staffing numbers to respond to our client's needs and requests. This method of staffing has allowed Lochner to determine the number of productive hours for each staff member, calculate the number of hours

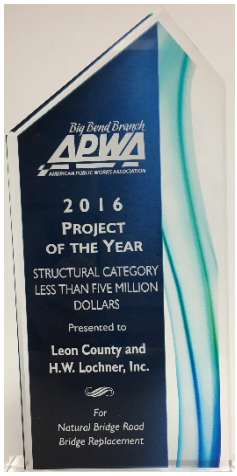
required to address projected workloads and establish the optimal number of staff required to complete each project; which improves the overall efficiency of our operations.

The project schedule and documents are stored in Lochner's ProjectWise file sharing "cloud based" system for 24/7 accessibility for the City's Project Manager, which is utilized to verify if documents are completed and where they stand for each task work order.

Recognition

Lochner has been recognized for its planning and design excellence. The projects shown below represent just a few of projects Lochner 's recent award-winning projects:

- **2017 Florida Department of Transportation (FDOT) – District Six "Prudential Productivity Award"** for the Biscayne Boulevard Pedestrian Crosswalk and Safety Project.
- **2014 FICE/FDOT Outstanding Special Project Award for the US 41, 10th Street to 14th Street Complete Streets Project** in Sarasota, Florida, which involved replacement of two US 41 intersections with roundabouts, narrowing travel lanes, adding bike lanes, and lowering design speed to calm traffic. In addition, context-sensitive design features (improvement of transit, bicycle, and pedestrian facilities) were included.
- **2014 Federal Highway Administration Environmental Excellence Award for the US 41, 10th Street to 14th Street Complete Streets Project** in Sarasota, Florida, which have an effect on multiple cultural and historic resources, including two National Register of Historic Places (NRHP)-listed resources: the Municipal Auditorium and the Central-Cocoanut Historic District.
- **2016 Public Works Project of the Year at the American Public Works Association (APWA) for the Natural Bridge Road and SR 20 Bridge Replacement** in Leon County, Florida. The project involved replacement of a structurally deficient bridge, originally built in 1938, designated as a State Historic Site. The Lochner team's new design gave the new structure the appearance of an old wooden bridge and overcame adverse environmental conditions, while preserving an important geological, ecological, and historic site.



- **2016 WSDOT Environmental Director's Award for the I-5 JBLM Vicinity Congestion Relief Project**. This three phased project included Lochner completing a corridor planning study to develop the ultimate I-5 mainline footprint, a multimodal alternatives analysis that developed and analyzed long-term improvement options for the I-5 mainline and the four interchanges, as well as an in-depth analysis of improvement alternatives off the I-5 mainline and preparation of the environmental documents to identify the project footprint in sufficient detail to determine right of way impacts and the area of potential effect.
- **2015 American Concrete Pavement (ACPA) Excellence in Concrete Pavement Award for the Reliever & General Aviation Airport** in Sedalia, MO. This National award recognized Lochner who provided design engineering and CEI services and a project that yielded the best pavements in airports, highways, and street and road applications.

PROFESSIONAL LICENSES AND CERTIFICATIONS

State of Florida
Department of State

I certify from the records of this office that H.W. LOCHNER INC is a Wisconsin corporation authorized to transact business in the State of Florida, qualified on November 21, 1972.

The document number of this corporation is 829045.

I further certify that said corporation has paid all fees due this office through December 31, 2017, that its most recent annual report/uniform business report was filed on January 4, 2017, 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 Fourth day of January, 2017

Secretary of State

Tracking Number: CC4392106565

To authenticate this certificate,visit the following site,enter this number, and then follow the instructions displayed.

https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication

Florida Board of Professional Engineers
2639 North Monroe Street, Suite B-112
Tallahassee, FL 32303-5268

H W Lochner, Inc
4350 W. CYPRESS ST. STE. 800
TAMPA, FL 33607

Each licensee is solely responsible for notifying the Florida Board of Professional Engineers in writing the licensee's current address.

Name changes require legal documentation showing name change. An original, a certified copy, or a duplicate of an original or certified copy of a document which shows the legal name change will be accepted unless there is a question about the authenticity of the document raised on its face, or because the genuineness of the document is uncertain, or because of another matter related to the application.

At least 90 days prior to the expiration date shown on this license, a notice of renewal will be sent to your last known address. If you have not yet received your notice 60 days prior to the expiration date, please call (850) 521-0500, or write, Florida Board of Professional Engineers, 2639 North Monroe Street, Suite B-112,Tallahassee, FL 32303-5268 or e-mail: board@fbpe.org. Our website address is http://www.fbpe.org.

State of Florida

Board of Professional Engineers

Attests that

H W Lochner, 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: 228201905013 R

CA Lic. No:
894

012531

Local Business Tax Receipt

Miami–Dade County, State of Florida

–THIS IS NOT A BILL – DO NOT PAY

LBT

6907183

BUSINESS NAME/LOCATION
MOJENA EDWIN F PE
8750 NW 36 ST #360
DORAL FL 33178

RECEIPT NO.
RENEWAL
7183072

EXPIRES
SEPTEMBER 30, 2017
Must be displayed at place of business
Pursuant to County Code
Chapter 8A – Art. 9 & 10

OWNER
MOJENA EDWIN F PE

SEC. TYPE OF BUSINESS
212 PROFESSIONAL
PE62002

PAYMENT RECEIVED BY TAX COLLECTOR
$60.00 07/12/2016
CREDITCARD–16–039194

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles – Miami–Dade Code Sec 8a–276.

For more information, visit www.miamidade.gov/taxcollector

2016-17

012530

Local Business Tax Receipt

Miami–Dade County, State of Florida

–THIS IS NOT A BILL – DO NOT PAY

LBT

6907175

BUSINESS NAME/LOCATION
H W LOCHNER INC
8750 NW 36 ST #360
DORAL FL 33178

RECEIPT NO.
RENEWAL
7183064

EXPIRES
SEPTEMBER 30, 2017
Must be displayed at place of business
Pursuant to County Code
Chapter 8A – Art. 9 & 10

OWNER
H W LOCHNER INC

Employee(s) 12

SEC. TYPE OF BUSINESS
212 P.A./CORP/PARTNERSHIP/FIRM
EB894

PAYMENT RECEIVED BY TAX COLLECTOR
$54.00 07/12/2016
CREDITCARD–16–039194

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles – Miami–Dade Code Sec 8a–276.

For more information, visit www.miamidade.gov/taxcollector

2016-17

State of Florida

Board of Professional Engineers

Attests that

James Edward Spinks III, P.E.

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

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

Expiration: 2/28/2019

Audit No: 228201930426 R

P.E. Lic. No:
66775

Transportation Professional Certification Board Inc.

certifies that

James Edward Spinks III

has met all of the requirements established by the Certification Board to use the title of

PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

Unless withdrawn by the Certification Board, this certificate number 2530 issued in Washington, D.C. is subject to the provisions for renewal

November 24, 2008

Steven D. Hofener
Chair

PTOE
PROFESSIONAL TRAFFIC OPERATIONS ENGINEER
TRANSPORTATION PROFESSIONAL CERTIFICATION BOARD INC.

Executive Director

State of Florida
Board of Professional Engineers
2639 North Monroe Street, Suite B-112
Tallahassee, FL 32303-5268

Edwin F. Mojena
20121 NW 77 CT
MIAMI, FL 33015

NOTICE

FBPE no longer requires that continuing education be reported by the provider. Instead licensees will be subject to a random audit no more than every four (4) years. If you are selected for the random audit, you must provide verification of one (1) hour of Florida laws and rules, one (1) hour of professional ethics, four (4) hours of area of practice and twelve (12) hours in any topic pertaining to the practice of engineering, all taken prior to February 28, 2017. (See s. 471.017, Fl. Stat.) Any CE hours taken after February 28, 2017 will result in a $100 delinquent fee and your license being placed in a delinquent status until the additional fee is paid.

State of Florida

Board of Professional Engineers
Attests that
Edwin F. Mojena , P.E.

FBPE

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201924784
P.E. Lic. No: 62002

State of Florida

Board of Professional Engineers
Attests that
Edwin F. Mojena , P.E.

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201924784 R
P.E. Lic. No: 62002

State of Florida

Board of Professional Engineers

Attests that

Thomas W. Stoner , P.E.

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

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

Expiration: 2/28/2019

Audit No: 228201922623 R

P.E. Lic. No:
40251

4:29:28 PM 7/6/2017

Licensee Details

Licensee Information

Name:	**BOUCK, LARA-MAE M (Primary Name)**
Main Address:	**1300 DOVE DRIVE** **ORLANDO Florida 32803**
County:	**ORANGE**
License Mailing:	
LicenseLocation:	

License Information

License Type:	**Professional Engineer**
Rank:	**Prof Engineer**
License Number:	**70129**
Status:	**Current,Active**
Licensure Date:	**08/05/2009**
Expires:	**02/28/2019**

Special Qualifications	Qualification Effective
Civil	**12/05/2008**

Alternate Names

View Related License Information

View License Complaint

2601 Blair Stone Road, Tallahassee FL 32399 :: Email: **Customer Contact Center** :: Customer Contact Center: 850.487.1395

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This certificate hereby qualifies

Jason A. Green, AICP

as a member with all the benefits of a Certified Planner
and a commitment to the AICP Code of Ethics and Professional Conduct.

Certified Planner Number 024333

Paul Farmer, FAICP
Executive Director and CFO

Paul Ingham, AICP
President

The American Planning Association's
Professional Institute
American Institute of Certified Planners

Making Great Communities Happen

State of Florida

Board of Professional Engineers

Attests that

William Gregory Howell , P.E.

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

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

Expiration: 2/28/2019

Audit No: 228201922433 R

P.E. Lic. No:
37284

State of Florida
Board of Professional Engineers
2639 North Monroe Street, Suite B-112
Tallahassee, FL 32303-5268

Alejandro A. Jaureguy
15247 SW 146TH TERRACE
MIAMI, FL 33196

NOTICE

FBPE no longer requires that continuing education be reported by the provider. Instead licensees will be subject to a random audit no more than every four (4) years. If you are selected for the random audit, you must provide verification of one (1) hour of Florida laws and rules, one (1) hour of professional ethics, four (4) hours of area of practice and twelve (12) hours in any topic pertaining to the practice of engineering, all taken prior to February 28, 2017. (See s. 471.017, Fl. Stat.) Any CE hours taken after February 28, 2017 will result in a $100 delinquent fee and your license being placed in a delinquent status until the additional fee is paid.

State of Florida

Board of Professional Engineers
Attests that

Alejandro A. Jaureguy , P.E.

FBPE

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201914958
P.E. Lic. No: 73773

State of Florida

Board of Professional Engineers
Attests that

Alejandro A. Jaureguy , P.E.

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201914958 R
P.E. Lic. No: 73773

State of Florida
Board of Professional Engineers
2639 North Monroe Street, Suite B-112
Tallahassee, FL 32303-5268

Jorge A. Lopez
8912 W FLAGLER STREET #212
MIAMI, FL 33174

NOTICE

FBPE no longer requires that continuing education be reported by the provider. Instead licensees will be subject to a random audit no more than every four (4) years. If you are selected for the random audit, you must provide verification of one (1) hour of Florida laws and rules, one (1) hour of professional ethics, four (4) hours of area of practice and twelve (12) hours in any topic pertaining to the practice of engineering, all taken prior to February 28, 2017. (See s. 471.017, Fl. Stat.) Any CE hours taken after February 28, 2017 will result in a $100 delinquent fee and your license being placed in a delinquent status until the additional fee is paid.

State of Florida

Board of Professional Engineers
Attests that

Jorge A. Lopez , P.E.

FBPE

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019 **P.E. Lic. No:** 73797
Audit No: 228201931414

State of Florida

Board of Professional Engineers
Attests that

Jorge A. Lopez , P.E.

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019 **P.E. Lic. No:** 73797
Audit No: 228201931414 R

AICP

The American Institute of Certified Planners

The Professional Institute of the American Planning Association

hereby qualifies

Andrea D Petersen

as a member
with all the benefits
of a Certified Planner and
responsibility to the
AICP Code of Ethics
and Professional Conduct.

Certified Planner Number: **020603**

April 3, 2006

PRESIDENT

EXECUTIVE DIRECTOR

4:32:42 PM 7/6/2017

Licensee Details

Licensee Information

Name:	**SAMUS, JOSEPH N. (Primary Name)**
Main Address:	**10018 N. 52ND STREET** **TAMPA Florida 33617**
County:	**HILLSBOROUGH**
License Mailing:	
LicenseLocation:	

License Information

License Type:	**Professional Engineer**
Rank:	**Prof Engineer**
License Number:	**80489**
Status:	**Current,Active**
Licensure Date:	**01/01/2016**
Expires:	**02/28/2019**

Special Qualifications	Qualification Effective
Civil	**07/28/2015**

Alternate Names

View Related License Information

View License Complaint

2601 Blair Stone Road, Tallahassee FL 32399 :: Email: **Customer Contact Center** :: Customer Contact Center: 850.487.1395

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State of Florida

Board of Professional Engineers

Attests that

Manuel Arturo Sauleda , P.E.

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

Expiration: 2/28/2019

Audit No: 228201901923

P.E. Lic. No: 45988

NOTICE

FBPE no longer requires that continuing education be reported by the provider. Instead licensees will be subject to a random audit no more than every four (4) years. If you are selected for the random audit, you must provide verification of one (1) hour of Florida laws and rules, one (1) hour of professional ethics, four (4) hours of area of practice and twelve (12) hours in any topic pertaining to the practice of engineering, all taken prior to February 28, 2017. (See s. 471.017, Fl. Stat.) Any CE hours taken after February 28, 2017 will result in a $100 delinquent fee and your license being placed in a delinquent status until the additional fee is paid.

State of Florida

Board of Professional Engineers

Attests that

Manuel Arturo Sauleda , P.E.

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

Expiration: 2/28/2019

Audit No: 228201901923 R

P.E. Lic. No: 45988

4:30:03 PM 7/6/2017

Licensee Details

Licensee Information

Name:	**WEY, MATTHEW GREGORY (Primary Name)**
Main Address:	**710 S. DAVIS BLVD** **TAMPA Florida 33606**
County:	**HILLSBOROUGH**
License Mailing:	
LicenseLocation:	

License Information

License Type:	**Professional Engineer**
Rank:	**Prof Engineer**
License Number:	**59545**
Status:	**Current,Active**
Licensure Date:	**01/14/2003**
Expires:	**02/28/2019**

Special Qualifications **Qualification Effective**

Alternate Names

View Related License Information

View License Complaint

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4:27:30 PM 7/6/2017

Licensee Details

Licensee Information

Name:	**WOLCZYNSKI, MATTHEW J. (Primary Name)**
Main Address:	**3107 W. SAN PEDRO ST.** **TAMPA Florida 33629**
County:	**HILLSBOROUGH**
License Mailing:	
LicenseLocation:	

License Information

License Type:	**Professional Engineer**
Rank:	**Prof Engineer**
License Number:	**67768**
Status:	**Current,Active**
Licensure Date:	**03/10/2008**
Expires:	**02/28/2019**

Special Qualifications	Qualification Effective
Civil	**08/24/2007**

Alternate Names

View Related License Information

View License Complaint

2601 Blair Stone Road, Tallahassee FL 32399 :: Email: **Customer Contact Center** :: Customer Contact Center: 850.487.1395

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STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF ARCHITECTURE & INTERIOR DESIGN (850) 487-1395
2601 BLAIR STONE ROAD
TALLAHASSEE FL 32399-0783

SANCHEZ, ALFREDO C
4200 ALTON RD
MIAMI BEACH FL 33140

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto **www.myfloridalicense.com**. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION

AR0007968 ISSUED: 12/05/2016

ARCHITECT
SANCHEZ, ALFREDO C

IS LICENSED under the provisions of Ch.481 FS.
Expiration date : FEB 28, 2019 L1612050000892

DETACH HERE

RICK SCOTT, GOVERNOR KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF ARCHITECTURE & INTERIOR DESIGN

LICENSE NUMBER	
AR0007968	

The ARCHITECT
Named below IS LICENSED
Under the provisions of Chapter 481 FS.
Expiration date: FEB 28, 2019

SANCHEZ, ALFREDO C
4200 ALTON RD
MIAMI BEACH FL 33140

DISPLAY AS REQUIRED BY LAW SEQ # L1612050000892

The Department of Management Services' Office of Supplier Diversity "serves those who serve Florida."

The Office of Supplier Diversity provides resources designed to improve business and economic opportunities for Florida's woman-, veteran- and minority-owned businesses. Learn more about becoming a certified business enterprise at ***dms.myflorida.com/osd*** or call 850-487-0915.

To find out about State of Florida tools supporting statewide centralized procurement activities which have streamlined interactions between vendors and state government entities, please contact or visit the Department of Management Services' MyFloridaMarketPlace at: ***https://vendor.myfloridamarketplace.com***

AC# 01700984

SIGNATURE

(For the protection of our professional license holders, this license contains hidden security features to prevent counterfeiting. Unauthorized reproduction is strictly prohibited and will be prosecuted to the fullest extent of the law)

The Department of Business and Professional Regulation (DBPR), issues licenses for many licensed businesses and practitioners in the State of Florida.

DBPR is changing the way you interact with state government. Many of DBPR's services are available online at www.MyFloridaLicense.com. We encourage you to utilize these services to make address changes, licensing changes or to renew your license.

Name changes require legal documentation verifying the name change, which must be mailed to the DBPR. An original, a certified copy or a duplicate copy of an original or certified copy of a document that shows the legal name change will be accepted, unless the DBPR has a question about the authenticity of the document.

If applicable, the DBPR will send a renewal notice to your last known address or email address of record. If you have not received your renewal notice, please call our Customer Contact Center at 850.487.1395 or online at www.MyFloridaLicense.com/contactus.

Please refer to your profession's governing statutes and Administrative codes for further information regarding renewals. These may be accessed from our website.

AC# 01700984

AICP

ALFREDO C. SANCHEZ

HAS QUALIFIED AS A

MEMBER

AMERICAN INSTITUTE OF CERTIFIED PLANNERS

JULY 1994

DATE OF MEMBERSHIP

Joanne Garnett

PRESIDENT

EXECUTIVE DIRECTOR

AICP

ALFREDO C. SANCHEZ

HAS QUALIFIED AS A

MEMBER

AMERICAN INSTITUTE OF CERTIFIED PLANNERS

JULY 1994

DATE OF MEMBERSHIP

Joanne Garnett

PRESIDENT

EXECUTIVE DIRECTOR

This certificate hereby qualifies

Alfredo C. Sanchez, AICP

as a member with all the benefits of a Certified Planner
and a commitment to the AICP Code of Ethics and Professional Conduct.

Certified Planner Number 011028

Paul Farmer, FAICP
Executive Director and CFO

Paul Inghram, AICP
President

The American Planning Association's
Professional Institute
American Institute
of Certified Planners

Making Great Communities Happen

U.S. Green Building Council

HEREBY CERTIFIES THAT

Alfredo C. Sanchez

HAS ACHIEVED THE DESIGNATION OF

LEED® ACCREDITED PROFESSIONAL

BY DEMONSTRATING THE KNOWLEDGE OF GREEN BUILDING PRACTICE REQUIRED FOR SUCCESSFUL IMPLEMENTATION OF THE LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN (LEED®) GREEN BUILDING RATING SYSTEM™.

Chairman

Date Issued
August 13, 2007

S. Richard Fedrizzi, President, CEO and Founding Chairman

Printed on 50% bamboo fibers / 100% post-consumer fibers with vegetable based inks.

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF ARCHITECTURE & INTERIOR DESIGN

LICENSE NUMBER
AAC000412

The ARCHITECT CORPORATION
Named below IS CERTIFIED
Under the provisions of Chapter 481 FS.
Expiration date: FEB 28, 2019

BERMELLO, AJAMIL & PARTNERS, INC
2601 S BAYSHORE DR STE 1000
MIAMI FL 33133-5412

ISSUED: 01/11/2017

DISPLAY AS REQUIRED BY LAW

SEQ # L1701110001121

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF LANDSCAPE ARCHITECTURE
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

(850) 487-1395

BERMELLO, AJAMIL & PARTNERS, INC
2601 SOUTH BAYSHORE DRIVE
SUITE 1000
MIAMI FL 33133

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto **www.myfloridalicense.com**. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

LC0000261 ISSUED: 11/03/2015

LANDSCAPE ARCHITECT BUSINESS
BERMELLO, AJAMIL & PARTNERS, INC

HAS REGISTERED under the provisions of Ch.481 FS.
Expiration date : NOV 30, 2017 L1511030002414

DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

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

LICENSE NUMBER	
LC0000261	

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

BERMELLO, AJAMIL & PARTNERS, INC
2601 SOUTH BAYSHORE DRIVE
SUITE 1000
MIAMI FL 33133

ISSUED: 11/03/2015 DISPLAY AS REQUIRED BY LAW SEQ # L1511030002414

State of Florida

Board of Professional Engineers

Attests that

Bermello Ajamil & Partners, 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: 228201901637 R

CA Lic. No:
6304

State of Florida
Department of State

I certify from the records of this office that BERMELLO, AJAMIL & PARTNERS, INC. is a corporation organized under the laws of the State of Florida, filed on February 28, 1977.

The document number of this corporation is 528526.

I further certify that said corporation has paid all fees due this office through December 31, 2017, that its most recent annual report/uniform business report was filed on January 3, 2017, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Third day of January, 2017

Ken Detzner

Secretary of State

Tracking Number: CC3299295295

To authenticate this certificate,visit the following site,enter this number, and then follow the instructions displayed.

https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication

Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JIM BOXOLD
SECRETARY

June 13, 2016

Luis Ajamil, President
BERMELLO, AJAMIL & PARTNERS, INC.
2601 South Bayshore Drive
Miami, Florida 33133

Dear Mr. Ajamil:

The Florida Department of Transportation has reviewed your application for qualification package and determined that the data submitted is adequate to technically qualify your firm for the following types of work:

Group 3 - Highway Design - Roadway

3.1 - Minor Highway Design

Group 9 - Soil Exploration, Material Testing and Foundations

9.4.1 - Standard Foundation Studies

Group 10 - Construction Engineering Inspection

10.1 - Roadway Construction Engineering Inspection
10.3 - Construction Materials Inspection

Group 13 - Planning

13.5 - Subarea/Corridor Planning
13.6 - Land Planning/Engineering

Group 14 - Architect

Group 15 - Landscape Architect

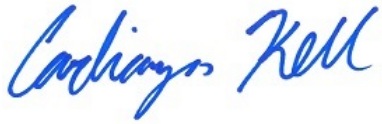
Your overhead audit has been accepted, enabling your firm to compete for Professional Services projects advertised at the unlimited level, with estimated fees of any dollar amount. This status shall be valid until June 30, 2017 for contracting purposes.

	Home/Branch Office	Field Office	Facilities Capital Cost of Money	Overtime Premium	Direct Expense
Indirect Costs	131.80%	87.16%	0.097%	Reimbursed	16.05% (Home) 3.64% (Field)*

*Rent and utilities excluded from field office rate. These costs will be directly reimbursed on contracts that require the consultant to provide field office.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Sincerely,



Carliayn Kell
Professional Services
Qualification Administrator

CITY OF CORAL GABLES
DEVELOPMENT SERVICES DEPARTMENT
CERTIFICATE OF USE
P.O. BOX 141549
CORAL GABLES, FLORIDA 33114-1549

PAID

ECOSTRATA SERVICES INC
221 ARAGON AVE
204
CORAL GABLES, FL 33134-5000

City of Coral Gables
Department telephone numbers

Automotive Department	460-5140	Parking Department	460-5540
Building and Zoning Department	460-5235	Parks and Recreation Department	460-5620
City Manager	460-5201	Planning Department	460-5211
Development Department	460-5311	Police Department (non Emergency)	460-1600
Finance Department	460-5276	Public Service	460-5135
Fire Department (non Emergency)	460-1600	Public Works Department	460-5000
Historical Resources Department	460-5093		

<<< RECEIPT FOR CERTIFICATE OF USE FEE >>>

Subject Property Address: 221 ARAGON AVE
204

Folio # : 03-4108-006-3220

Legal Description: CORAL GABLES SEC K PB 8-33 LOT 30 BLK 34 LOT SIZE 25.000 X 100 OR 12468-502 0485 1 OR 27359-2858 0610 11

Certificate # : CU-0000017258
Status : Renewed
Exp. Date : 03/24/2018
Amt. Paid : 76.13
Business Description : NONPROFIT & GOVERNMENT CONSULTING OFFICE -

ECOSTRATA SERVICES INC
ECOSTRATA SERVICES INC

221 ARAGON AVE, STE 204
CORAL GABLES, FL 33134-5000

DETACH HERE AND DISPLAY RECEIPT IN A CONSPICUOUS PLACE

CITY OF CORAL GABLES, FLORIDA

LOCAL BUSINESS TAX RECEIPT

ANNUAL FIRE INSPECTION FEE RECEIPT
THIS IS NOT A BILL-DO NOT PAY

CUST. NO. 215862
RECEIPT NO.
BT-0025011494

2016-2017

BUSINESS NAME: ECOSTRATA SERVICES INC
DBA NAME: ECOSTRATA SERVICES INC
LOCATION: 221 ARAGON AVE
204

CLASSIFICATION:	NO. OF UNITS	UNIT DESCRIPTION
1 CONSULTANT	1	PERSONS
2		
3		
4		
5		
6		

AMOUNT PAID: $ 263.00

SQUARE FOOTAGE OF SPACE: 400

BUSINESS TAX RECPT RENEWAL

VALID ONLY AT LOCATION ABOVE.
RECEIPT EXPIRES 09/30/2017

** This receipt does not constitute authority to begin operating at this location without a Certificate of Use and Inspection Approval **

10:50

10-26

Local Business Tax Receipts
Miami-Dade County

M.G. VERA & ASSOCIATES

Manuel G. Vera & Associates, Inc.

003286

Local Business Tax Receipt
Miami–Dade County, State of Florida
–THIS IS NOT A BILL – DO NOT PAY

LBT

383570

BUSINESS NAME/LOCATION
MANUEL G VERA & ASSOCIATES INC
13960 SW 47 ST
MIAMI FL 33175

RECEIPT NO.
RENEWAL
383570

EXPIRES
SEPTEMBER 30, 2017
Must be displayed at place of business
Pursuant to County Code
Chapter 8A – Art. 9 & 10

OWNER
MANUEL G VERA & ASSOCIATES INC
C/O MARIA T VERA PRES
Employee(s) 31

SEC. TYPE OF BUSINESS
212 P.A./CORP/PARTNERSHIP/FIRM
LB2439

PAYMENT RECEIVED BY TAX COLLECTOR
$232.50 07/12/2016
CREDITCARD–16–039488

2016-17

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles – Miami–Dade Code Sec 8a–276.

For more information, visit www.miamidade.gov/taxcollector

Manuel G. Vera, Jr., PSM

002483

Local Business Tax Receipt
Miami–Dade County, State of Florida
–THIS IS NOT A BILL – DO NOT PAY

LBT

3103066

BUSINESS NAME/LOCATION
VERA MANUEL G JR
13960 SW 47 ST
MIAMI FL 33175

RECEIPT NO.
RENEWAL
3241551

EXPIRES
SEPTEMBER 30, 2017
Must be displayed at place of business
Pursuant to County Code
Chapter 8A – Art. 9 & 10

OWNER
VERA MANUEL G JR

SEC. TYPE OF BUSINESS
212 PROFESSIONAL
LS0005291

PAYMENT RECEIVED BY TAX COLLECTOR
$100.00 07/12/2016
CREDITCARD–16–039488

2016-17

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

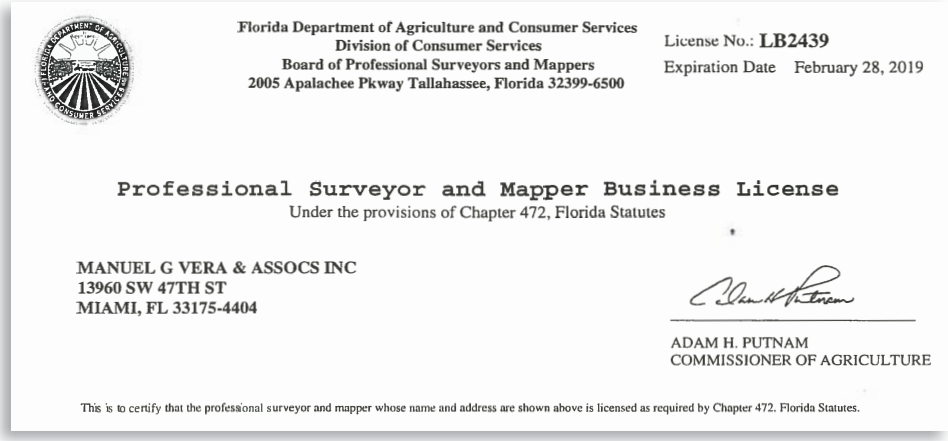
The RECEIPT NO. above must be displayed on all commercial vehicles – Miami–Dade Code Sec 8a–276.

For more information, visit www.miamidade.gov/taxcollector

Professional Licenses

Manuel G. Vera & Associates, Inc.

Professional Surveyor and Mapper
Business License No.: LB2439



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: LB2439
Expiration Date February 28, 2019

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

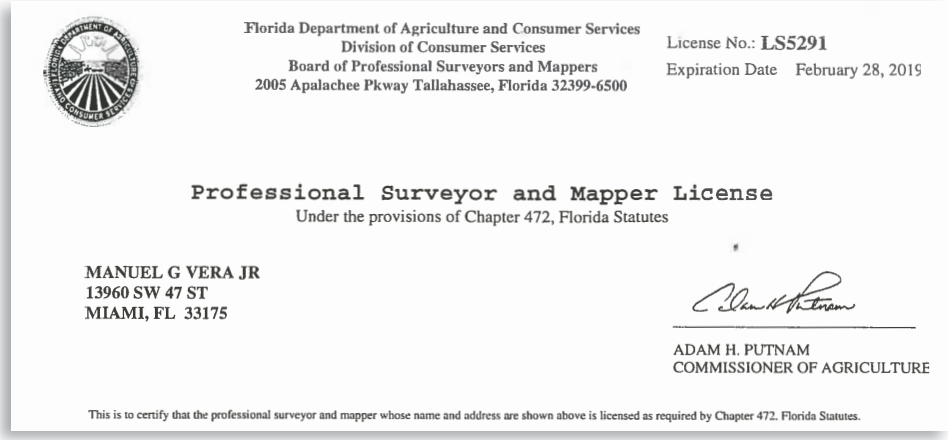
MANUEL G VERA & ASSOCS INC
13960 SW 47TH ST
MIAMI, FL 33175-4404

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.

Manuel G. Vera, Jr., PSM

Professional Surveyor and Mapper
License No.: LS5291



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: LS5291
Expiration Date February 28, 2019

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

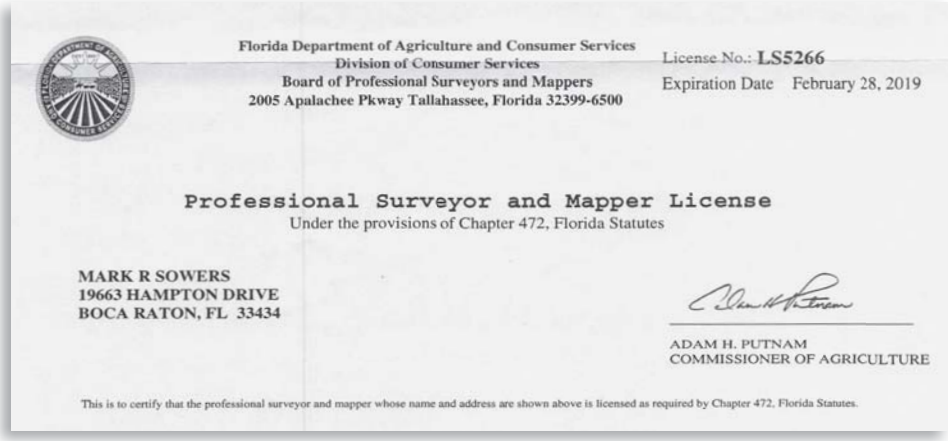
MANUEL G VERA JR
13960 SW 47 ST
MIAMI, FL 33175

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.

Mark R. Sowers, PSM

Professional Surveyor and Mapper
License No.: LS5266



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: LS5266
Expiration Date February 28, 2019

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

MARK R SOWERS
19663 HAMPTON DRIVE
BOCA RATON, FL 33434

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500
800HELPFLA(435-7352) or (850) 488-2221

January 25, 2017

PREMIERE DESIGN SOLUTIONS, INC.
2900 GLADES CIR STE 700
WESTON, FL 33327-2271

SUBJECT: Professional Surveyor and Mapper Business Certificate # LB8017

Your application / renewal as a professional surveyor and mapper business as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2021.

You are required to keep your information with the Board current. Please visit our website at www.800helpfla.com/psm to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here

Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LB8017**
Expiration Date February 28, 2021

Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

PREMIERE DESIGN SOLUTIONS, INC.
2900 GLADES CIR STE 700
WESTON, FL 33327-2271

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.

Florida Board of Professional Engineers
2639 North Monroe Street, Suite B-112
Tallahassee, FL 32303-5268

Premiere Design Solutions, Inc.
2900 GLADES CIRCLE
SUITE A-700
WESTON, FL 33327

Each licensee is solely responsible for notifying the Florida Board of Professional Engineers in writing the licensee's current address.

Name changes require legal documentation showing name change. An original, a certified copy, or a duplicate of an original or certified copy of a document which shows the legal name change will be accepted unless there is a question about the authenticity of the document raised on its face, or because the genuineness of the document is uncertain, or because of another matter related to the application.

At least 90 days prior to the expiration date shown on this license, a notice of renewal will be sent to your last known address. If you have not yet received your notice 60 days prior to the expiration date, please call (850) 521-0500, or write, Florida Board of Professional Engineers, 2639 North Monroe Street, Suite B-112,Tallahassee, FL 32303-5268 or e-mail: board@fbpe.org. Our website address is http://www.fbpe.org.

State of Florida

Board of Professional Engineers

Attests that

Premiere Design Solutions, 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: 228201904027 R

CA Lic. No: 27940

State of Florida
Department of State

I certify from the records of this office that QUALITY COUNTS, LLC is an Oregon limited liability company authorized to transact business in the State of Florida, qualified on September 28, 2005.

The document number of this limited liability company is M05000005542.

I further certify that said limited liability company has paid all fees due this office through December 31, 2017, that its most recent annual report was filed on January 9, 2017, and that its status is active.

I further certify that said limited liability company 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 Ninth day of January, 2017

Ken Detzner

Secretary of State

Tracking Number: CC3855176009

To authenticate this certificate,visit the following site,enter this number, and then follow the instructions displayed.

https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF ARCHITECTURE & INTERIOR DESIGN

LICENSE NUMBER	
AR97799	

The ARCHITECT
Named below IS LICENSED
Under the provisions of Chapter 481 FS.
Expiration date: FEB 28, 2017

GARCIA, ANTHONY TEPEDINO
6815 SW 57TH TERRACE
MIAMI FL 33143

ISSUED: 09/06/2015

DISPLAY AS REQUIRED BY LAW

SEQ # L1509060000393

011632

Local Business Tax Receipt

Miami–Dade County, State of Florida

–THIS IS NOT A BILL – DO NOT PAY

LBT

6678321

BUSINESS NAME/LOCATION

STREET PLANS COLLABROTIVE INC THE
221 ARAGON AVENUE SUITE 204
CORAL GABLES FL 33134

RECEIPT NO.

RENEWAL
6950696

EXPIRES
SEPTEMBER 30, 2017

Must be displayed at place of business
Pursuant to County Code
Chapter 8A – Art. 9 & 10

OWNER

STREET PLANS COLLABROTIVE INC THE

SEC. TYPE OF BUSINESS

212 CONSULTANT

PAYMENT RECEIVED BY TAX COLLECTOR

$60.00 07/18/2016
CREDITCARD–16–041718

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

The RECEIPT NO. above must be displayed on all commercial vehicles – Miami–Dade Code Sec 8a–276.

For more information, visit www.miamidade.gov/taxcollector

DETACH HERE AND DISPLAY RECEIPT IN A CONSPICUOUS PLACE

CITY OF CORAL GABLES, FLORIDA

LOCAL BUSINESS TAX RECEIPT

CUST. NO. 219670
RECEIPT NO.
BT-0025012162

2016-2017

THIS IS NOT A BILL-DO NOT PAY

BUSINESS NAME: THE STREET PLANS COLLABORATIVE INC
DBA NAME: THE STREET PLANS COLLABORATIVE INC
LOCATION: 221 ARAGON AVE 204

CLASSIFICATION:	NO. OF UNITS	UNIT DESCRIPTION
1 CONSULTANT	1	PERSONS
2		
3		
4		
5		
6		

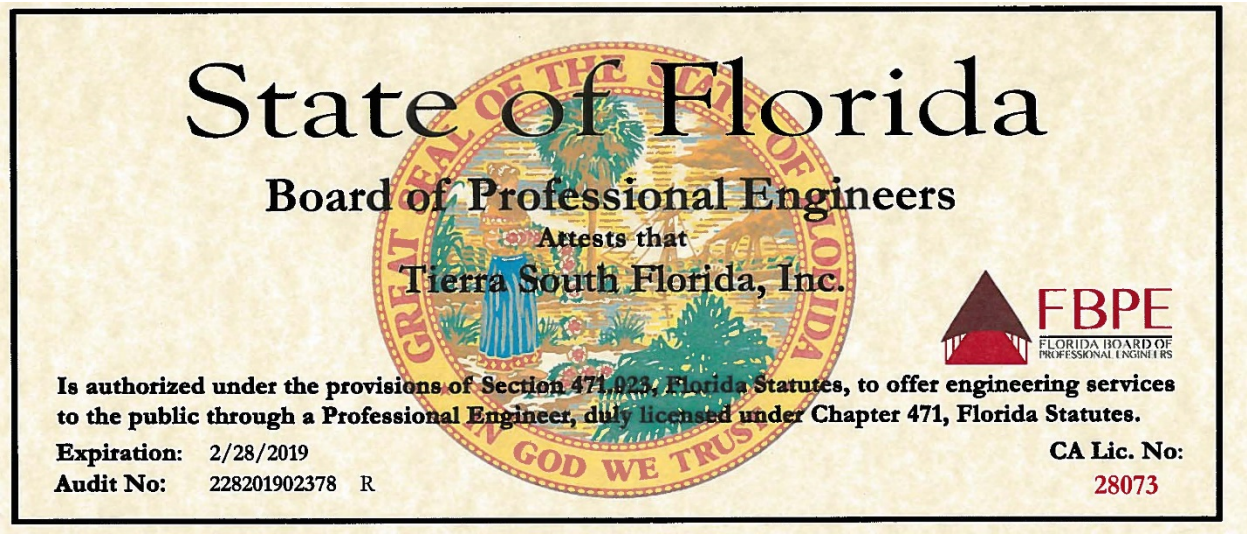
AMOUNT PAID: $ 188.00

BUSINESS TAX RECPT RENEWAL

** This receipt does not constitute authority to begin operating at this location without a Certificate of Use and Inspection Approval **

VALID ONLY AT LOCATION ABOVE.
RECEIPT EXPIRES 09/30/2017

Professional Licenses


State of Florida

Board of Professional Engineers

Attests that

Tierra South Florida, Inc.

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

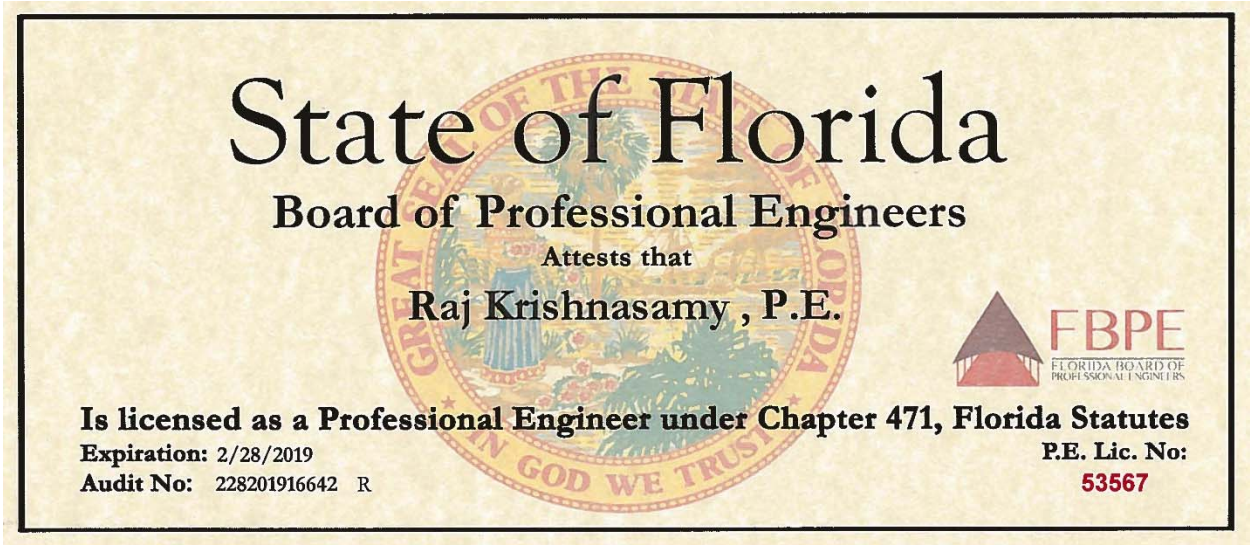
Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Expiration: 2/28/2019

Audit No: 228201902378 R

CA Lic. No: 28073

Tierra South Florida, Inc., CA 28073; Expires 2/28/2019


State of Florida

Board of Professional Engineers

Attests that

Raj Krishnasamy , P.E.

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

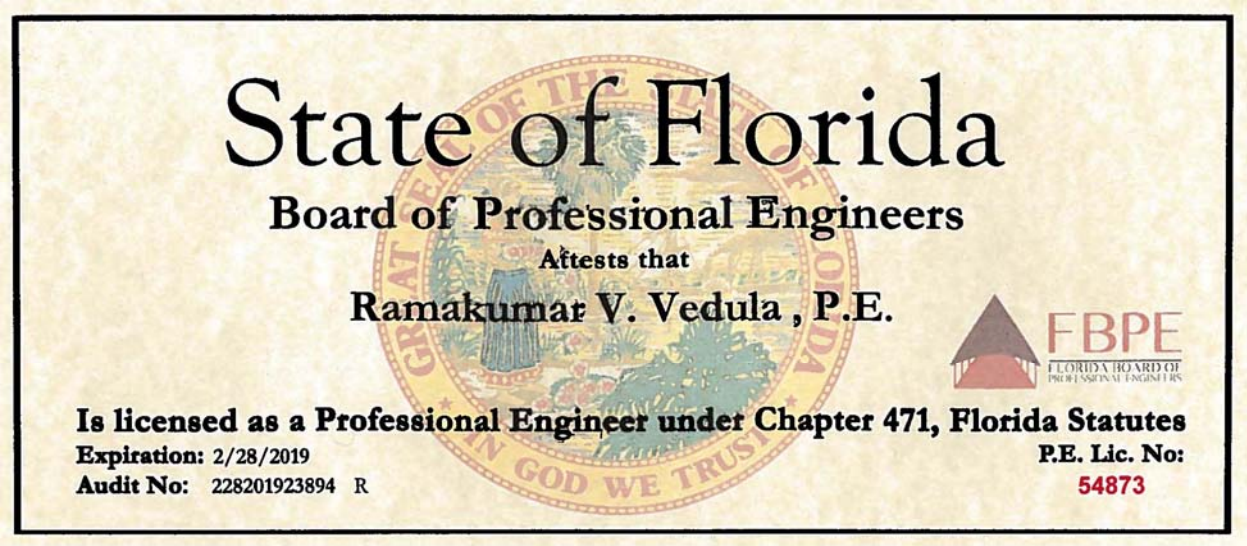
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2019

Audit No: 228201916642 R

P.E. Lic. No: 53567

Raj Krishnasamy, P.E., FL P.E. 53567; Expires 2/28/2019



State of Florida

Board of Professional Engineers

Attests that

Ramakumar V. Vedula , P.E.

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

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

Expiration: 2/28/2019

Audit No: 228201923894 R

P.E. Lic. No: 54873

Kumar Vedula, P.E., FL P.E. 54873; Expires 2/28/2019

Florida Board of Professional Engineers
2639 North Monroe Street, Suite B-112
Tallahassee, FL 32303-5268

Walker Parking Cons/Engin Inc
4904 EISENHOWER BLVD STE 150
TAMPA, FL 33634-6323

Each licensee is solely responsible for notifying the Florida Board of Professional Engineers in writing the licensee's current address.

Name changes require legal documentation showing name change. An original, a certified copy, or a duplicate of an original or certified copy of a document which shows the legal name change will be accepted unless there is a question about the authenticity of the document raised on its face, or because the genuineness of the document is uncertain, or because of another matter related to the application.

At least 90 days prior to the expiration date shown on this license, a notice of renewal will be sent to your last known address. If you have not yet received your notice 60 days prior to the expiration date, please call (850) 521-0500, or write, Florida Board of Professional Engineers, 2639 North Monroe Street, Suite B-112,Tallahassee, FL 32303-5268 or e-mail: board@fbpe.org. Our website address is http://www.fbpe.org.

State of Florida

Board of Professional Engineers

Attests that

Walker Parking Cons/Engin 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: 228201904067 R

CA Lic. No: 3840

State of Florida
Department of State

I certify from the records of this office that WALKER PARKING CONSULTANTS/ENGINEERS, INC. is a Michigan corporation authorized to transact business in the State of Florida, qualified on December 15, 1983.

The document number of this corporation is P00285.

I further certify that said corporation has paid all fees due this office through December 31, 2017, that its most recent annual report/uniform business report was filed on January 26, 2017, 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-sixth day of January, 2017

Ken Detzner

Secretary of State

Tracking Number: CC6952434911

To authenticate this certificate,visit the following site,enter this number, and then follow the instructions displayed.

https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication

RECOMMENDATION LETTERS

July 27, 2017

To whom it may concern:

I have known James Spinks professionally for more than 4 years. As a consultant on our continuing services provider list James has provided information for General Transportation Planning and Engineering Services. He has acted as an expert witness on numerous occasions. Additionally he has provided an array of services including development application reviews, traffic engineering and transportation planning studies and Master Plans.

James has consistently exceeded my expectations with his level of professionalism and work products, with timely execution. He has always been attentive and responsive to my needs as a Planning Director, at times performing site plan and traffic impact analysis reviews for major site plan amendments and large scale developments within just a couple of days.
James is always flexible to adjusting to fluctuations in project demands, meeting schedules and attending multiple hearing attendances. James has always been accessible and is extremely knowledgeable in his area of expertise. James has always gone the extra mile to please staff requirements.

It has always been a pleasure working with James and I am pleased to give James my endorsement for Traffic Engineering and Transportation Planning services. Should you have any questions, please contact our office at (305) 259-1234.

Sincerely,

Travis Kendall
Director of Planning

South Miami
THE CITY OF PLEASANT LIVING

June 22, 2017

To whom it may concern:

I offer this letter of recommendation for James Spinks for Traffic Engineering and Transportation Planning services. For more than 10 years, James and I have had professional relationship where he has provided professional engineering services, even prior to my tenure here at the City of South Miami as the Deputy City Manager.

James is a technically sound, established leader in Transportation Planning and Traffic Engineering who continuously provides transportation services that enhance the quality of the residents. He has a diversity of expertise and is a consummate transportation consulting professional, as he is diligent about recommending data-driven recommendations.

James has strong communication skills, as he has frequently presented both small and complex technical projects to the residents, City Commissioners, Boards or Home Owner's Associations (HOA) in a manner to easily gain consensus and approval.

James is exceptionally knowledgeable and has always performed to my satisfaction. I would recommend him for future work for Traffic Engineering and Transportation Planning services.

If you have any questions, please feel free to contact me at (305) 668-2510.

Sincerely,

Shari Kamali
Deputy City Manager

Public Works Department

Alfredo Quintero Jr., EI, CFM, CGC, CCC
Public Works Director
ISA Certified Arborist

June 22, 2017

To whom it may concern:

As a consultant for the Town, James E. Spinks III served as a Project Manager for Traffic Engineering and Transportation Planning related projects on a general engineering services contract. James has maintained a very good business relationship with the Town providing services.

During the contract he served under, James played an instrumental role in the development of the Town's Traffic Calming Master Plan, where he developed the methodology, performed the study analysis, traffic counts, field observations, conducted several public workshops, prepared concept drawings, and coordinated with the Miami Dade County Department of Transportation and Public Works (DTPW).

James is extremely technical and was always very responsive to the Town's request and needs.

The Department of Public Works, of the Town of Cutler Bay, valued James as a dedicated Project Manager and a valuable resource. I hope our paths cross again in the future and I am pleased to recommend his services.

Should you have any questions, please contact our office at (305) 234-4262.

Sincerely,

Alfredo Quintero Jr., EI, CFM, CGC, CCC
Director of Public Works

Subconsultants

Bermello Ajamil & Partners Inc. (B&A) is a global interdisciplinary A/E firm established in 1939. B&A incorporates two brilliant design & engineering forces, Willy Bermello and Luis Ajamil, whom have collectively merged the company into the firm it is known for today. Offering services that include architecture, engineering, planning, landscape architecture, interior design, and construction services, B&A serves various market sectors consisting of municipal, maritime, aviation, commercial, residential, healthcare, education, and transportation. Headquartered in Miami, the firm operates on six continents from its offices in Florida, New York, and Denmark and is highly recognized for its award-winning designs and extraordinary service of over our 75 years of experience.

Fehr & Peers Transportation Consultants (FPT) has specialized in providing transportation planning and engineering services to public and private sector clients since 1985. Fehr & Peers is at the forefront of sustainable transportation with a focus on measuring/quantifying key outcomes of multimodal investment and smart growth development. They develop creative, cost-effective, and results-oriented solutions to planning and design problems associated with all modes of transportation. They offer clients the right combination of leading-edge technical skills and extensive knowledge of the communities in which we work to deliver comprehensive solutions and superior client service. They are nationally-recognized experts who routinely publish original research, serve on national committees, and teach courses to others in the industry; all while maintaining their commitment to translating those techniques into practical solutions. Fehr & Peers takes a creative, data-driven approach to each of our practice areas; travel behavior and forecasting, multimodal operations and simulation, transit planning, bicycle and pedestrian planning, sustainable transportation, and freight systems and airports.

Street Plans Collaborative (SPC) was founded in Miami Beach in 2009, Street Plans is an award-winning urban planning, design, and research/advocacy firm with offices in Miami, New York City, and San Francisco. The firm is known for advancing innovative practices to test and implement projects for a range of public, private, and non-profit clients. Through the publication of four open-source guides, and one full-length book published by Island Press, we have become the stewards of the international Tactical Urbanism movement. The research and advocacy work has also given shape to topics including open streets, public market design, and public space stewardship. The core services are divided into three categories, including; planning and design (active transportation, transportation planning, and urban design and land use planning), tactical urbanism, and public involvement.

Toole Design Group (TDG) is known as one of the nation's leading planning, engineering, and landscape architecture firm specializing in bicycle and pedestrian transportation. Their focus is developing creative yet practical solutions that move people more efficiently, while improving the quality of life of the community. Engineers at Toole Design Group turn plans into reality, producing construction documents for all facets of civil engineering projects. They are experts in integrating pedestrians and bicyclists into complex, multimodal transportation projects while taking care of the details of geometry, grading, construction staging, stormwater management, signal design, and utilities. Their approach to multimodal traffic analysis and award-winning Complete Streets and separated bike lane design manuals continue to set the standard for our industry. They making walking and biking possible for every trip. They transform communities into more walkable, bike-friendly places one corridor, neighborhood, city, county, region, and state at a time. They are creative bicycle, pedestrian, transit and multimodal transportation planners committed to meaningful public engagement, data-driven recommendations, and ambitious implementation strategies that reflect a community's values and priorities. TDG integrates the perspectives and talents of urban designers, landscape architects, planners and engineers to create memorable, high quality places for people to experience and enjoy. They weave together disciplines to create great streets and places and we understand how streets, paths, trails, building, and open spaces relate to the social fabric, economic success, and quality of life within built environments.

Boothe Transit Consulting, LLC (BTC) is led by President Jeff Boothe who has spent nearly forty years in the public transit industry. He combines deep knowledge of the public transit industry; decades shaping federal laws, regulations and guidance that govern public transit; counseling clients on federal compliance issues; substantial understanding of the federal government as a Congressional staffer

advising former United States Senate Appropriations Committee Chairman Mark O. Hatfield to advance the first light rail project in Portland, Oregon through the appropriations and federal approval process, as the leader of two major transit industry coalitions, and in the representation of many clients before the Department of Transportation, and the Federal Transit Administration and, a proven record of providing strategic guidance to clients seeking to secure federal funding and finance for capital projects through the Capital Investment Grants (CIG) program. Services offered by BTC include:

- Strategic advisory services to transit agencies, cities and project sponsors seeking to advance transit capital investments, including project prioritization, identifying funding options, and, project finance
- Advise on complying with federal laws, regulations and guidance impacting project approvals, project finance, procurement, and Buy America
- Technical assistance regarding the securing funding under the CIG program, including Core Capacity, New Starts, and Small Starts

BTC was formed in May 2015 after Boothe spent nearly thirty years in private legal practice and 10 years on Capitol Hill.

Manuel G. Vera & Associates Inc. (MGV) is a qualified DBE, SBE, MBE, and CBE survey and mapping firm. MGV was established in Miami-Dade County in 1977, with offices located in Miami-Dade County (CORPORATE), Central Florida office located in Orange County, and an office in Jupiter, Florida. Survey and mapping is what they have specialized in and is all they do. In over our 40 years of existence, there has not been a survey task, terrain, or problem they have not seen. MGV is a unique firm, in that it has the capability and technology of their competitors, but their principles are patterned by a family business with a service oriented and sound quality control ideology. This ideology is the foundation for our firm, and the reason MGV is revered as one of the premier survey firms in South Florida. MGV is dedicated and committed to providing excellent service and complete client satisfaction. MGV has a highly-trained staff of professional surveyors and associates with extensive experience in a wide range of surveying and mapping services.

Tierra South Florida (TSF) provides a complete range of geotechnical engineering services, including geotechnical engineering, construction materials testing, inspections, and specialty testing. Their geotechnical design solutions define and reduce construction and long-term performance risks. Whether buildings, airport facilities, transportation systems, landfills, dams, or other civil and private projects, their engineers have the experience and expertise to handle the most technically demanding projects. TSF also owns a large, diverse fleet of eight drill rigs with automatic hammers (truck-mounted, track-mounted, rotary, tripod, ATV, barge/overwater) capable of drilling in challenging conditions whether remote, soft, marshy, over-water, difficult access or environmentally sensitive areas. They employee MOT (Maintenance of Traffic) certified staff to safely perform drilling services in high traffic areas.

Walker Parking Consultants (WPC) is global leader, specializing in parking analysis, management, planning and parking facility design and has been leading the industry for over 50 years. They have more than 250 professionals, many with decades of hands-on parking design and operations management experience enabling them to go beyond the simple theoretic assumptions to arrive at meaningful conclusions and recommendations that will enhance parking operations in the City of Coral Gables. Their services include market analysis, feasibility studies, parking management consulting, parking master planning and site analysis, parking garage design and restoration engineering. Walker has performed more than 3,000 parking studies, designed more than 2,500 parking structures and provided restoration design for more than 2,500 parking structures.

Ecostata Services, Inc. (ESI) was founded in 2010 and builds on 26 years' experience in the private, government, and non-profit sectors creating funding solutions. Their primary service is geared to organizations facing shortages in their funding streams or that are looking for ways to grow. Ecostrata will work to identify the City's needs first, rather than attempting to fit an available resource to that you, ensuring a focus geared to the City's unique needs. From grants, to government services, to general fundraising, Ecostrata is here to help the City of Coral Gables. Ecostrata's Founder and President, Robert Ruano has over 26 years of management experience, both in the private and public sector. His experience includes many years in City of Miami government, overseeing all grant applications and environmental initiatives. Among his accomplishments

are a successful state grant that saved six acres of prime urban green space from development and the completion of a climate action plan that put the city on the path to sustainability. Since founding Ecostrata Services in 2010, he has worked with nonprofits, municipalities and private entities looking for funding or access to government programs. He is familiar with local, state, federal and foundation grant programs in a variety of functional areas. He serves on the USDA's National Urban & Community Forestry Advisory Council, Miami-Dade County's Planning Advisory Board, and Coral Gables Parks & Recreation Advisory Board. He is also a board member and was the Founding Chairman of Bike Walk Coral Gables and is a member of the Green Mobility Network.

Quality Counts (QC) is a national full-service transportation data collection firm that specializes in video data collection and has put in the effort to perfect its approach and procedures to confidently be able to provide the most accurate, time-efficient, and cost-efficient product its clients demand. For over a decade, QC has been local to South Florida area, providing data collection services to FDOT District 4 and 6, the City of Coral Gables, the University of Miami and plenty of private engineering firms of all shapes and sizes throughout the area. Beyond using video for turning movements, queue studies, delay studies, and OD studies, QC offers a full array of transportation data collection services, including Bluetooth data collection, mainline radar traffic counts, traditional tube counts, and surveys, such as travel time runs, parking lot studies, and more. Quality Counts has the local and national resources to perform studies of any size and complexity with little lead time and swift turnaround.

Premiere Design Solutions, Inc. (PDS) is a local minority firm, established as a Florida Corporation in 2007 with headquarters in Broward County in the City of Weston, and offices in Miami and South Carolina. PDS core business is with Federally Funded projects, and PDS is experienced in dealing with surveying, engineering and construction of Federally Funded projects, with funding from FTA, FHWA and ARRA Federal Funds. PDS has extensive experience in the topographic surveying and engineering design of pedestrian facilities, as one of their strongest sectors is transit and land development, both, having strong emphasis on pedestrian use. PDS has designed improvements to sidewalks and transit bus stops at over 1,000 locations in south Florida, surveying and designing ADA compliant sidewalks, walkways, landing pads, waiting areas, and bus shelters. PDS has also been involved in the peer review and verification of design documents for a new Miami-Dade Transit pedestrian bridge near the University of Miami, in Coral Gables.

LimeBike is a stable bike share company that is revolutionizing urban mobility by helping cities solve first and last mile transportation challenges through more efficient, affordable and healthier transportation that complement existing transit alternatives, reduce congestion and free up parking, support more vibrant local economies, and by reducing local pollution from short, inefficient trips; with a smart, dockless bike sharing program and system, free to cities. There is no funding required to operate and expand their service; its complementary with city mobility objectives; utilizes dockless technology allows bikes to be widely available throughout community to fully realize potential; it's simple, more affordable pricing making bikes more universally accessible; and they utilize advanced technology with 3G/GPS and smart-locks.

Digiwest was founded in 1994. The firm started as an Internet Service Provider (ISP), providing dial-up and leased-line internet connection services, then expanding competencies to IT consulting and video conferencing. Today, Digiwest is a full service computer and technology firm providing managed IT services, software programming and specialized traffic data collection equipment throughout the United States, Canada, Australia and the Middle East. Digiwest has been a national pioneer in the development and use of Bluetooth data collection readers. Digiwest started with MAC address collection devices for traffic data in 2007. Using Bluetooth detection, MAC address data was collected and translated into useful origin-destination and travel time information. Digiwest has lead or participated in origin-destination and travel time studies throughout the world, with the world's largest ongoing project of over 200 portable devices deployed permanently in the Middle East. They have provided traffic collection data for over 150,000,000 vehicles in over 300 study projects worldwide. Their BlueMAC devices provide accurate Travel-Time, speed, and Origin-Destination data for vehicles and pedestrian applications. BlueMAC can be used in a range environments and conditions, from foot paths to freeways. Their devices can be installed as a low cost, temporary deployment, or as a permanently mounted product for traffic data collection.

2.2 PERMITTING AGENCIES AND PROCEDURES

Lochner understands that the agency review process in South Florida is often complex with a number of overlapping jurisdictions and agencies. We have the technical knowledge and the ability to advocate to the various county agencies including Miami-Dade County, FDOT, SFWMD, FDEP, the Army Corps of Engineers, and all other permitting agencies on behalf of the City of Coral Gables. We have worked extensively with these agencies and understand the ultimate review and permitting process for all transportation projects.

Because of this our experience, Lochner has established relationships with the agency's review and permitting staff and understand their expected standards and procedures, ensuring a smooth and quick approval process for any type of project. Our key staff have responsive relationships with Miami-Dade County Department of Public Works (DTPW) and understand the Miami-Dade's Miami-Dade Traffic Flow Modification(s) Street Closure(s) procedures and thresholds for traffic calming and other innovative traffic recommendations for which the City of Coral Gables may desire.

James has applied for 25 mph speed limit designations for multiple Miami-Dade cites, developed citywide traffic calming master plans for multiple municipalities with the Miami-Dade Department of Transportation and Public Works (DTPW) that contained traffic circles, speed tables, and complete street concepts that included lane repurposing, wide sidewalks, mid-block crosswalks, landscaping, bike lanes, bulb-outs, high-emphasis intersection crosswalks, and operational and safety improvements at intersections. In addition to municipal projects, James also recently served as the Project Manager to the Miami-Dade Transportation Planning Organization (TPO), where he managed the Protected Bike Lanes Master Plan, the 2015 and 2016 Safe Routes to School Infrastructure Plans, and the Bike Friendly Miami-Dade Plan.

Having provided similar services for nearly 20 years, the Lochner Team understand policies, procedures, project delivery requirements and how to coordinate with Claudia Diaz and Darlene Fernandez at the Miami-Dade Department of Transportation and Public Works (DTPW) to get the City's projects approved. This experience has allowed the Lochner Team to understand what is acceptable and what is not acceptable, but most importantly helps to bridge the gap between the City and the County to obtain approvals for some "out-of-the-box" recommendations. This occurred along several Avenues and Old Cutler Road in the Village of Palmetto Bay, where some innovative traffic calming and improvement strategies were presented and gained approval, including a reversible lanes concept, a turbo lane concept and a boulevard "complete street" concept on NW 67th Avenue. In fact, **the County partially funded the recommendations.**

By no means was this easy. It took technically sound analysis, a great plan and stellar communication all the way up the ladder at DTPW, including several roundtable meetings with Deputy Director Engineering Frank Guyamier and Assistant Director Darlene Fernandez.

2.3 RECENT AND RELEVANT PROJECTS

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 1

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Tri-County Trail FDOT District 7 General Engineering Consultant Districtwide, FL	2017	2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Florida Department of Transportation-District 7	Mary Lou Godfrey	813-975-6621

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

Lochner has been selected as the Florida Department of Transportation (FDOT) District 7 general engineering consultant for a five-year period (2014–2019) under a $30 million contract. Services under this contract span transportation development support tasks in the areas of engineering, surveying, architecture, landscaping, geographic information systems, and management.

Lochner, acting as an extension of FDOT staff as a general engineering consultant (GEC), has served as the owners representative for the Design-Build project to construct the Tri-County Trail in Pinellas County Florida. The Tri-County trail constructs a 12-foot to 15-foot wide shared use path from the intersection of East Lake Road and Keystone Road to the Pinellas/Hillsborough county line, a distance of approximately 5 miles. Much of the alignment of the Tri-County Trail extends through the 8,700 acre Booker Creek Preserve, the largest natural area in Pinellas County, the most densely populated county in Florida. The preserve consists of forested wetlands and pine flatwoods and is unique refuge for native flora and fauna and a home to many animals. The preserve is jointly owned by Pinellas County and the Southwest Florida Water Management District (SWFWMD) and managed by Pinellas County Department of Parks and Conservation Resources. The Tri-County trail is one part of the larger Florida Coast to Coast Trail which will eventually extend from Pinellas County on the Gulf Coast of Florida to Titusville on the Atlantic Coast.

Lochner developed the concept plans, including pavement design and typical section package for the Tri-County Trail and prepared the Request for Proposal (RFP) for the design-build project to construct the trail itself. Lochner coordinated with FDOT, Pinellas County, SWFWMD, and multiple utility owners on the design and alignment of the trail to minimize impacts to the preserves natural features while still allowing for the public to experience this unique natural resource. In addition, Lochner assisted the FDOT Technical Review Committee in the evaluation of the Technical Proposals, the answering of bid questions submitted by prospective design-build teams, review of plans, permits, and calculations prepared by the design-build firm, and ongoing support and issue resolution during construction. The Design-Build project was awarded in July 2015, with construction activities commencing in early 2016. The grand opening of the trail is scheduled for July 20, 2017.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H.W. Lochner, Inc.	Tampa, FL	Prime
b.			
c.			

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)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Sidewalk Improvements - Columbus Ave and Manhattan Ave Tampa, FL	2017	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Westshore Alliance	Chris Weber	813-289-5488

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

Working in response to the needs of its more than 400 business members, the Westshore Alliance undertakes a number of initiatives each year to improve living and working conditions in Tampa's Westshore District. The Alliance initiated a project to improve pedestrian facilities on 500 feet of Manhattan Avenue (Spruce Street to Boy Scout Boulevard) and 1,100 feet of Columbus Avenue (Dale Mabry Highway to Himes Avenue).

Lochner completed a preliminary feasibility study for the project, which involved the construction of 5-foot sidewalks along one side of each stretch of roadway. Lochner also included spot repairs to the roadway pavements. Lochner provided the Alliance with a study report containing preliminary design concepts; potential right of way, utility, and storm sewer impacts; and preliminary cost estimates.

SERVICES

- Alternatives Development and Analysis
- Highway/Roadway Design
- Bike/Ped Facility Planning/Design
- ADA Facility Evaluation/Design

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H.W. Lochner, Inc.	Tampa, FL	Prime
b.			
c.			
d.			
e.			
f.			

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 3

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
US 41 Roundabouts Final Design Sarasota, FL	2020	2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Florida Department of Transportation-District 1	Walter Breuggeman	863-519-2451

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

On US 41 in Sarasota, the Florida Department of Transportation (FDOT) plans to replace the existing signalized intersections at 10th Street and 14th Street with roundabouts, as well as improve the level of service on the route for motorized vehicles, bicycles, and pedestrians. Lochner is responsible for the project design.

Lochner is designing the roundabouts as two-lane facilities with landscaped centers and pedestrian signals. The roundabout at 10th Street is located adjacent to a large boat launching facility, and Lochner's design will accommodate the turning movements of vehicles towing large boats, as well as other large vehicles. Lochner's design adds bicycle lanes and curb and gutter along the outside travel lanes of US 41 between the two roundabouts, with curb along the landscaped median. The project also includes lighting and ITS/ATMS design.

Maintenance of traffic is a prime concern in this busy urban location. Lochner is preparing a detailed traffic control and staged construction plan that will keep the road open and maintain access to adjacent cultural centers throughout construction. The plan will also accommodate the many pedestrians, including a large elderly population from nearby retirement communities that use the route.

SERVICES

- Roundabout Intersection Design
- Final Plans, Specifications, and Estimates (PS&E)
- ADA Facility Evaluation/Design
- Culvert Design
- Pavement Evaluation/Design
- Signal Design
- Lighting Design
- Advanced Traffic Management System (ATMS) Planning/Design
- Maintenance-of-Traffic (MOT) Plan Development
- Construction Phasing Plan Development

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H.W. Lochner, Inc.	Tampa, FL	Prime
b.			
c.			
d.			
e.			
f.			

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)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
15th Street East/301 Boulevard East PD&E Study Manatee County, FL	2017	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Florida Department of Transportation-District 1	David Turley	863-519-2255

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

The Florida Department of Transportation, in cooperation with Manatee County, plans to widen approximately 4.5 miles of 15th Street East / 301 Boulevard East, from Tallevast Road to US 41, to improve capacity and level of service on the corridor. This complete street project will entail widening the roadway from two to three lanes and include the addition of bicycle lanes, sidewalks, pedestrian crossings, street lighting, and roundabouts, as well as transit improvements. Lochner is conducting the project development and environment (PD&E) study.

Lochner has developed two design alternatives and conducted a comprehensive assessment to determine the design constraints and social, economic, and environmental impacts associated with each alternative. The most significant environmental considerations were potential impacts to the nearby historic district and historic cemetery (which required the completion of Section 106 and Section 4(f) evaluations), potential impacts to Bowlees Creek, and possible contamination issues from petroleum and hazardous waste, including from the former American Beryllium site. The southern portion of the project carries a large amount of freight traffic; therefore, the accommodation of large truck and tractor trailers was also a key factor in the conceptual design plans.

Lochner has conducted detailed traffic analyses to determine the effects of the design alternatives on level of service and delay. The analyses considered the current level of service and delay on the corridor, as well as the no-build and build scenarios in 2020, 2030, and 2040. The traffic study also evaluated the need for traffic signals and other operational improvements, such as roundabouts, and provided analyses of all major (existing or potential) intersections.

Lochner is now assisting with the project's public involvement program to gain stakeholder feedback, which will be used to refine the design concepts. The project locale is home to a large Hispanic community. To make the program as accessible as possible to all residents, Lochner has ensured that all public involvement materials (newsletters, advertisements, etc.) are available bilingually and has arranged for translators to be present at all public meetings.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H.W. Lochner, Inc.	Miami, FL	Prime
b.			
c.			
d.			
e.			
f.			

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 5

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Strategic Intermodal System Studies 2012 Districtwide, FL	2018	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Florida Department of Transportation-District 7	Lori Marable	813-975-6000

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

Florida's Strategic Intermodal System (SIS) is a statewide network of high-priority transportation facilities that includes highways, airports, seaports, rail corridors, and waterways. The SIS highways include all of the roads that previously made up the Florida Intrastate Highway System (FIHS). These highways carry almost 70 percent of the truck traffic, and more than half of the total traffic, on the state highway system.

The Florida Department of Transportation (FDOT) District 7 has issued a series of five-year contracts to provide districtwide planning support for FIHS and SIS projects. Lochner has been continuously awarded such contracts since 1997. The first two contracts (1997 to 2007) were related to FIHS projects. Under the second two contracts (2007 to 2016), Lochner has been providing planning support for projects located on, or likely to impact, any District 7 SIS transportation facility. Lochner's tasks could include planning studies, such as corridor analysis, action plans, master plans, interchange justification and modification reports, and multimodal analysis. Lochner could also be called on to provide in-house staff or supply almost any other planning-related service, including data collection, financial analysis, traffic simulations, public involvement coordination, peer reviews of other planning studies, advisory services, or technical support for the SIS hubs.

To date, Lochner has performed more than 30 task orders under the FIHS and SIS contracts. Key tasks have included:

- A 12-mile Interstate corridor analysis to develop a master plan for I-275 in Pinellas County.
- Several US 19 corridor studies (3 to 20 miles in length) to produce recommendations for safety, operational, congestion mitigation, and access management improvements and assess how those improvements should be packaged for construction.
- An assessment of the traffic impacts of a proposed new ballpark for the Tampa Bay Rays.
- The development of interim alternatives on US 19. FDOT's master plan for the 11-mile corridor called for $1 billion to be spent on interchange construction and improvements. Lochner developed lower-cost operational alternatives that would improve safety and level of service on the corridor until such funding became available.
- A corridor action plan for X miles of SR 44 in Citrus County to identify recommended improvements for level of service, capacity, access management, and safety, including an assessment of a route alternative through downtown Inverness.

The quality of Lochner's work has been recognized not only by its continued selection over a 20-year period but by its high scores in FDOT's consultant evaluations, which have often exceeded 98%.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H.W. Lochner, Inc.	Tampa, FL	Prime
b.			
c.			
d.			
e.			
f.			

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 6

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Bravo Company Boulevard Yakima, WA	2017	2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Yakima, Washington	Dan Ford	509-575-6000

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

The redevelopment of the 225-acre Cascade Mill District is a joint project between Yakima County and the City of Yakima that will increase jobs and economic activity in both jurisdictions. Yakima was awarded LIFT (Local Infrastructure Financing Tool) funding from the State of Washington to create a revenue development area that will transition the former Boise Cascade Mill, which once provided 200 family-waged jobs, into a mixed-use regional economic catalyst and create 200 short-term construction jobs; 1,300 light manufacturing jobs; 750 medical, technology, and research jobs; and 2,580 commercial, retail, and entertainment center jobs

Lochner is providing planning and engineering services for the construction of Bravo Company Boulevard. Lochner has provided roadway design in the vicinity of H Street to North 1st Street, as well as the design of roadway and utility enhancements from the Lincoln Avenue and Martin Luther King Jr. Boulevard couplet to H Street. The roadway enhancements and connections have resulted in a boulevard-style four- or five-lane arterial with roundabouts at the south and north intersections, as well as a midpoint roundabout and extensive landscaping elements. The project improvements include new hot-mix asphalt pavement, curb and gutter, sidewalks, illumination, pavement markings, storm drainage, sanitary and industrial sewer mains, potable water mains, and landscaping.

SERVICES

- Noise Analysis
- Highway/Roadway Design
- Roundabout Intersection Design
- Stormwater/Pavement Drainage Design
- Signing Design
- Landscaping and Aesthetics Coordination
- Lighting Design
- Culinary Water System Design
- Pavement Evaluation/Design
- Utility Coordination
- Traffic/Transportation Analysis
- Public Outreach/Involvement

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H.W. Lochner, Inc.	Bellevue, WA	Prime
b.			
c.			
d.			
e.			
f.			

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 7

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Pleasant Grove Bicycle Master Plan Study Pleasant Grove, UT	2013	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Mountainland Association of Governments	Jim Price	801-229-3800

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

Lochner is providing project management, bike/pedestrian facility planning, and public involvement services for the development of a comprehensive Bicycle and Pedestrian Facilities Master Plan for the City of Pleasant Grove. The plan will focus on strategies to develop a high level of bicycle and pedestrian friendliness, and detail ways to connect existing and planned facilities within Pleasant Grove and among its surrounding communities. Lochner is also providing steering committee oversight, aiding in evaluating existing conditions and programs, creating and carrying out a public participation program (including a survey, public workshops, and other outreach activities), aiding in developing a project prioritization and implementation plan, and completing the final master plan document.

SERVICES

- Bike/Ped Facility Planning/Design
- Public Outreach/Involvement

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H.W. Lochner, Inc.	Salt Lake City, UT	Prime
b.	Fehr & Peers	2180 S 1300 E, Suite 220, Salt Lake City, UT 84106	environmental
c.			
d.			
e.			
f.			

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 8

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Bothell-Everett Highway Corridor Improvements Bothell, WA	2015	2015

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Bothell, Washington	Jason Torrie	425-486-2769

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

As part of the City of Bothell's SR 527 Route Development Plan, intended to improve motorist, cyclist, and pedestrian facilities along this major corridor, the City widened Bothell-Everett Highway (SR 527) between 228th and 240th Streets. Lochner was involved with entire project's delivery, including initial project development, assistance with the successful federal funding application, public involvement, preliminary and final design, and construction support services.

In the planning stages, Lochner performed traffic analysis along the corridor and produced a design report that examined access to the Bothell-Everett Highway, signalization along the corridor, and channelization options to improve operations of a major Bothell-Everett Highway intersection. For the project's environmental study, impacts to the surrounding wetlands were a key consideration. Lochner's team performed detailed mitigation analysis, and several mitigation measures were incorporated into the design to minimize wetland impacts.

Lochner's design widened Bothell-Everett Highway to an urban arterial with four travel lanes, a center turn lane, and bicycle lanes and sidewalks on both sides. In keeping with the City's downtown regeneration plans, Lochner incorporated landscaping, street lighting, and urban design elements into the plans. The design also included access management measures, improved transit stops, a traffic signal upgrade at 228th Street, and a new signal at the entrance to the Country Village retail center. Lochner also performed stormwater drainage design, noise analysis, ITS design, and structural design for two large retaining walls.

SERVICES

- Highway/Roadway Design
- Intersection Analysis/Design
- Bike/Ped Facility Planning/Design
- Stormwater/Pavement Drainage Design
- Retaining Wall Design
- Hydraulic Analysis/Design
- Culvert Design
- Intelligent Transportation System Planning/Design
- Signal Design
- Streetscape Design
- Lighting Design
- Signing Design
- Landscaping and Aesthetics Coordination
- Traffic/Transportation Analysis
- Noise Analysis
- Utility Coordination
- Alternatives Development and Analysis
- Final Plans, Specifications, and Estimates (PS&E)
- Construction Support Services
- Public Outreach/Involvement

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H.W. Lochner, Inc.	Bellevue, WA	Prime
b.			
c.			

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 9

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Tampa Bay Premium Transit Feasibility Study Hillsborough County, FL	2018	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Jacobs Engineering Group Inc.	Scott Pringle	813-746-3416

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

The Tampa Bay region has experienced rapid population growth over the last 30 years. The three largest counties in the seven-county Tampa Bay Area are Hillsborough, Pinellas, and Pasco counties. Together they contain the majority of the region's roughly 3 million residents. Thanks to nearly continuous growth, urban development now stretches continuously across the borders between the counties, as is the case between Pinellas and Pasco along US 19, between Pasco and Hillsborough on Bruce B. Downs and US 41, and between Hillsborough and Pinellas along SR 580. Additionally, the region is greatly spread out across more than 2,000 square miles of land surrounding Tampa Bay. The area for this study was defined as the urbanized area within Hillsborough, Pinellas, and Pasco counties.

The purpose of this study was to look at the urbanized area of the greater Tampa Bay metropolitan region, and investigate the feasibility of potential regional transit options. The desired planning approach started at a high level by creating a vision for an overall regional transit network and philosophy based on public input and a market analysis. The study then moved from regional vision into more detail on specific travel demand corridors, and operational and capital components based on results of a situational appraisal. The situation appraisal reviewed previous planning studies, transportation conditions, socio-economic factors and land development activities. It included incorporation of planning options and alternatives previously identified in other studies, as well as connecting the study area to neighboring counties in the Tampa Bay Region. As part of the initial screening process, those individual components were adjusted and connected as needed to serve a regional travel demand and be consistent with the regional visioning mentioned above. The study team then developed a methodology for calculating the public's comprehensive return on investment for each alternative. Alternatives that had the highest potential returns were further evaluated for feasibility, with appropriate projects then selected to move into PD&E or other further development stages as appropriate. A public outreach process engaged the public throughout the project.

Lochner was a subconsultant to Jacobs Engineering Group on this study, assisting with stakeholder engagement and coordination; the Fatal Flaw Analysis (Phase One Screening); the Return on Investment and Benefits Evaluation (Phase Two Screening); development of an Implementation Plan; and QC review of final documentation.

SERVICES

- Feasibility Study
- Transit Planning/Design
- Stakeholder Facilitation
- Alternatives Development and Analysis
- Stakeholder Committee Group Coordination
- Transportation Planning
- Benefit/Cost Analysis
- Light Rail Transit Planning/Design
- Bus Rapid Transit (BRT) Planning/Design
- Cost Estimate Development
- Long-Range Planning
- Public Meeting Coordination
- FTA Analysis/Study Documentation
- Socioeconomic Evaluation

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H.W. Lochner, Inc.	Tampa, FL	Subconsultant
b.			
c.			

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 10

21. TITLE AND LOCATION *(City and State)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Taylorsville-Murray Transit Corridor Study Salt Lake County, UT	2009	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Fehr & Peers Transportation Consultants	Robin Hutcheson	801-535-7146

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

This project entailed determination of the best location for a Bus Rapid Transit (BRT) corridor to connect existing transit systems to locations lacking easy access to mass transit, specifically the Salt Lake Community College Redwood Campus. Lochner prepared existing right of way and roadway lane configuration files to determine areas where an exclusive BRT lane could be accommodated or added. The team also identified constraints and issues related to project constructability on existing roadways and recommended strategies to resolve them. Lochner developed conceptual typical sections for the corridor showing both center- and side-running BRT lanes.

Ultimately, the locally preferred alternative was determined to be a four-mile stretch that runs from the 5200 South UTA TRAX station (intersection of Vine Street and Cottonwood Street) to the Salt Lake Community College (Redwood Road) via Murray Boulevard and 4700 South. To reduce BRT travel time, a portion of the locally preferred alternative was routed on canal right of way, bypassing the Redwood Road and 4700 South intersection. Lochner coordinated with the North Jordan Canal owners and prepared a concept level cost estimate to enclose approximately 800 feet of the canal.

After this project was completed, Lochner was selected, as part of the Stanley Team, to conduct environmental clearance and 30% design services for the 4-mile-long preferred alternative connecting Salt Lake Community College to downtown Murray and area commuter and light rail stations.

SERVICES

- Bus Rapid Transit (BRT) Planning/Design
- Alternatives Development and Analysis
- Highway/Roadway Design
- Existing Conditions Analysis
- Right of Way Plan Development
- Constructability Review
- Cost Estimate Development

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	H.W. Lochner, Inc.	Salt Lake City, UT	subconsultant
b.			
c.			
d.			
e.			
f.			

2.4 PROPOSER'S EXPERTISE

Lochner offers a comprehensive suite of services that enables us to provide trusted and responsive consulting on a variety of surface transportation, rail, transit, and aviation projects.

We plan and design with an eye for implementation. Our transportation professionals collaborate across disciplines to streamline the project development process. The result is added efficiency in project delivery and practical solutions to project challenges.

Whether surface transportation, rail, transit, or aviation, our professionals work collaboratively with clients, stakeholders, and community members to move projects forward efficiently and effectively.

When a client selects Lochner, they trust their project is carefully managed and successfully delivered. This includes managing project costs, seeking ways to reduce risk, and providing tailored solutions.

Lochner staff has experience serving on similar contracts for more than 20 municipalities in South Florida and have established strong working relationships with the local municipalities, the TPOs and councils. Lochner's range of expertise enables us to offer our clients — from small private developers to large public agencies — a single source to meet all of their regulatory, engineering, and planning needs.

Lochner has nearly 30 offices nationwide in 17 states, with five in Florida (Miami, Tampa, Orlando, Jacksonville, and Tallahassee). We serve the entire state of Florida, assisting public and private clients in their efforts to plan for transportation and livability, with the technical expertise to provide a reliable, convenient, safe and connected multi-modal network throughout the entire City.

Partnership is the Lochner key philosophy, as we also have a vested interest in the success of the City fulfilling the mission to provide a safe multimodal transportation network that provides job accessibility without jeopardizing the high quality of life that exists in surrounding neighborhoods and implement services and programs that meet the needs of today without compromising the ability to meet the needs of tomorrow. If given the opportunity to be selected, we will partner with the City of Coral Gables and implement our alliance through teamwork and the right allocation of resources within our proposed Team. Our goal is to perform the required services, on time, with the right personnel, which will ultimately be beneficial to the public and produce technically sound contract documents that are cost conscious, completed on-time and at a cost-savings to the City of Coral Gables. Constant and proactive communication with the City's Project Manager will be maintained throughout the life of the contract.

Surface Transportation

For more than 73 years Lochner has been a recognized leader in surface transportation, specializing in the following areas:

- Accelerated Bridge Construction (ABC) Design
- ADA Assessment & Design
- Alternative Delivery
- Bridge & Structure Rehabilitation & Retrofit ting
- Bridge & Culver t Design
- Bridge Inspection & Load Rating
- Community & Stakeholder Outreach
- Complete Streets
- Construction Engineering & Inspection
- Drainage & Water Facilities
- Environmental Studies & Documentation
- Fish Passage Improvements
- Hydraulic & Hydrologic Analysis
- Intelligent Transportation Systems

- Intersection & Roundabout Planning & Design
- Interchange Planning & Design
- Noise & Retaining Walls
- Multimodal & Active Transportation
- Pavement Rehabilitation & Design
- Right of Way
- Roadway Planning & Design
- Signal & Lighting Design
- Traffic Engineering
- Transportation Planning
- Utility Coordination

Rail & Transit

From planning and design to overall system analysis and management, Lochner's rail and transit team is committed to keeping people and goods moving.

- Alternative Delivery
- Bus Rapid Transit Planning & Design
- Community & Stakeholder Outreach
- Construction Engineering & Inspection
- Environmental Studies & Documentation
- Intelligent Transportation Systems
- Rehabilitation & Retrofitting
- Right of Way
- Light, Commuter, & Freight Route Line Assessment & Design
- Station Planning & Design
- Structure Assessment & Design
- System & Program Analysis

Aviation

Lochner's team of aviation professionals deliver results without compromising safety, quality, budget, or schedule.

- Airport Master Planning
- Apron Development
- Circulation & Parking Assessments
- Community & Stakeholder Outreach
- Construction Engineering & Inspection
- Environmental Studies & Documentation
- Helipad Location Planning & Design
- Lighting & Navigational Systems
- Passenger Access & Wayfinding
- Right of Way
- Runway & Taxiway Rehabilitations & Extensions
- Wildlife Hazard Analysis & Mitigation

Core Services for this Contract

Multimodal Transportation Planning

Lochner's Transportation Planning Team takes a multi-modal approach to planning and developing modern transportation systems for Florida's diverse and growing population. Lochner specializes in a full range of transportation planning services, including:

- Project Development and Environment (PD&E) Studies
- Legislative/Regulative/Policy Analysis
- Multimodal Analysis and Planning
- Freight Assessments and Studies
- Systems Planning
- Subarea/Transportation Corridor Planning Studies
- Land Planning/Engineering
- Transportation Statistics
- Site Plan Development Review
- Comprehensive Plans
- EAR Based Amendments
- Traffic Impact Study Preparation/Review
- Access Management/Functional Classifications
- Complete Streets
- Community Outreach/Public Involvement
- Congestion Management Planning
- Congestion Pricing and Managed Lanes Travel
- Demand Analysis
- Data Mining/Management
- Interchange Access Request (IMRs, IJRs, IOARs, SIMRs)
- Site Impact and Growth Management Reviews
- Modal Application
- Multi-Modal Corridor Analysis
- Transit Capacity & Quality of Service Assessments
- Multi-Modal Transportation Studies
- Park and Ride Lot Assessment
- Preliminary Concept Studies
- Project Traffic/Travel Demand Forecasting
- Multimodal Level of Service (LOS) Analysis
- Bicycle Pedestrian & Trail Master Planning
- Pedestrian & Bicycle Design Innovations
- Bike Share Planning & Design
- Wayfinding Planning & Design
- Health Impact Analysis
- Complete Streets Planning and Design
- Safe Routes to Schools
- Bikeway Design, Plans, Specifications & Estimates
- Safe Routes to Transit
- Bicycle & Pedestrian Forecasting & GIS Analysis
- Traffic Calming Master Plans
- Site Plan Development Review
- Transit Stop Location and Design Analysis
- Trail Networks & Multi-use Paths Level of Service Analysis
- Smart Growth
- Livable Cities
- Community Outreach

Lochner specializes in planning for transportation and livability, with the technical expertise to provide a reliable, convenient, safe, and connected multi-modal network throughout the City of Coral Gables. Our team members have established a reputation as a leader in multimodal transportation planning with proven experience in developing concepts that enhance transportation and quality of life. Our staff have developed citywide traffic calming master plans for numerous municipalities and our Pr**oject Manager and multimodal transportation planning lead James E. Spinks III, PE, PTOE**, recently served as the Project Manager to the Miami-Dade Transportation Planning Organization (TPO), where he managed the Protected Bike Lanes Master Plan, the 2015 and 2016 Safe Routes to School Infrastructure Plans, and the Bike Friendly Miami-Dade Plan.

James understands that the MMLOS method of analysis is designed for evaluating Complete Streets, context-sensitive design alternatives, and smart growth from the perspective of all users. It is used to evaluate the tradeoffs of various street designs in terms of their effects on the auto driver's, transit passenger's, bicyclists, and pedestrian's perceptions of the quality of service provided by the street. Using the MMLOS method of analysis enables agencies to testing different allocations of scarce street right of way to the different modes – PROVIDING BALANCE.

Other Lochner professionals include Robert Romig, who formerly served as principal policy advisor to the Florida Transportation Commission and has provided policy and technical expertise on federal, state, and metropolitan planning programs and plans including the Florida Transportation Plan, the Florida Strategic Intermodal System Plan, the Florida's planning and environmental programs and processes. Matthew Wey, PE, PTOE, with 19 years of experience who has managed both DW SIS and DW Systems Planning contracts for FDOT, conducting planning, corridor transportation studies and feasibility studies for bicycle, pedestrian, transit, traffic management. Lara Bouck, PE, AICP, an experienced planner with experience conducting regional corridor transportation use evaluations for consideration of transit, with the purpose of identifying mobility improvements. Andrea Ostrodka, AICP, LEED AP, who recently served as the Director of Planning & Development for the Central Florida Regional Transportation Authority.

The Lochner Multimodal Transportation Planning and Engineering Team will be supported by a deep team of professionals in:

1. Smart Growth
2. Livable Cities
3. Complete Streets/Mobility Solutions
4. Transit Planning
5. Bicycle and Pedestrian Planning
6. Urban Design
7. Traffic Engineering

To support our core services, we have also have supporting services in:

1. Landscape Architecture
2. Surveying
3. Geotechnical Engineering
4. Parking
5. Funding/Grant Writing
6. Traffic Data Collection
7. GIS
8. LimeBike

1. Smart Growth

Smart Growth improves accessibility for non-drivers and encourages the development of more compact, pedestrian-friendly, transit-oriented communities, where residents need to drive less.

Matthew Ridgway, AICP, PTP of Fehr & Peers will lead Smart Growth. Fehr & Peers uses data analytics for Smart Growth. Their ASAP Platform produces better data, better metrics and provide better decisions. More data is available than ever before, but that doesn't necessarily mean that all data has value for transportation planning purposes. In fact, much of it does not, and some can even be counter-productive to sound decision-making. Fehr & Peers will help the City benefit from the vast knowledge they have gained in ensuring that the data being used is accurate and appropriate for the intended use. Key legislation such as MAP 21 are re-shaping

policy and catalyzing change in the way we measure travel behavior. Fehr & Peers has developed quick-response tools that enable them to accurately compute and apply these metrics in the Coral Gables community. Amid scarce resources and rapid technological and demographic change, decision-making about transportation investment has never been more challenging. Fehr & Peers has a track record of leveraging better data and better metrics to support thoughtful and informed investment decisions.

To answer the questions:

- New data sources are emerging, but which ones are truly accurate and useful for planning our transportation systems?
- New metrics are being used to measure travel behavior and its associated impacts, but how do we compute them using the latest data and analytical techniques?
- New policy paradigms are developing around transportation and land use, but how do we make the decisions that best achieve the desired change?

Fehr & Peers launched their ASAP Initiative to help their clients answer these kinds of questions. Since that time, they have conducted a great deal of research and helped many of our clients navigate this period of evolutionary change. Perhaps the most important conclusion of our efforts thus far can best be summed up by the phrase **Better Data, Better Metrics, Better Decisions**.

Tools such as MXD+, Vision Zero analysis, and Big Data analysis have helped Fehr & Peers provide better data analytics to their clients. Their MXD+ tool quantifies Mixed-Use Development (MDX) Trip Generation and utilizes research from two major studies to more accurately predict vehicle trip generation from mixed-use developments. These studies identify key relationships between the mode of travel and the built environment.

Semantics are important and Fehr & Peers understands that:

1. Mixed-use development (or MXD) is a generic term for land use strategies
2. In 2010, Fehr & Peers partnered with the US EPA to create a MXD tool
3. Since then, Fehr & Peers continues to advance our proprietary MXD+ tool to be the best one in the industry

In addition, Fehr & Peers leverages Big Data and their MXD+ tool with their MainStreet tool to provide insight about trips by person, not just by auto, for a more complete picture of trip generation by all users; providing a full accounting of on-site and surrounding effects of Vehicle Miles Traveled (VMT).

The Mainstreet tool is one of the most accurate estimation tools that exists today and it accelerates accuracy and sensitivity in vehicle trip generation. In turn, higher accuracy means more environmental sensitivity, fewer needs for mitigation, more right-sized developments, and generally more predictable outcomes. This tool will help the Lochner Team provide the most accurate and valuable transportation planning and forecasting services on this contract.

Vision Zero is a strategy to eliminate all traffic fatalities and severe injuries, while increasing safe, healthy, and equitable mobility for all.

What sets a Vision Zero City apart?

A mindset that acknowledges traffic deaths and injuries are preventable. This understanding allows cities to approach prioritizing projects differently – not only addressing current problems, but proactively predicting and preventing future concerns. Tackling the complex challenge of traffic safety requires reaching across multiple disciplines, working together to dig into data differently, and engaging the community.

Fehr & Peers have worked with the cities of San Francisco, Los Angeles, and Sacramento to help them plan and implement their Vision Zero programs. They

led a robust, data-driven effort to identify the leading causes of traffic injuries and match efficient and cost-effective engineering countermeasures to address the safety challenges. They also facilitated a scenario planning process with multi-agency stakeholders to develop a prioritized list of Vision Zero projects.

Fehr & Peers project awards and presentations:

- "Taking Meaningful Action on Vision Zero," APA National Planning Conference (2017)
- "Safe Streets Save Lives," Vision Zero Cities (2017)
- ITE Vision Zero Task Force – Steering Committee and Technical Working Group
- "Vanishing Point: Vision Zero," ITE Annual Meeting (2016)
- TRB Pedestrian Committee Best Paper Award (2015)
- "Pedestrian Safety Evaluation & Measurement," TRB Annual Meeting (2015)
- ITE Pedestrian and Bicycle Standing Committee Best Project Award (2015)
- "Vision Zero – Make this Vital Policy Your City's MO", Association of Pedestrian & Bicycle Professionals Professional Development Seminar (2015)
- "Vision Zero for Pedestrian Safety: New Thinking from San Francisco and New York", Pro Walk/Pro Bike/Pro Place (2015)
- "Building Better Streets through Better Data: A Panel on Innovative Approaches to Tackling Pedestrian Safety," APA California (2015)
- APA Northern California Project of Merit (2014)
- Pedestrian and Bike Safety Assessments (2008): Best Program (2009), ITE Planning Council; Best Practice (2009), APA California

Matthew Ridgway, AICP, PTP, Principal, of Fehr & Peers is a national expert and has been involved in many of Fehr & Peers' highest visibility and most complex multi-modal projects. His key strength is his broad background and multi-modal approach, which he has applied to many bicycle, transit and pedestrian projects. Many of these projects have involved the development of tools for assessing unique performance measures and design of innovative transportation facilities. He has received countless awards for his work and has been involved with presentations of many Transportation Research Board (TRB) and ITE national publications for guidance on pedestrians, bikes, complete streets, smart growth, and many others. Recent projects include using Fehr & Peers mixed-use trip generation tool (MXD) to considering context sensitive solutions, develop a sustainable program, and smart parking alternatives for the District of Columbia Department of Transportation. In addition, he performed the alternatives analysis for the Sugarhouse Streetcar and Trails Project in Salt Lake City, UT and has developed Active Transportation Plans for a host of cities including Albany, Denver, El Cerrito, Emeryville, Fremont, Newark, Oakland, Pleasanton, Reno/Sparks, Richmond, Sacramento, San Francisco, San Jose, San Leandro, and Walnut Creek.

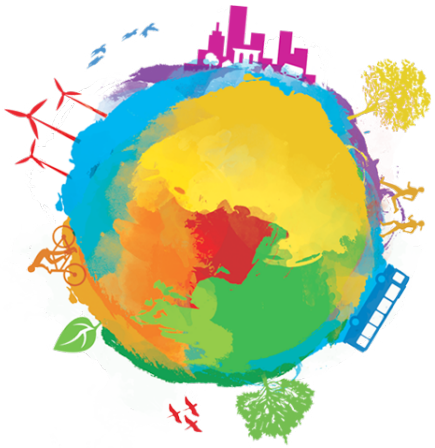
Matthew will be supported by:

Alex Rixey, AICP, Senior Transportation Planner, Fehr & Peers, has diverse project experience in travel demand modeling, transportation and parking studies, master plan and mobility element development, data analysis and visualization, and bike sharing system planning, with an emphasis on analyzing the effects of built environment and demographic characteristics on demand for all travel modes. Alex is proficient in the use of SAS, SPSS, and ArcGIS software, and has combined his passions for quantitative analysis and bicycling by developing a station-level bike sharing ridership model. Alex has also recently worked to develop multimodal transportation performance measures that incorporate land use, transportation, and accessibility factors for auto, transit, bicycle, and pedestrian modes as alternatives to the traditional Level of Service metric. Recent projects Alex has completed include the Downtown Dallas 360 Plan Update, which addresses issues of walkability, mobility, and urban design, among others. Alex recommended urban mobility principles, a street typology, and signature corridor design concepts to enhance streetscapes and mobility in Downtown Dallas. He conducted the first small area validation of the North Central Texas Council of Governments' regional travel demand model to reflect conditions in Downtown and used origin-destination big data from StreetLight to make significant adjustments to model trip lengths and travel patterns within and to Downtown, enabling the analysis of the effects of the land use and transportation network changes proposed in the Downtown Dallas 360 update.

Dana Weissman, Senior Transportation Planner, Fehr & Peers, has experience on a wide range of multimodal projects, including pedestrian and bicycle planning, safety, and research; park access and circulation; transit planning; and transportation impact assessment. Dana's particular focus is on multimodal safety and project prioritization. Dana led the high-profile Vision Zero project prioritization effort for the City of Los Angeles, as well as two pedestrian prioritization efforts with the City of San Francisco for their WalkFirst and Streetscape Prioritization projects. Dana has presented on Vision Zero and other innovative safety strategies at conferences across the United States. Her WalkFirst and Streetscape Prioritization projects won ITE and APA best project awards, and her Vision Zero paper was honored with Pedestrian Committee Best Paper Award at TRB in 2015. Recent projects include the San Francisco WalkFirst Pedestrian Safety CIP where created a prioritized pedestrian capital improvement project list to meet benchmarks outlined in the City's Pedestrian Strategy. The technical analysis used citywide pedestrian collision and injury data to understand the current nature of pedestrian crashes, profile different pedestrian crash types, determine the most effective countermeasures, and prioritize a strategy to treat the areas of greatest need for pedestrian infrastructure improvement.

2. Livable Cities

A livable city is dedicated to improving transportation, land use, open space, and environmental policies and helps foster walkable, diverse, healthy, and green neighborhoods, where walking, bicycling, and transit are the best choices for most trips, where public spaces are beautiful, well-designed, and well-maintained, and where housing is more plentiful and more affordable. These types of initiatives will ensure that Coral Gables is a safer, healthier, and more accessible city.



Jerry Walters, of Fehr & Peers will lead livable cities. Fehr & Peers have developed the transportation elements of the EPA's Smart Growth Database and have subsequently developed a Smart Growth Calculator for GSA and a number of tools and publications related to quantifying greenhouse gas (GHG) emissions. They have contributed to dozens of Climate Action Plans. They also developed the Caltrans' Smart Mobility Framework, a foundational document that preceded subsequent updates to the Caltrans Highway Design Manual (focused on Complete Streets, for which they prepared and delivered trainings to all Caltrans districts); development/refinement of regional models to better incorporate smart growth sensitivities; and advising the California Governor's office on implementation of SB 743 (the legislation that requires environmental documents to use VMT as a performance measure rather than LOS).

The Lochner Team will serve as the "peoples" planners and will partner with the City of Coral Gables to create a livable community, where transportation decisions will help preserve affordable housing and neighborhood-serving small businesses. Coral Gables is full of artists with a rich history. Arts and artists improve urban life for the rest of us; it's hard to imagine City of Coral Gables without art, and it certainly wouldn't be a livable one. Artists and artisans and their spaces are essential to a diverse and robust local economy, and support other big sectors of the economy like tourism. Smart land use planning and other policies can create and sustain places for artists and art spaces in Coral Gables, even as we address transportation issues. Therefore, streetscape concepts and designs will be developed that incorporated/preserve art spaces.

Because of the experience of our team, the Lochner Team has the ability to advocate to Miami-Dade County or the State for policy changes, programs, and projects which will make Coral Gables more sustainable, livable, and equitable. Our team has championed complete streets projects, greenway network projects, smart parking projects and transit improvement projects; all while keeping neighborhoods and commercial areas vital, diverse, and walkable. We will work with the community to identify additional areas for open streets, car-free space, for community health and connection, for the people, by the people.

The Lochner Team has the ability to work directly with residents and businesses to make Coral Gables more livable, including helping establish planning and zoning changes responsive to Coral Gables needs, helping plan and secure

funding for street and open space improvements, thereby helping businesses and community services thrive in Coral Gables.

Coral Gables is a great city. Vibrant, walkable streets will continue to make Coral Gables more livable and sustainable. Public spaces can be created within or near the streets and with pedestrian-friendly building design and proper smart parking management; Coral Gables will embrace a sustainable "car-free" transportation system where walking, cycling, public transit, and car-sharing will allow greater density without sacrificing livability or sustainability.

A few successful strategies for a more livable city that have worked are:

- Reclaiming road space/lane repurposing for greening and livability
- Tie streetscape improvements to new development.
- Green and restore front and rear areas of properties
- Protects and/or build a greenway network, and allow transferred development rights to preserve open spaces

Livability is at the Lochner Team's core values.

- We develop transportation recommendations that respect the living planet, and are in harmony with the natural systems that sustain all life.
- When available, we recommend the use of recycled, sustainable materials so that the earth's resources are used wisely, without compromising the well-being of future generations.
- We engage with "the people" and promote the health and happiness of the residents, by providing transportation opportunities for quality, active living and multimodal experiences; that do not impose undue environmental burdens on residents or visitors.
- Our public involvement campaigns are developed where residents are given the right to participate in transportation decisions which affect them, and alternatives are clear, transparent, and user-friendly.

In our experience we have developed five fundamental aspects of great, livable cities:

1. Robust and complete neighborhoods
2. Accessibility and sustainable mobility
3. A diverse and resilient local economy
4. Vibrant public spaces
5. Affordability

The Lochner Team will help Coral Gables make walking a joy, safe, comfortable and interesting, by encouraging quality sidewalks and transitions "between" building properties and streets by buffering pedestrians sidewalks/paths from traffic, reducing the speed of traffic on residential streets, and widening sidewalks. We will pay attention to all modes of transportation and to the quality of urban space that the transportation system supports. A livable, sustainable, and vital area depends on a robust, effective, and connected regional transit system. Coral Gables has the benefit of being able to leverage your existing system, without it interfering with the local traffic alignment.

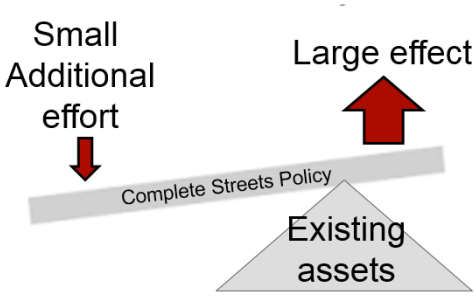
Jerry Walters, Chief Technical Officer, Fehr & Peers, leads the firm's Sustainability Practices, integrating transportation planning with sustainable climate, energy and quality of life. He has over thirty years' experience in transportation planning, engineering and travel forecasting. Jerry has served on Regional Targets Advisory Committee to the Air Resources Board on implementing California's landmark transportation/ land use and climate law SB 375, and the American Public Transit Association (APTA) working group on national guidelines for estimating climate change impacts of transit, advisory committee for Caltrans' "Assessment of Local Models and Tools for Analyzing Smart-Growth Strategies," and on the California Department of Housing and Community Development assessment "The Effect of Housing Near Transit Stations on Vehicle Trip Rates and Transit Trip Generation", the Southern California Association of Governments review panel on the regional economic impacts of State climate legislation, and on the California Transportation Commission working group on travel modeling guidelines for Regional Transportation Plans under law AB32. Traditional Neighborhood Design, Livable Streets - Jerry led transportation planning and conceptual design for Caltrans demonstration project on Context Sensitive Street Design on a segment of urban State highway, and for

award-winning Palm Drive redesign and the Campus Drive and Sand Hill Road corridor street improvements at Stanford University. He was the study Advisor on Santa Clara Valley Transportation Authority Best Development Practices study and development of multimodal transportation Level of Service standards and led the development of the Aurora, Colorado street standards for urban centers and transit oriented development.

Jeremy Klop, AICP, Principal, Fehr & Peers, has performed a wide range of multimodal planning and implementation projects across the United States. Through his combined expertise in travel demand forecasting and multimodal traffic operations, he has helped implement transportation projects in diverse settings such as high mountain Main Streets, economically challenged Midwestern towns, biomedical campuses, 4,000+ acre infill communities, thriving urban downtowns, and small transit villages throughout the Western US. He is known for working effectively with planning commissions, elected officials, advocacy groups, and multiple city departments to gain consensus on complex transportation planning issues. Recent projects include the Los Angeles Union Station Master Plan, which analyzed the relationship between transportation and land use. The multimodal approach included the interface between people arriving and connecting via all modes of travel and was focused on the experience and connection to the both the history and the future of this iconic station. Jeremy developed a management plan for parking, transit (rail and bus) enhancements, pedestrian and bicycle access enhancements, development trip generation analysis, alternatives development and evaluation for high speed rail integration.

3. Complete Streets

Complete Streets are streets for everyone. They are designed and operated to enable safe access for all users, including pedestrians, bicyclists, motorists, and transit riders of all ages and abilities; regardless of age, ability, or mode of transportation. Complete Streets make it easy to cross the street, walk to shops, and bicycle to work. They allow buses to run on time and make it safe for people to walk to and from train stations. By adopting complete streets practices and policies, the City of Coral Gables will ensure that every transportation project will make the street network better and safer for drivers, transit users, pedestrians, and bicyclists—making Coral Gables a better place to live and visit.



Bill Howell, PE, Lochner, will lead Complete Streets. We understand that complete streets empower the people. We recognize that the street network is a huge public asset, making up about 30% of Coral Gables urban space. We have national experience helping municipalities leverage their street network asset in achieving economic and livability goals. When planning or designing a complete street, we consider all users with every street decision. Complete streets remove roadblocks to contributing socially and economically to society, becoming healthier through active living, doing something on a personal level to improve air quality, and improving family financial conditions. Complete Streets make it easier and safer to cross the street, walk to schools, and shops, bicycle to work or for pleasure, and access buses, as well as enable buses to run on time. They also increase land values. Beyond these benefits, the largest and most immediate benefit may just be the ability to safely enjoy Coral Gables while walking, jogging, or riding our bikes.

What does a Complete Street look like?

There is no singular design prescription for Complete Streets; each one is unique and responds to its community context. A complete street may include: sidewalks, bike lanes (or wide paved shoulders), special bus lanes, comfortable and accessible public transportation stops, frequent and safe crossing opportunities, median islands, accessible pedestrian signals, curb extensions, narrower travel lanes, roundabouts, and more. However, each complete street is tailored to achieve the communities' goals for that specific area or neighborhood.

Complete Streets help create livable communities for various types of users, including children, people with disabilities, and older adults. Complete Streets improve equity, safety, and public health, while reducing transportation costs and traffic woes.

Lochner works the City of Coral Gables to ensure that city streets are designed and maintained as a green, safe and attractive public spaces that support walking, bicycling, and public transit. We support greater walkability, a citywide bicycle network, and fast and reliable transit alternatives. We encourage buildings that activate and engage the sidewalks, and to reduce the impact of driveways and utilities on walkability. Our complete street projects create streets where walking, bicycling, and transit are the best choices for most trips and where we create beautiful and well-designed public spaces. We partnered with landscape architects that have experience crafting streetscapes that integrate street trees and landscaping, energy- and resource-efficiency standards, and that minimize impermeable pavements to improve the livability of the city while reducing environmental impacts and infrastructure costs.

In high pedestrian and bicycle areas, the Lochner Team emphasizes streets that are designed around pedestrians and cyclists, and limit traffic to low speeds, where everyone, including children and seniors, can move safely on foot and on bike. These locations may include:

- Wide or buffered sidewalks
- Landscaping & Greenery
- High-Emphasis or Enhanced Crosswalks
- Green Bike Lanes
- Protected Bike Lanes
- Bicycle Intersection Treatments
- Bicycle Parking Zones
- Extended Curb Ramps for ADA Compliance
- Traffic Calming Strategies
- Residential Alleyways

The Lochner Team is familiar with national Complete Streets practices, as well as the Draft Florida Department of Transportation (FDOT) Complete Streets Handbook and new FDOT Design Manual. These documents will help us provide more context-sensitive roads by putting "the right street in the right place." We recognize that when developing complete streets concepts, protected bike lanes may not be appropriate for every bike street. In fact, protected bike lanes often produce difficulties at intersections, where bicycles need to merge with right-turning traffic. An innovative way to remove this conflict is to create shared space or bike boxes; where pedestrians, bike and "slow" moving cars share the right of way.

The Lochner Team has been at the forefront of the complete street movement. We offer our clients planning, operations and design experience and help our clients envision complete streets, and implement the concept with context-sensitive design. The National Complete Streets Coalition has recognized the "Sacramento Transportation and Air Quality Collaborative's Best Practices for Complete Streets," published in October 2005 and authored by Fehr & Peers, as an early success for the national complete streets movement. The final document, Creating Livable Streets" received a national award from the Environmental Protection Agency as an innovative approach to street design. Fehr & Peers has assisted the City of Los Angeles for the development of the Los Angeles Street Classification and Benchmarking System and the Complete Street Network as part of the Mobility Element Update. Fehr & Peers also participated in the development of street design guidelines for livable streets in the Portland, Oregon, and in the City of Denver, Colorado. We were the primary authors of the Institute of Transportation Engineer's (ITE) Innovative Bicycle Treatments and the California Pedestrian Safety Assessments (PSA) Guidebook, which incorporate best practices in pedestrian and bicycle safety engineering, planning, and policy, and is intended for use by a team of two evaluators. Assessments have been performed in nearly 50 California cities to date, with Fehr & Peers staff serving as the lead evaluator on all assessments. We have a proven record of successfully integrating character with the use of a street and helping communities visualize and create a safe and balanced streetscape environment.

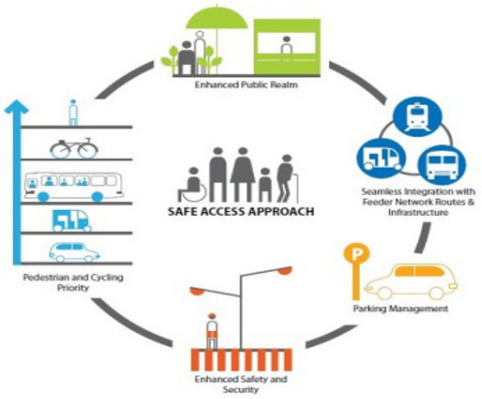
Bill Howell, PE, Lochner, has more than 35 years of experience in transportation engineering.He currently focuses on project development and environment (PD&E), corridor planning studies and complete streets. Bill has conducted and managed PD&E studies for dozens of state-level and local transportation improvement projects, often involving complex socioeconomic, environmental, cultural, and historical issues. Bill also has notable expertise in long-range planning, corridor studies, alternatives development and analysis, and conceptual design. Recent projects include the US 41, 10th Street to 14th Street Complete Streets Project in Sarasota, Florida; which received the **2014 FICE/FDOT Outstanding Special Project Award**. This project involved replacement of two US 41 intersections with roundabouts, narrowing travel lanes, adding bike lanes and lowering design speed to calm traffic. In addition, context-sensitive design features (improvement of transit, bicycle, and pedestrian facilities) were also included.

Jason Green AICP, Lochner, has a diverse background in urban and regional planning, project management, FTA program management, NEPA implementation, and public involvement. His areas of expertise include FTA programs and guidance, alternative development and analysis, existing conditions analysis, cultural and socioeconomic resource evaluation, environmental and land use compliance, and public involvement management. Mr. Green is experienced in managing FTA programs and developing materials that disseminate FTA circulars and guidance to educate and ensure compliance with federal law. In addition, he is experienced in all levels of NEPA compliance and documentation. He has assisted in leading regional land use and transportation visioning efforts, and has worked closely with municipalities throughout the state on a variety of land use and transportation issues and opportunities. Mr. Green has also been instrumental in expanding Lochner's transit program, including leading the development of a company-wide transit initiative business plan. Recent projects include the South Salt Lake Complete Streets Policy Workshop for the Wasatch Front Regional Council, where Jason conducted a series of workshops to enable the municipality to incorporate a Complete Streets policy into its downtown redevelopment plan. The workshops focused on the benefits of complete streets; South Salt Lake's strengths, weaknesses, opportunities, and challenges in relation to the adoption of a Complete Streets policy; key Complete Streets policy elements; How such policies fit into South Salt Lake's existing planning protocols; the identification of municipal procedures, policies, and plans that need to be changed to accommodate Complete Streets, and the creation of a framework for that change; and the development of a draft Complete Streets policy for South Salt Lake.

Charlie Alexander, PE, AICP, Senior Associate, of Fehr and Peers is a national Complete Streets expert who specializes in complex multimodal transportation planning and engineering projects. In addition to Active Transportation projects, his project experience includes traffic operations, safety, transit planning, travel demand forecasting and traffic engineering design projects. Charlie applies this diverse experience to projects that require complex bicycle, pedestrian and transit design solutions; consent-building around modal tradeoffs; and strategic stakeholder and community engagement. He is a leader of Fehr & Peers' companywide Bicycle & Pedestrian Discipline Group and teaches courses on Complete Streets to master's students and other practitioners through the University of Colorado, Denver, the National Complete Streets Coalition and the University of California, Berkeley. In addition to his Complete Streets work, Charlie has completed numerous campus planning and design projects for universities throughout Colorado and California including serving as the on-call traffic engineer for the University of California, Davis where he regularly developed solutions to resolve transportation-related issues for the 35,000-student campus.

4. Transit Planning

Andrea Ostrodka, AICP, LEED AP, Lochner, will lead Transit Planning. Lochner has the necessary experience and expertise to work with the City of Coral Gables to improve the timeliness, reliability, safety, and accessibility of public transit, which includes buses, rail, streetcar and bicycles. We are advocates for investments in transit capacity to relieve overcrowding and will identify strategies to grow transit ridership. Our experience spans from transit planning initiatives related to rail (commuter, light, and freight), bus rapid transit, intercity bus service, and regional intermodal systems, as well as for trails and other pedestrian/non-motorized facilities.



Miami-Dade MPO's SMART Plan for transit has emerged as a key element of public transportation development for the Miami area over the next decade and beyond. The successful implementation of this plan will require a close partnership between the City, D6 and the Miami-Dade County Department of Transportation and Public Works, as well as the Transportation Planning Organization. This team will be able to leverage prior transit system plan experience to ensure that the SMART corridors progress on an aggressive schedule, leveraging available Federal and State transit funding resources, and remaining focused on providing the appropriate mode, technology and quality of transit service at the right time in the future growth of the Miami area, and at the right locations within the region.

Market segmentation provides insight into the locations, demographic, and employment characteristics and commuting patterns of existing and emerging target groups in the City's service area. As required, we conduct a market assessment effort using a variety of available data, including the American Community Survey (ACS) 2015 population and demographic data, employment, school, and commercial data.

In addition, the City of Coral Gables is advancing an agenda that includes a multimodal approach to mobility and land use for the City and neighborhoods within the City. These plans include complete streets, bicycle safety, and expanded transit investments. Developing these plans and identifying future funding sources at the State and Federal level will be critical to the implementation of these plans. Further, coordination with the Miami-Dade Transportation Planning Organization (TPO) as the TPO and Miami-Dade Transit seek to implement the Strategic Miami Area Rapid Transit (SMART) Plan and as Federal planning requirements expand the criteria used to evaluate transportation investments and provide an opportunity to develop scenarios that guide growth and transportation investments in the region.

The Lochner Team recognizes that transit agencies can live and die by the experience of their consumers. When their riders know about their transit options and about the real time arrival of their transportation, they more easily can plan their trips. As a result, ridership, mode use and satisfaction can rise and complaints can fall. We have performed numerous transit planning studies, including most recently the Alt US 19-SR 595 Corridor Study in Pinellas County and the U.S. 192 Corridor Transit Alternatives Analysis for LINX.

Boothe Transit Consulting, LLC (BTC) is led by President Jeff Boothe who has spent nearly forty years in the public transit industry. He combines deep knowledge of the public transit industry; decades shaping federal laws, regulations and guidance that govern public transit; counseling clients on federal compliance issues; substantial understanding of the federal government as a Congressional staffer advising former United States Senate Appropriations Committee Chairman Mark O. Hatfield to advance the first light rail project in Portland, Oregon through the appropriations and federal approval process, as the leader of two major transit industry coalitions, and in the representation of many clients before the Department of Transportation, and the Federal Transit Administration and, a proven record of providing strategic guidance to clients seeking to secure federal funding and finance for capital projects through the Capital Investment Grants (CIG) program. Jeff has substantial experience in representing public transit authorities to secure FTA bus and rail project approvals.

Services offered by BTC include:

- Strategic advisory services to transit agencies, cities and project sponsors seeking to advance transit capital investments, including project prioritization, identifying funding options, and, project finance
- Advise on complying with federal laws, regulations and guidance impacting project approvals, project finance, procurement, and Buy America
- Technical assistance regarding the securing funding under the CIG program, including Core Capacity, New Starts, and Small Starts

Andrea Ostrodka, AICP, LEED AP, Senior Project Manager, of Lochner brings over 13 years of diverse public and private-sector experience in transit systems planning, urban planning, and project and team management with a focus in transportation, sustainable design, strategic planning, policy, code-writing, and public relations with a particular expertise in applying these skills to the design and creation of strategic plans and regional plans. She also has a broad base of experience in environmental and community systems. Recently, prior to joining Lochner, Andrea served as Director of Planning & Development for the Central Florida Regional Transportation Authority (LYNX), where she directed day-to-day operations of strategic planning, engineering, construction, routes and schedules, intelligent transportation

systems (ITS), and grants; established and monitored performance metrics and best practices for transit operations; and assessed operational and financial impacts.

Lara Bouck, PE, AICP, Senior Planner, of Lochner has more than 10 years' experience in transportation and transit planning. She has been a key player in a number of large-scale projects and completed a diverse range of planning activities for private, municipal, regional, and state-level clients. Her expertise encompasses feasibility and corridor studies, project development and environment (PD&E) studies, capital cost development, social and cultural impact analyses, public involvement techniques, and the preparation of FTA and NEPA documentation. She has had notable involvement in transit planning initiatives related to rail (commuter, light, and freight), bus rapid transit, intercity bus service, and regional intermodal systems, as well as for trails and other pedestrian/non-motorized facilities. She has also worked on numerous transportation- and traffic-focused planning projects, ranging from city center master plans to PD&E studies for interstate improvements.

Susan Neiswender Black, JD MPA, Senior Program Manager, of Lochner has over 25 years of diverse public and private-sector experience in organizational development and planning, performance management, risk management, program management and team management with a focus in process and system design, policy development, and strategic planning and implementation. Recently, prior to joining Lochner, Susan served as General Manager / Interim CEO of the Central Florida Regional Transportation Authority (LYNX), where she effectively managed the LYNX public transit system: $120 million annual operating budget, 3 facilities locations, 300 vehicles and 75 routes serving over 100,000 riders daily across 2,500 sq. mi., with over 4,500 bus stops/shelters within the tri-county service area.

Jeffrey F. Boothe, President of BTC is a leader in the public transit industry, he has created a niche in surface transportation policy, developing a proven track record of successfully advancing public transit projects through the Federal project approval process. Jeff combines nearly 40 years of legislative experience, leading major transit advocacy coalitions in Washington, DC, and advocating for capital projects currently in revenue service that successfully completed the Federal Transit Administration (FTA) approval process. Prior to establishing BTC, he spent 15 years working at Holland & Knight where his leadership in transportation was recognized in US News and World Report in 2015. Jeff is the only chair of the New Starts Working Group (Working Group) since it was formed in 1995. Members include transit properties, cities, and private sector companies that actively support expansion of federal funding for the construction of transit capital projects. He also serves as Executive Director of the Community Streetcar Coalition (CSC). The CSC is an organization of cities, transit authorities and architectural and engineering firms established to affect federal legislative and regulatory issues that impact the funding and advancement of streetcar projects nationwide. In 2015, Jeff completed a three year term on the Board of Directors for the American Public Transportation Association (APTA). He also served on the APTA Business Member Board of Governors from 2005-2015. He is a board member for the Center for Transportation Excellence, which was established to assist local areas to respond to transit critics and conduct successful elections for transit ballot initiatives.

5.Bicycle and Pedestrian Planning

James E. Spinks III, PE, PTOE, Lochner, will lead Bicycle and Pedestrian Planning. James recognizes that planning and design for bicycling and walking evolves continually and their staff's investment in research, as well as our presence in leadership roles of national organizations has kept them in front of this field. The Lochner Team is heavily invested in bicycling and walking – some live car-free and others are competitive cyclists, but we pride ourselves on being objective and fact-based. The Lochner Team philosophy is to balance the needs of all modes while offering expert knowledge of best practices.

The Lochner Team offers a full range of bicycle and pedestrian planning services, including:

- Bicycle Pedestrian and Trail Master Planning
- Pedestrian & Bicycle Design Innovations

- Bike Share Planning and Design
- Wayfinding Planning and Design
- Health Impact Analysis
- Pedestrian & Bicycle Safety, including Vision Zero
- Complete Streets Planning and Design
- Safe Routes to Schools
- Bikeway Design, Plans, Specification, and Estimates
- Safe Routes to Transit
- Bicycle & Pedestrian Forecasting and GIS Analysis

The Lochner Team understands that pedestrian and bicycling improvements directly substitute for automobile trips and support public transit and ridesharing. Residents of communities with good walking and bicycling conditions drive less and use transit more.

One of Lochner's main goals on this contract is to transform Coral Gables streets into a pedestrian-oriented network of landscaped bicycle boulevards and green neighborhood streets, which will link the city's neighborhoods to one another and to the major parks, wildlife corridors, ocean/waterfront, and public transit hubs. This network will serve as sustainable transportation infrastructure (walking, bicycling, and public transit), and provide storm water infiltration and management, natural habitat, recreation, and neighborhood economic development – **making Coral Gables the most bicycle friendly in the nation.**

The Lochner Team knows that planning so that pedestrians, bicyclists, and motorists can travel safely and conveniently can be a balancing act, but the benefits reaped by well-balanced transportation and land use planning are significant. Communities that are bicycle- and pedestrian-friendly have one thing in common: they place a high priority on planning methods and policies that favor alternative modes of travel. At present, the City of Coral Gables bicycle network includes 10.2 miles of bicycle lanes, shared use paths, and greenways. The City of Coral Gables Bicycle and Pedestrian Master Plan has a strong vision of low stress, safe and convenient bicycle and pedestrian streets that will encourage bicycling and walking, enhance the environment and improve public health and quality of life, along with more than 27 miles of new or improved bikeways, sidewalks, and crosswalks. It recommends a comprehensive expansion of bike infrastructure that will appeal to all types of users. As people increasingly choose to use a bicycle as a mode of transportation, vehicular traffic is reduced, balancing the transportation system and contributing to a more vibrant and livable Coral Gables. Our team is well-positioned to help the City shift towards a balanced transportation network that elevates human based modes – bicycling, walking and taking transit – as viable forms of transportation for a majority of city residents.

We have repurposed underutilized travel lanes to create bike lanes and also converted existing bike lanes into protected bike lanes, which provides added safety for cyclist through the use planters, curbs, parked cars or posts to separate bike and auto traffic on busy streets. These types of improvements are essential to building a full network of bike-friendly routes and can be incorporated into the City of Coral Gables Complete Streets plans and policies or into traffic calming measures.

The Lochner Team doesn't just have experience planning conceptual bike lane, protected bike lane or greenway projects; our design team has implemented them all across the nation.

Through our extensive experience, we have learned that bicyclist can be protected in a number of different ways:

- Stripped Buffers
- Delineator Post
- Bumps (Turtle, Large or Oblong)
- Parking Stops
- Parked Cars
- Linear Barriers (Short or Jersey)
- Planters
- Rigid Bollards

- Cast in-place Curb or Pre-cast Curb
- Raised or Elevated Bikeways

Depending on the conditions and budget, the Lochner Team will find a solution that fits!

Walking is the oldest, most efficient, affordable, and environmentally-friendly form of transportation. Walking is how transit riders eventually reach their destinations, how drivers get from the parking lot to the front door, and how cyclists get from the bike rack to the business. And walking is about more than transportation. Walking helps to build strong communities and is the primary way that neighbors get to know one another. Walking is also great exercise and an easy way to improve your mental and physical health. Nearly everyone, for at least some portion of every day, is a pedestrian.

The City of Coral Gables's Bicycle and Pedestrian Master Plan is a long-term action plan with pedestrians and bikes prioritized, which include recommendations to enhance the bicycle/pedestrian experience and also safety, such as:

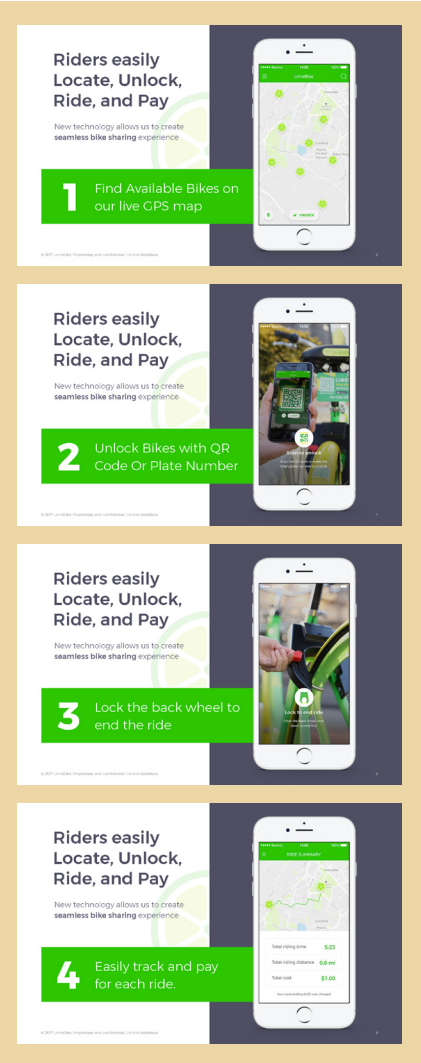
- Regional connections
- Shared-Use Paths
- Protected Bike Lanes
- Bike Lanes
- Bicycle Boulevards
- Bike Racks/Parking/Shelters/Lockers/Stations
- Sidewalks
- Crosswalk Improvements
- Pedestrian Islands

The policies, programs, design criteria, and projects outlined in the plan will further enhance pedestrian safety, comfort, and access in Coral Gables, making transportation system more environmentally, economically, and socially sustainable. The Lochner Team has experience working with municipalities and within these types of policies will develop cost-feasible constructible solutions to make Coral Gables a more walkable, livable, and healthy city.

While the roadway projects may have ample right of way, bicycle parking may prove to be challenging. Coral Gables currently does not have a bike share program and utilizes bike rentals that are available at No Boundaries Bike shop, located across the street from City Hall. Traditional bike share systems use fixed docking stations. Infrastructure, operations and maintenance, and locations of the fixed docking stations often create difficulties. The result is limited number of stations, which also caps the number of riders and higher costs for the users. The City has been offering "free bike racks to business". To complement the goal for more bicycle parking, a focus on newer technologies that are "dockless" needs to be implemented. By not having docking stations, Coral Gables can increase available designated parking locations, improving both bike availability and convenience for the end-user, resulting in higher levels of ridership that can be scaled, neighborhood-by-neighborhood. Many of these new technologies are equipped with an app on your smart phone, where users can view bikes on the map, walk to the nearest bike, then use the app to unlock the bike to ride. These new systems eliminate docking stations and are secure with anti-theft lock and alarm, double kickstand for parking stability, and front lights. This creates a broadly distributed system, with bikes that are more accessible and affordable to all.

To fulfill this goal, Lochner has partnered with LimeBike, who is ready and capable to bring "dockless" bike share to the City of Coral Gables. LimeBike has a zero cost liability rollout with dockless stations. By breaking free of costly stations, LimeBike can serve the entire Coral Gables community and scale a flexible fleet using data to maximize potential program ridership. They cover all of the costs of equipment, operations and rider outreach, it's free to cities. There is absolutely no funding required to operate and expand their service; its complementary with city mobility objectives; utilizes dockless technology allows bikes to be widely available throughout community to fully realize potential; it's simple, more affordable pricing making bikes more universally accessible; and they utilize advanced technology with 3G/GPS and smart-locks.

LimeBike just successfully launched their first Florida-based bike share program in Key Biscayne on June 22, 2017. This launch included more than 180 bikes strategically located throughout the city that can easily be located using the free App and residents rode for only one dollar ($1), and their first ride was free. In addition to Key Biscayne, LimeBike has also implemented dockless bike share programs in UNC-Greensboro (125 bikes, May 2017), with plans to launch in South Bend, IN (1,000 bikes, July 2017), Greensboro, NC (1,800+ bikes, July 2017), South San Francisco (300+ bikes, July 2017), and Tahoe, CA (300 bikes, July 2017)



The bikes are equipped with a solar panel to charge the battery supply; smart IoT Technology, including 3G/GPS enabled, mobile app, synced Smart Lock; wide tires, drum brakes, bright color, lights, and frame tested with 880 lbs of load and CPSC certified for safety; airless tires and durable parts to withstand elements and frequent use, virtually maintenance free; and a light frame that is easy to ride.

The City of Coral Gables is home to the University of Miami, which lines "The Underline", the land below Miami's Metrorail along US-1. The Underline is currently a multi-use trail, with a vision to transform this land into a 10-mile linear park, urban trail, and living art destination. The Underline is the spine of a future connected network of countywide bicycle/pedestrian infrastructure and trails, providing direct connectivity to the proposed Ludlum Trail, Snapper Creek Trail, and the South Dade Transitway. These extensions provide the backbone to an extensive trail system throughout Miami-Dade County. The City of Coral Gables, partnered with LimeBike could pioneer Miami-Dade sustainable communities and serve as a blueprint for the rest of the County, connecting people to people, along trails of bikes throughout the County.

Pedestrian and bicycle supportive street design techniques make transit faster, walking safer, and public life more pleasant.

James E. Spinks III, PE, PTOE, Senior Transportation Engineer, of Lochner brings more than 18 years of experience. James has applied for 25 mph speed limit designations for multiple Miami-Dade cites, developed citywide traffic calming master plans for multiple municipalities with the Miami-Dade Department of Transportation and Public Works (DTPW) that contained traffic circles, speed tables, and complete street concepts that included lane repurposing, wide sidewalks, mid-block crosswalks, landscaping, bike lanes, bulb-outs, high-emphasis intersection crosswalks, and operational and safety improvements at intersections. In addition to municipal projects, James also recently served as the Project Manager to the Miami-Dade Transportation Planning Organization (TPO), where he managed the Protected Bike Lanes Master Plan, the 2015 and 2016 Safe Routes to School Infrastructure Plans, and the Bike Friendly Miami-Dade Plan. Prior to joining Lochner, James recently managed a Traffic Operations and Safety Contract for FDOT Districts Six, where he completed the SW 107th Avenue, south of SW 88th Street Pedestrian Study that developed recommendations to mitigate one of highest pedestrian crash locations in Miami-Dade County, including a warranted mid-block pedestrian crossing. In addition, James developed enhanced bicycle and pedestrian improvement recommendations on SR A1A in Sunny Isles Beach, where a high rate of cyclist and pedestrian crashes occur, including separated bike lanes.

Matt Wey, PE, PTOE, Senior Transportation Engineer, of Lochner has 18 years of experience with providing comprehensive traffic engineering, multi-modal transportation planning and Project Development and Environment (PD&E) services throughout the State of Florida. His responsibilities serving as project manager and lead engineer on various multi-modal transportation planning projects/NEPA studies have included developing access management plans, conducting traffic impact and transportation corridor studies, developing design traffic memoranda, writing

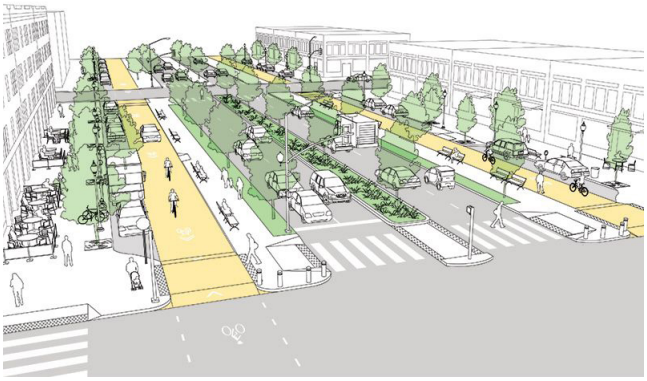
preliminary engineering reports, engaging in public involvement activities, documenting environmental determinations, performing conceptual roadway design, transportation cost estimating, reviewing enhancement project phase submittals and conducting technical analyses in support of Interchange Modification Reports (IMRs) and Interchange Operational Analysis Reports (IOARs). He recently completed task on the 15th St East/301 Blvd East PD&E Study from Tallevast Rd to US 41 in Bradenton, FL, where he developed Complete Streets related recommendations, such as bicycle lanes, sidewalks, pedestrian crossings, street lighting, and roundabouts, as well as transit improvements.

Charlie Alexander, PE, AICP, Senior Associate, of Fehr & Peers is a national Complete Streets expert who specializes in complex multimodal transportation planning and engineering projects. In addition to Active Transportation projects, his project experience includes traffic operations, safety, transit planning, travel demand forecasting and traffic engineering design projects. Charlie applies this diverse experience to projects that require complex bicycle, pedestrian and transit design solutions; consent-building around modal tradeoffs; and strategic stakeholder and community engagement. He is a leader of Fehr & Peers' companywide Bicycle & Pedestrian Discipline Group and teaches courses on Complete Streets to master's students and other practitioners through the University of Colorado, Denver, the National Complete Streets Coalition and the University of California, Berkeley. In addition to his Complete Streets work, Charlie has completed numerous campus planning and design projects for universities throughout Colorado and California including serving as the on-call traffic engineer for the University of California, Davis where he regularly developed solutions to resolve transportation-related issues for the 35,000-student campus. He recently completed the East Arapahoe Transportation Plan in Boulder, CO, a four-mile corridor, where he developed a corridor plan including one-way protected bike lanes, multi-use paths and intersection treatments to improve bicyclist and pedestrian safety. He also led the alternatives analysis, which was ranked according to level of comfort for bicyclist and pedestrians and produced forecasts of likely levels of walking and biking with implementation of the plan. He also prepared design plans for protected bike lanes on Stout Street, for the Stout Street, Champa Street & 29th Avenue Bike Lane Designs Project, in Lakewood, CO, including buffered bike lanes on Champa Street and a combination of protected, buffered and standard bike lanes on 29th Avenue.

Dana Weissman, Senior Transportation Planner, of Fehr & Peers brings wide range of experience on multimodal projects, including Pedestrian and Bicycle Planning, Safety, and Research; Park Access and Circulation; Transit Planning; and Transportation Impact Assessment. Dana's particular focus is on multimodal safety and project prioritization. Dana led the high-profile Vision Zero project prioritization effort for the City of Los Angeles, as well as two pedestrian prioritization efforts with the City of San Francisco for their WalkFirst and Streetscape Prioritization projects. Dana has presented on Vision Zero and other innovative safety strategies at conferences across the United States. Her WalkFirst and Streetscape Prioritization projects won ITE and APA best project awards, and her Vision Zero paper was honored with Pedestrian Committee Best Paper Award at TRB in 2015. Recent projects include the San Francisco WalkFirst Pedestrian Safety CIP where created a prioritized pedestrian capital improvement project list to meet benchmarks outlined in the City's Pedestrian Strategy. The technical analysis used citywide pedestrian collision and injury data to understand the current nature of pedestrian crashes, profile different pedestrian crash types, determine the most effective countermeasures, and prioritize a strategy to treat the areas of greatest need for pedestrian infrastructure improvement.

Sam Goater, PE, Project Engineer, of Street Plans Collaborative is a licensed Professional Engineer, with ten years of broad civil and transportation engineering experience in the public and private sectors, Sam's mission is to create walkable places that get more people on bikes. Growing up riding bikes for fun, and for transportation, Sam developed a keen understanding of how street design affects road user behavior, transportation choices, and livability. After completing his Bachelor of Engineering in Civil Engineering at Southampton University (UK), he moved to the United States, and was amazed at how street design makes many places inaccessible to people walking or biking. Determined to put his engineering background to use to help redesign the streets and to get more people walking and cycling, Sam has worked on Safe Routes to School initiatives, shared space, bike infrastructure projects, and has even built a few pump tracks. Prior to working for Street Plans, Sam worked for Dubois & King, the Connecticut Department of Transportation, and most recently as a Senior Associate at the Project for Public Spaces in New York City, where his primary work involved helping decision makers understand that streets are places, too.

6. Urban design



Alfredo C. Sanchez, AIA, AICP, LEED AP, of B&A will lead Urban Design, supported by Street Plans Collaborative. B&A's Urban Design and Landscape Architecture team have extensive experience working across a broad spectrum of project types in various contexts and locales. Collaborating with communities, stakeholders and agencies to design high-quality urban environments that respond to the local needs and surrounding areas is a priority for our clients and thus emphasized through design to create great places.

B&A's familiarity with current planning issues in South Florida and best practices of urban design is indicated by a work portfolio that ranges from major expressway Master Plans to specific area plans. Sea level rise is a major concern in South Florida, and we are cognizant of the City of Coral Gables regulations and efforts to respond to this challenge and understand that this is an integral part of planning in South Florida today.

B&A's portfolio of work includes major parks, of various scale, including a multitude of uses, incorporating beach walks, pedestrian ways and shared use paths. Most recently, B&A has completed the Truman Presidential Park, a major urban space in the City of Key West, Florida. This park links park activities to the downtown and develops a unique waterfront destination on a former naval base.

Additionally, B&A has prepared the City of Pompano Beach City-Wide Parks Master Plan that included a Bicycle Mobility Plan to establish the location of bicycle circulation improvements within the city's streets and dedicated pedestrian/bicycle areas to link city park facilities via bicycle. The process included an analysis of existing city bicycle system, identification of bike boulevard routes based on desired origin and destination. It also included route planning, signs and pavement marking, and speed management to bring the speed of cars closer to that of bicycles, and volume management to reduce the amount of traffic on local streets designated as bike boulevards, as well as managing street crossings with right of way priorities for bikes and visibility measures.

With vast experience in the design of transit facilities and station area plans, B&A has developed plans for the Baylink Project, the North Corridor Extension of Metrorail and the SR7 Bus Rapid Transit Project

Alfredo C. Sanchez, AIA, AICP, LEED AP, Urban Designer, of B&A brings 40+ years of architecture and urban planning and design experience on over 100 major planning studies and urban design plans in Miami. He specializes in city wide master plans, corridor plans, major reconstruction efforts, pedestrian improvements, urban, retail and mixed-use Development projects, land planning projects including redevelopment and design of new communities. Recent projects include the Village of Palmetto Bay Downtown Master Plan, Palmetto Bay, FL; Village of Palmetto Bay Downtown Urban Village Regulations (Form Based Code), FL; Port Tampa Bay Channelside Master Plan, Tampa, FL; Cypress Creek Mobility Hub Master Plan, Ft. Lauderdale, FL; Pompano Beach Waterfront Master Plan, Pompano Beach, FL; Baylink Light Rail Urban & Station Design, Miami Beach, FL; and North Corridor Alternative Analysis & Station Area Design, Miami-Dade & Broward Counties, FL.

Joshua Rak, Urban Design/Form Based Code, of B&A brings 10 years of Urban & Planning experience with extensive experience in the creation urban design details and zoning ordinances. He is knowledgeable/experienced in formulation & implementation of the regulatory needs. Recent projects include the 2040 Strategic Master Plan, Miami-Dade Expressway Authority, FL; TIGER Grant-Tampa Channelside, Tampa, FL; Marassi Marina Update; Village of Miami Shores Community Center Feasibility Study; West Dade Finding of Necessity; La Chorrera Development Plan, Panama and the Tapia Property in Panama.

Anthony Garcia, Urban Designer, of Street Plans Collaborative leads the firm's Miami office. Tony is a nationally recognized architect, writer, speaker, and advocate in the in the field of transit, pedestrian and bicycle infrastructure.

As a writer and advocate, Tony's work has appeared in or been featured by The Daily Business Review, Atlantic Cities, Next American City Magazine, New Urban News, The Real Deal, Momentum Magazine, Streetsblog, the Miami Herald, the El Paso Times, and The Miami New Times, among other publications. Tony is a coauthor of the globally acclaimed series Tactical Urbanism: Short-Term Action, Long-Term Change Vol. 2, and together with Mike Lydon is the recipient of the 2017 Seaside Prize and co-author of Tactical Urbanism, published by Island Press in March 2015. He is a part-time adjunct faculty member at the University of Miami School of Architecture, and is currently Chairman of the Green Mobility Network, the largest bicycle pedestrian advocacy organization in South Florida. He co-founded the Ludlam Trail project, which will result in the addition of over 50 acres of new park space in Miami-Dade County. Among the many professional organizations he is active with are the Association of Bicycle and Pedestrian Professionals, the Congress for the New Urbanism, and Green Mobility Network. He lectures and leads workshops on the topics of architecture, urban design, smart growth, tactical urbanism, and complete streets/active transportation. Prior to launching the firm's Miami office, Tony was Project Director for six years at the Dover Kohl & Partners affiliated architecture firm Chael Cooper & Associates, and from 2008 to 2012 he was the Publisher and Managing editor of the transportation blog TransitMiami.com, an award-winning web journal dedicated to public participation and discourse in South Florida.

Sherryl Muriente, Project Director, of Street Plans Collaborative has a strong background in urban acupuncture, design, and architecture, as well as six years of experience teaching urban design courses and workshops. She has collaborated on projects in Taiwan, Italy, Puerto Rico, and South Florida. Prior to joining Street Plans, Sherryl worked as an urban design instructor at Florida Atlantic University, where she managed an international exchange program, mentored students, researched and presented her work in tactical urbanism, community storytelling, and the human layer of planning and design. Sherry has also served as the Creative Director of LeJobart, artist duet, in which she has curated and managed large-scale public art projects. She has worked on an array of community engagement projects that use tactical urbanism demonstration techniques and processes for community-led interventions, alleyway restorations, and parklet studies, such as C'est la Via, Sistrunk's Story Share, the Megaphone, and the Street Balcony Pilot Project. As part of her grant work, Sherryl has also managed the first Office of Public Life in the U.S., as an urban lab, with Gehl Studio in the City of West Palm Beach. Her work in Artena, Italy has been featured as part of a biourbanism documentary, ReGeneration City. An advocate for common sense urbanism, incremental urban planning, and testing of demonstrations and pilot studies, Sherryl brings an expertise in getting the community engaged in activating place through action.

7. Traffic engineering

James E. Spinks III, PE, PTOE, Lochner, leads the Traffic Engineering. Our team provides a broad range of professional traffic engineering services such as level of service/ highway capacity analyses, microscopic traffic simulation, traffic signal timing and optimization, safety analysis. Lochner specializes in a full range of traffic engineering to solutions to achieve optimum levels of operation and safety for the roadway system, including:

- Qualitative Assessments
- Left-Turn Phase Warrant Analysis
- Traffic Engineering Research
- Traffic Operations Safety Before & After Studies
- Intelligent Transportation Systems (ITS)
- Signalization & Pavement Markings
- Parking & Origin-Destination Studies
- Traffic Data Collection
- Traffic Impact Studies
- Operational Analysis
- Benefit/Cost Analysis
- Safety & Accident Studies
- Safety/Crash Analysis
- Net Present Value Analysis

- Expected Value Crash Analysis
- Traffic Signal Design
- Travel Time and Delay Studies
- Intersection Delay Studies
- Queue Analysis
- Vehicle Gap Studies
- Conflict Analysis
- Spot Speed Studies
- Sight Distance Analysis
- Roadway/Highway Lighting Studies
- Safe Curve Speed Studies
- Collision Diagrams
- Railroad Crossing Preemption Studies
- Parking Analysis
- Fatal Crash Reviews
- High Crash Location Investigation
- Road Safety Audits
- Expressway and Arterial Level of Service Analysis
- Intersection Analysis
- Arterial Analysis
- Pedestrian & Bicycle Safety
- Mid-Block Crossing Warrants
- Capacity Analysis
- Safety Improvement Recommendations
- Signal Warrant Analysis
- Microscopic Simulation
- Access Management
- Traffic Signal Retiming, Phasing & Optimization
- Pedestrian & Bicycle Safety

The Lochner Team conducted hundreds of traffic studies for public and private clients covering all phases of traffic engineering, including data collection, analysis and projections, generation and evaluation of short and long term improvements for intersections and roadway segments, etc. In fact, our proposed Project Manager and traffic engineering lead, James E. Spinks III, PE, PTOE, for nearly 20 years has managed and participated in multiple traffic operations and safety contracts in FDOT District 6 and District 4; involving more than 300 TWOs investigating High Crash Locations, Fatal Crash Reviews, 3R Safety Reviews, updates to the Skid Hazard Reporting System, Road Safety Audits, Intersection/Arterial Analysis, Signal and Left-turn Warrant Analysis, Speed Zone Studies, Traffic Operations Safety Reviews, Before and After Studies and Qualitative Assessments among others.

Work-orders under this "on-call" contract may also be generated to address citizen's request or "hot spots" identified by elected officials, management or private citizens to correct operational or safety issues. In addition, there may be high crash locations or fatal crashes that may need to be investigated. Having provided similar services for nearly 20 years, the Lochner Team understand policies, procedures, project delivery requirements and how to coordinate with Claudia Diaz and Darlene Fernandez at the Miami-Dade Department of Transportation and Public Works (DTPW) to get Coral Gables projects approved. We understand to develop feasible operational and safety recommendations that blossom into actual projects.

Our staff's experience also includes traffic impact analyses, as well as the ability to review the work of other consultants performing traffic engineering work for our public and private clients.

We also have an extensive amount of experience in the planning and design of the following important pedestrian/bicyclists access/safety features: special crosswalk markings, overhead signage, bulb-outs, midblock crossings, refuge islands, pedestrian corrals, and over/underpasses.

Multimodal considerations are essential to guarantee the proper balance between transportation mobility, connectivity and safety within the Complete Streets concept. We have extensive experience in conducting bicycle and pedestrian studies for all users within suburban environments and heavily congested urban settings.

The Lochner Team has extensive experience in performing traffic analysis at all levels from generalized planning analysis to the most complex and detailed operational analysis. Experience in macro analysis includes the use of deterministic/analytical tools such as Generalized Service Volume Tables, LOSPLAN 2012, HCS2010 (HCM 2010 methodology), Sidra and Synchro 10 (HCM 2010/6th Edition & Percentile methodologies). Micro Analysis experience (to perform microscopic simulations) includes SimTraffic 10, Corsim and Vissim 9.

The Lochner Team will prepare traffic plans that increase safety, reduce traffic speeds and volumes, and discourage short-cuts through residential neighborhoods; creating a community livability and a more pedestrian- and bicycle-friendly environment.

James E. Spinks III, PE, PTOE, Senior Transportation Engineer, of Lochner brings more than 18 years of experience. James has applied for 25 mph speed limit designations for multiple Miami-Dade cites, developed citywide traffic calming master plans for multiple municipalities with the Miami-Dade Department of Transportation and Public Works (DTPW) that contained traffic circles, speed tables, and Complete Street concepts that included lane repurposing, wide sidewalks, mid-block crosswalks, landscaping, bike lanes, bulb-outs, high-emphasis intersection crosswalks, and operational and safety improvements at intersections. In addition to municipal projects, James also recently served as the Project Manager to the Miami-Dade Transportation Planning Organization (TPO), where he managed the Protected Bike Lanes Master Plan, the 2015 and 2016 Safe Routes to School Infrastructure Plans, and the Bike Friendly Miami-Dade Plan. Prior to joining Lochner, James recently managed a Traffic Operations and Safety Contract for FDOT Districts Six, where he completed the SW 107th Avenue, south of SW 88th Street Pedestrian Study that developed recommendations to mitigate one of highest pedestrian crash locations in Miami-Dade County, including a warranted mid-block pedestrian crossing. In addition, James also developed enhanced bicycle and pedestrian improvement recommendations on SR A1A in Sunny Isles Beach, where a high rate of cyclist and pedestrian crashes occur, including separated bike lanes.

James is familiar with the local area, as a he recently managed engineering contracts with FDOT District Six Traffic Operations and Safety Office and the Miami-Dade County TPO, just prior to joining Lochner. **James has completed more than 300 Traffic Operations TWOs for FDOT.** James is adept with the Miami-Dade County permitting agencies and procedures, as well as FDOT. He has established relationships with the agency's review and permitting staff and understands their expected standards and procedures, ensuring a smooth and quick approval process for any type of project. He understands Miami-Dade's Miami-Dade Traffic Flow Modification(s) Street Closure(s) procedures and thresholds for traffic calming and is creative in obtaining funding for traffic studies, through alternative revenue sources.

Matt Wey, PE, PTOE, Senior Transportation Engineer, of Lochner has 18 years of experience with providing comprehensive traffic engineering, multi-modal transportation planning and Project Development and Environment (PD&E) services throughout the State of Florida. His responsibilities serving as project manager and lead engineer on various multi-modal transportation planning projects/NEPA studies have included developing access management plans, conducting traffic impact and transportation corridor studies, developing design traffic memoranda, writing preliminary engineering reports and engaging in public involvement activities, documenting environmental determinations, performing conceptual roadway design, transportation cost estimating, reviewing enhancement project phase submittals and conducting technical analyses in support of Interchange Modification Reports (IMRs) and Interchange Operational Analysis Reports (IOARs). He recently completed task on the 15th St East/301 Blvd East PD&E Study from Tallevast Rd to US 41 in Bradenton, FL, where developed "complete streets" related recommendations, such as bicycle lanes, sidewalks, pedestrian crossings, street lighting, and roundabouts, as well as transit improvements.

Brad Lucas, PE, Senior Transportation Engineer, of Lochner has more than 15 years of experience managing and designing projects for numerous state and local governments. He is an expert in roadway, freeway, signing, striping, traffic control and intersection design, including signals, roundabouts, CFIs, limited access, SPUIs, and diamond interchanges. He is also proficient in alternative development and analysis, and traffic analysis and simulation. Mr. Lucas has successfully completed quality designs for over 50 signalized intersections. He is well-versed in UDOT, AASHTO, and MUTCD standards and has gained extensive experience in conducting alternative analysis, designing local street

improvements and intersections, and developing multi-phase maintenance-of-traffic plans, construction phasing plans, and engineering estimates.

Supporting Services for this Contract

Surveying

Manuel G. Vera & Associates Inc. (MGV) is qualified as DBE, SBE, MBE and CBE. The main (Corporate) office is located in Miami-Dade County, our Central Florida office is located in Orange County, and we also have an office in Jupiter, Florida. MGV was established in Miami-Dade County in 1977. Since then, survey and mapping is what we have specialized in and is all we do. In over our 40 years of existence, there has not been a survey task, terrain, or problem we have not seen. MGV is a unique firm, in that it has the capability and technology of our competitors, but our principles are patterned by a family business with a service oriented and sound quality control ideology. This ideology is the foundation for our firm, and the reason MGV is revered as one of the premier survey firms in South Florida. It is one of the main reasons we have maintained an excellent rating from past and present contracts. MGV will always perform our projects to our client's specifications, by meeting and exceeding standards and expectations. This is why we support, as subconsultants, hundreds of engineering and construction firms throughout the State of Florida. In addition to our Florida Department of Transportation experience with District 4 (Broward, Palm Beach, Martin, St. Lucie and Indian River Counties), District 6 (Miami-Dade and Monroe County), and Florida's Turnpike Enterprise, our firm has been, and is currently, providing Miscellaneous Survey and Right of Way Mapping Services to a number of Cities, Counties, and Municipalities throughout South Florida, as well as State and Federal Agencies such as: South Florida Water Management District, South Florida Rail Transit Agency, All Aboard Florida, FEMA, Miami-Dade Expressway Authority, Miami-Dade Transit, Miami-Dade County, Palm Beach County, Monroe County, City of Miami, City of Doral, City of Miami Gardens, City of Port St. Lucie, City of Key West, and countless of private engineering clients providing survey support for miscellaneous engineering design and design-build projects.

MGV is dedicated and committed to providing excellent service and complete client satisfaction. MGV has a highly-trained staff of professional surveyors and associates with extensive experience in a wide range of surveying and mapping services. Our staff is the foundation of our firm. We employ a staff of over 50 skilled survey personnel. Among these, eight employees are registered PSM's (which combined, have over two centuries of survey experience), five survey technicians, and nine fully staffed and equipped survey crews, in which three are SUE capable. MGV's key personnel range from 10 years, to over 30 years of experience in surveying – more importantly, with our firm.

MGV has the ability to perform all survey tasks using either traditional methodologies such as EFB data collection, Electronic Total Stations/levels, hydrographic [sonar/GPS], GPS/RTK, and the latest in 3D Lidar Static Scanning. Recent advances in scanning technologies have opened the door to the future in 3D surveying. MGV was one of the pioneers in the use of 3D laser scanning technology, having purchased our first Scanner in 2004. All our office support staff are well-versed and trained in Caice, Microstation & Geopak, AutoCAD Civil 3D, FDOT Hector and EFBP, Pedds, Electronic Signatures and will continue to parallel the industries software advances.

Landscape Architecture

Randy Hollingworth, Bermello Ajamil & Partners Inc. (B&A), will lead Landscape Architecture. The B&A Landscape Architecture team focuses on providing clients with innovative and sustainable design solutions that celebrate the environment. The B&A Landscape Architecture team is dedicated to delivering distinctive projects that respond to the needs of clients and provide contemporary responses to the historic, cultural and environmental attributes of each site. Their commitment to achieving client's goals, responding to community character and responsibly using natural resources are all integral parts of the design process on every project.

As designers, they pride ourselves in the ability to listen to the needs of client and to reflect their dreams and visions into creative landscape solutions. The B&A Landscape Architecture team has a proven track record of successfully completing award winning projects that reflect both our design ability and our expertise in collaboration with government officials, community representatives and private developers. As a multi-disciplinary firm with an international practice, B&A excels in the coordination of complex projects in varied locations throughout the world.

B&A projects are each born of a creative, problem-solving process. As a result, our clients are assured of a product that not only meets requirements, but exemplifies quality, functionality, enduring, and very often, award-winning design.

B&A Landscape Architecture services include:

- Park Planning and Design
- Streetscape Design
- City Wide Parks Master Planning
- Signage and Wayfinding
- Community Beautification Programs
- Athletic Facility Design
- Amphitheater/Entertainment Venue Design
- Bikeway Planning and Design
- Art in Public Places
- Environmental Planning
- Neighborhood Planning
- Comprehensive Planning
- Transit Planning and Design
- Aesthetic and Design Guidelines
- Feasibility Studies/Analysis
- Major Use Permits
- Redevelopment Plans
- Neighborhood Improvement Plans

Randy Hollingworth, Director of Planning and Landscape, of B&A has 30+ years' experience in Urban Design & Landscape. He has prepared development plans for a wide range of project types. He has a large and diverse portfolio of landscape design oriented projects. He has developed master plans and design guidelines for commercial and retail areas, office parks and residential communities in numerous waterfront locations throughout Florida.

Kirk J. Olney, RLA Landscape Architect, of B&A has over 16 years of experience in landscape architecture, involving parks, streetscapes and roadway landscape design. He has several years of master planning, conceptual and detailed design, the production and management of construction documents. He also has experience preparing and submitting applications to regulatory agencies and responding to comments accordingly to obtain required permits. His special area of interest and expertise is the use of tropical and subtropical plant material.

Geotechnical Support

Raj Krishnasmy, PE, Tiera South Florida (TSF) will lead Geotechnical Support. TSF provides a complete range of geotechnical engineering services. Our geotechnical design solutions define and reduce construction and long-term performance risks. Whether buildings, airport facilities, transportation systems, landfills, dams, or other civil and private projects, our engineers have the experience and expertise to handle the most technically demanding projects. TSF also owns a large, diverse fleet of eight drill rigs with automatic hammers (truck-mounted, track-mounted, rotary, tripod, ATV, barge/overwater) capable of drilling in challenging conditions whether remote, soft, marshy, over-water, difficult access or environmentally sensitive areas. We also employee MOT (Maintenance of Traffic) certified staff to safely perform drilling services in high traffic areas. TSF offers geotechnical engineering services in:

- Onshore and offshore subsurface exploration
- Laboratory testing and analysis of soils and rocks
- Pavement evaluations and design
- Deep and shallow foundation analysis and design
- Site preparation recommendations
- Slope stability analysis
- Soil reinforcement
- Corridor studies

- Expert witness testimony
- Unknown foundation evaluation
- Peer review
- Value engineering

Construction Materials Testing - During construction, TSF sampling, monitoring and quality control services cover every phase of construction and all materials used. TSF services are guided by project specifications and ensure sound, safe and quality construction. They maintain a fully equipped, in-house soils, concrete, and aggregate testing laboratory certified by Construction Materials Engineering Council (CMEC) and approved by Florida Department of Transportation (FDOT). Their field and laboratory technicians hold industry-recognized certifications (ACI/CTQP/PCI/FPCA) for aggregates, asphalt, concrete, and earthwork testing as well as drilled shaft, augercast pile, and pile driving installation monitoring. Services include:

- Soils/aggregates/concrete/ masonry/asphalt
- Earthwork testing and observations
- Concrete testing and placement observation
- Masonry, grout, and mortar sampling and testing
- Asphalt paving monitoring
- Asphalt plant observations and monitoring
- MSE wall installation monitoring
- Pre-stressed yard observations
- Drilled shaft installation monitoring
- Pile driving installation monitoring
- Pre and post construction survey
- Vibration monitoring

Inspections and Specialty Testing — TSF also provides building inspection services and specialty testing services to verify that the Construction Manager maintains appropriate methods and the construction complies with the Construction Contract Documents. Their inspectors review the completeness and accuracy of the work completed and includes licensed Florida Building inspectors as well as highly experienced and licensed Special Inspectors who, under the State of Florida Building Standards, are capable of performing threshold inspections. Services include:

- Threshold/special inspections
- Non-destructive testing
- Roof installation observations
- Torque testing and inspections
- Welding inspections
- Fire proofing testing
- Floor flatness testing
- Bolt inspections

Raj Krishnasmy, PE, Geotechnical Engineer, of Tiera South Florida has 29 years of experience and is a Florida State registered Geotechnical Engineer with over 29 years of experience. Raj oversees the geotechnical engineering, construction materials testing, and inspection services operations. His experience consists of successfully completing over 3,500 public and private projects, highlighted by 120+ FDOT projects, design-build projects totaling close to $2 billion in construction costs, and prominent projects such as Florida Atlantic University's Stadium, Fort Lauderdale-Hollywood International Airport's South Runway Expansion (featuring the largest MSE wall in Florida), and I-95 Express Lanes. He serves as Project Manager for continuing contracts with over 20 Florida public agencies with a history of repeatedly retaining those contracts through successful, cost-effective and prompt execution of each task order. His daily involvement with the in-house and field operations of the construction and geotechnical services departments provides him the "hands-on" experience and knowledge of current construction codes and construction practices throughout the State of Florida. Raj focuses on providing the client with a consistently accurate, cost-effective quality product that is delivered on time and within budget.

Kumar Vedula, PE, Geotechnical and Construction Materials Inspections, of Tiera South Florida has over 21 years of experience providing engineering services for a wide variety of geotechnical projects involving foundation design, slope stability analysis, WEAP analysis and interpreting PDA reports, excavation support, and construction inspection. His extensive experience includes foundation inspections (shallow and deep foundations), soil modification (dynamic compaction, stone columns), preloading, excavations, backfilling, and post construction monitoring. Mr. Vedula has served as a principal inspector on numerous surcharging and settlement evaluations of organic laden soils assignments. His project experience includes 300+ geotechnical engineering studies for various projects types including parks, piers, shoreline stabilization, dredging, bridges, roadways, utilities, high rise buildings, schools and government facilities. Mr. Vedula has authored and co-authored papers published in national and international publications.

Parking

Jim Corbett, CAPP, Walker Parking, will lead Parking. Walker has been the parking industry's premier consultant for over 50 years and continues to focus on developing solutions that are realistic, implementable and cost-effective, by utilizing cutting edge technology and the creativity of their outstanding people.

Walker Parking pioneered the concept of the mega-parking structure at theme parks, airports, and international developments, furthered the use of and improved upon the concept of shared parking at mixed-use developments, and were instrumental in the development of design standards for accessible parkers. Walker is one of the first firms to demonstrate how strategic parking planning can help cities and towns promote economic development and improve the quality of life for residents. Walker served as the parking consultant for the first privatization of a municipal parking system and has continued to assist with dozens of public/private partnership projects.

Walker staff works to improve the sustainability of projects by using materials and building techniques that will extend the useful life of a facility and reduce the impact on the environment; that are working within the industry to examine opportunities for adaptable reuse of existing and future parking facilities; and from a consulting standpoint, they have developed a holistic planning approach that integrates parking into the overall master mobility solution for communities, institutions and the private sector.

Walker Parking offers expertise in:

- Design
  - Architecture/Engineering
  - Functional Design
  - Lighting
  - Automated Parking
  - Sustainability
- Analysis
  - Planning Studies
  - Operations
  - Financial
  - Technology
- Restoration

Jim Corbett, CAPP, Senior Parking Professional, of Walker Parking is an innovative parking professional with more than 20 years of successful parking operation leadership and fiscal governance. Jim is a Certified Administrator of Public Parking (CAPP). Jim joined Walker Parking Consultants after a ten-year career as the Parking Division Manager with the City of Tampa where he managed a $17 million annual budget with one million dollars of capital improvement designation per annum. The City operates thirty off-street locations with 11,372 spaces and 1,700 on-street metered spaces. While with the City of Tampa, Jim managed three Parking Technology projects; On-street parking pay stations, Off-street parking access and revenue control system and Mobile payment platform. Jim represented the City throughout the evaluation of the technology and equipment and the selection of the preferred technology provider. Jim also represented the City throughout the installation and testing of the new technology and equipment.

Jon Martins, AICP, CAPP, Senior Parking Professional, of Walker Parking specializes in parking planning and operations consulting on a variety of projects for municipalities, developers, hospitals, airports, colleges, and universities. Jon is a Certified Administrator of Public Parking (CAPP) and American Institute of Certified Planners (AICP). Jon is a frequent presenter at various parking conferences across the US, often discussing new technology that is changing the face of the parking industry. Jon has also written and co-wrote articles for industry publications including "Parking: More Customers, Less Cost" The Parking Professional, March 2013.

Funding / Grant Writing

Robert Ruano, Ecostrata Services, will lead Funding and Grant Writing. Ecostrata Services, founded in 2010, Ecostrata Services builds on 26 years' experience in the private, government, and non-profit sectors to create solutions for clients. Their primary service is geared to organizations facing shortages in their funding streams or that are looking for ways to grow their business. Ecostrata works to identify the client's needs first, rather than attempting to fit an available resource to that client, ensuring a focus geared to each client's unique needs. From grants, to government services, to general fundraising, Ecostrata is here to help the City of Coral Gables.

Services offered by Ecostrata Services include:

Grants and Fundraising
Their staff has helped bring over $70 million dollars in funding to South Florida in the last 15 years. That is thanks to meticulous funding research, attention to detail, and highly competitive funding applications. Planning and research is essential to a process of securing new funding, but so are experience working with funders and understanding what makes them want to invest in your program. Whether working with a Foundation Chair or submitting an online grant application, they have the experience and knowledge to increase the City of Coral Gables award rate and bring the dollars you need most for the transportation system. While they work on many types of grant applications, they specialize in capital projects for municipalities: parks, tree plantings, large equipment purchases, transportation infrastructure, and stormwater projects.

Government Services
Dealing with the labyrinth that is government, at all levels, is made significantly easier when you know the people on the inside and understand what they are trying to accomplish. Ecostrata personnel have experience working with local, state and federal bureaucracies and can therefore achieve results that may elude others. When a client needs to negotiate an agreement or access unpublicized funding, they call us for assistance.

Sponsorships
If you're organizing an event, call Ecostrata first to assist with identifying and reaching out to businesses and foundations that might have an interest in supporting your cause. They have experience with trade shows, community events, festivals, and informal gatherings.

Environmental Projects
While many organizations are looking to be green or sustainable, most are finding that it is difficult to choose the right steps that will achieve the best results. Likewise, while management may be on board, it takes committed employees and a culture that can embrace an environmentally friendly attitude. After helping craft many sustainability documents and ordinances in South Florida, Ecostata staff is uniquely qualified to assist the City of Coral Gables in getting truly 'green' results.

Robert Ruano, Grant Specialist, of Ecostrata Services has over 26 years of management experience, both in the private and public sector. His experience includes many years in City of Miami government, overseeing all grant applications and environmental initiatives. Among his accomplishments are a successful state grant that saved six acres of prime urban green space from development and the completion of a climate action plan that put the city on the path to sustainability. Since founding Ecostrata Services in 2010, he has worked with nonprofits, municipalities and private entities looking for funding or access to government programs. He is familiar with local, state, federal and foundation grant programs in a variety of functional areas. Robert believes that community service is crucial to being a good corporate citizen, as such, he volunteers and chairs several community boards and volunteers at community events. Currently, he serves on the USDA's National Urban & Community Forestry Advisory Council, Miami-Dade County's

Planning Advisory Board, and Coral Gables Parks & Recreation Advisory Board. He is also a board member and was the Founding Chairman of Bike Walk Coral Gables and is a member of the Green Mobility Network. These organizations benefit from free advice, hours and dollars that help them help our own community.

Traffic Data Collection

Glenn Davis, Quality Counts (QC), will lead Data Collection. Quality Counts is a full service traffic data collection firm founded in 2003 in Portland, Oregon. Since its inception, QC has grown to a nationwide data collection firm with offices around the country. Our dedication to our core values of Quality, Character, and Customer Attentiveness are the not-so-secret keys to our success. Combine this with our drive to stay at the cutting-edge of data collection technology, and you get the most accurate, efficient, and easy-to-use data collection firm in the country. We work with you to ensure that you get exactly the data you need, data you can rely on, when and where you need it.

QC has a well-trained and dedicated team that uses the most advanced Data Collection technology, including BlueMAC Bluetooth MAC readers, GPS Cameras, and Wavetronix radar to collect accurate and dependable numbers that the City of Coral Gables can rely on. QC employs video camera technology to enhance the accuracy and efficiency of our surveying and coverage capabilities. With over 500 HD cameras and 150 personnel companywide, Coral Gables can be sure they will get the footage and data that each project needs.

Quality Counts provides the following data collection services:

- Turn Movement Counts
- Tube Counts
- Specialty Surveys
- Streetline
- BlueMac

Streetline represents the latest technology available in parking management and smart city development. Through the deployment of a network of vehicle sensors, and allowing parking to be viewed and managed through mobile apps, by parking users, and by City staff respectively, Streetline reduces the inefficiencies of parking, like time spent searching for a space thus alleviating congestion, emissions, and improving quality of life for residents and visitors alike. Quality Counts has installed the Streetline system across the Eastern Seaboard for a variety of organizations, including corporate campuses, local Cities, Universities, airports, and hospitals.

Digiwest BlueMAC readers represent the very latest advances in the world of traffic data collection and monitoring, and BlueMAC is the most comprehensive data collection device and software suite utilizing this technology. Featuring industrial grade hardware and cutting-edge software, no other MAC reader system is as precise or user-friendly as the BlueMAC. By collecting and time-stamping anonymous MAC addresses from passing vehicles and wireless devices and then matching these addresses across a network of devices, BlueMAC is able to provide travel times, average speeds, origin-destination, and more. Data is accessible in real-time through the cloud and rendered into customizable, user-friendly reports by BlueMAC's high-end software. Quality Counts offers both temporary studies and the sale of BlueMAC devices for permanent installations.

Glenn Davis, Data Collection Specialist, of Quality Counts has eight years of experience and is the main contact for all of Florida regarding all contracts and projects. He oversees each of the offices' daily operations and works directly with clients. Mr. Davis has managed numerous contracts including aggregate annual tube counts of more than 300 locations. In addition, he has managed several specialized projects where new approaches and dynamic methods were developed in order to complete tasks, specifically using video technology for TMC's and non-intrusive radar units for traffic monitoring. Recent projects include the I-95 Interchange PD&E Study (Broward County Interchanges), I-95 Interchange PD&E Study (Palm Beach County Interchanges), Quincy Loop Origin-Destination Study for FDOT District 3, Bluetooth Before & After Travel Time Study for MetroPlan Orlando, and the Amtrak Auto Train Data Collection for FDOT District 5.

Geographic Information System (GIS)

Jason Green, AICP, Lochner, will lead Geographic Information System (GIS). The Lochner team has full in-house GIS capabilities. At Lochner GIS stands for:

- **Good Communication**
- **Increased Project Understanding**
- **Sound Decision Making and Design Documentation**

In this "data rich" world we now live in Lochner uses GIS for all client needs at all levels of a project, and even the ones they did not know that could be enhanced by GIS, such as:

- Environmental mapping
- Roadway/Transit Alignment Alternatives
- Land Use Integration
- Alternative Screening
- Public Involvement
- Decision Making
- Project Design
- Right of Way Mapping/Acquisition
- Construction
- Asset Management
- Proposed/Future Alternatives Layouts

The capabilities are endless. GIS simply allows for more detail to be displayed than a single map or a presentation board. Our Lochner GIS Team works closely with our traffic engineers and transportation planners. Using these relationships, spatial databases are created to efficiently manage all locational data and related attributes. Data is reviewed for quality and accuracy and all validated data is web accessible for the project team, the client or stakeholders through on an online portal. This allows the project team and regional entities to easily access and share all project data. Our GIS staff provides ongoing resource and data analysis support in all alternatives/scenarios development and during the decision making processes. In addition, we utilize to support public involvement efforts through the production of web-based and interactive materials along with as needed maps and document figures. Based on parcel data, an outreach management database can be created within minutes to ensure effective outreach to targeted project areas.

The Lochner GIS Team can help Project Managers and clients tell the story in a number of ways:

- Visual representation – utilized to show any geo-located data, alternatives, design, analysis, impacts, etc. To be used in all stages of the project
  - Static figures
  - Interactive web maps
  - Story books
  - Map books
- Analysis – can be used in a variety of ways. Typically we use for:
  - Alternative screening analysis
  - Crash analysis
  - Resource Impacts analysis
- Asset Management
- ROW Management

Our Lochner web-based project mapping is available 24/7 at **http://gis.hwlochner.com/gallery/** for all to see.

Try it… Go take a look at our projects!

This approach simply improves project communication (stakeholders, public, client, and decision makers) and allows for your message to continuously be heard. Anyone can utilize it, it can be used in all phases of the project, it can

incorporate CAD data to effectively show/communicate project design and impacts, and it can also be used as an effective asset management tool, where data can be easily accessed in the field.

The use of story books allows the public to navigate all stages of the project, zoom in and out of alternatives, view impacts, etc. Web access also allows the public to place comments in specific project locations, etc., which improves project transparency and project understanding. If a project has right of way impacts, a GIS interactive database allows for ease of acquisition management and can be linked to public involvement/parcel owner comments regarding the parcel, impacts or thoughts on acquisition, providing the City of Coral Gables more context.

Experience with other Disciplines, Design Professionals, and Consultants

As with most typical municipal contracts, there may be multiple firms providing services. The Lochner Team is accustomed to working within this environment, due to our vast experience providing these types of services in the past, and we are adept at working with other disciplines, including coordination with other design professionals and subconsultants. In fact, our proposed Project Manager James E. Spinks III, PE, PTOE, was on the team that was awarded 2015 State of Florida Planning and Zoning Board "Outstanding Planning Award" by the Florida Planning and Zoning Association for the Village of Palmetto Bay Downtown Study where a team of consultants all worked together to develop the Vision of the Downtown Redevelopment Task Force (DRTF), formed by the Village Manager Edward Silva and the Village Council. The DRTF charged the consultant team with bringing more business tax revenue to the Village, to create a vibrant and inviting live-work-play downtown community for Palmetto Bay, by stimulating mixed-use Transit Oriented Development (TOD) along the South Dade Transitway through a long-term (40-50 year) vision of the Palmetto Bay downtown area. The team of professionals working together on this project included urban designers, financial analysis consultants, landscape architects, roadway designers, traffic engineers, transportation planners, land surveyors, and transit professionals.

Several of the Lochner Team members participated on this project, along with other consultants that the City of Coral Gables has entrusted in the past to perform services.

Experience with Safety through Design

For nearly 20 years, the Lochner proposed Project Manager, James Spinks III, PE, PTOE has managed and participated on engineering contracts with FDOT District Six Traffic Operations and Safety Office. He has been involved in more than 300 TWOs investigating High Crash Locations, Fatal Crash Reviews, 3R Safety Reviews, updates to the Skid Hazard Reporting System, Road Safety Audits, Intersection/Arterial Analysis, Signal and Left-turn Warrant Analysis, Speed Zone Studies, Traffic Operations Safety Reviews, Before and After Studies, and Qualitative Assessments among others. This experience gives the Lochner Team the ability to:

- Develop cost-feasible and constructible "bullet proof alternatives"
- Provide a well-rounded practical approach to developing and solving safety issues
- Understand how to apply crash modification factors to predict alternative benefits:
  - FHWA desktop reference/clearing house
  - Highway Safety Manual methodology for application of crash modification factors, the use of the Safety Analyst software
  - NCHRP Report 500 (Vol. 5 and 12)
  - FDOT District Six Safety Office Factors (Based on Before/After Data)

Throughout Miami-Dade County, James has developed conceptual design plans to improve safety. He was responsible for nine safety projects in final design from 2016 High Crash List with FDOT District Six, through the Safety Office;

including the NW 12th Avenue Arterial Safety Study that reduced 22% total crashes per year by recommending a combination of turn-lane improvements, signal modifications, resurfacing, bus stop relocations and pedestrian mid-block crosswalks. In addition, on the SR A1A Arterial Safety Study that reduced 16% total crashes per year recommended bike lanes and pedestrian crossing improvements. The Lochner Team also provides services on major highway reconstruction projects like the FDOT SR 826 Design-Build and FDOT Minor Design Contracts.

Complete Streets/Road Diet Design and County/FDOT Approvals

The growth of Coral Gables has increased and the traffic using the local network, thus impacting the local and residential streets. Speeding and cut-through traffic often occur through the residential neighborhood streets affecting livability and safety. Lochner staff have developed complete streets concept plans in Miami-Dade County, most recently in South Miami, Miami Shores Village, Cutler Bay and Palmetto Bay. We understand not only the needs of the residents, but also what traffic flow modifications will be accepted by Darlene Fernandez, Claudia Diaz and David Hayes, all from DTPW.

Lochner's approach to complete streets is a multi-tiered approach with various levels of treatment ranging from physical treatments, psychological treatments, enforcement, and educational programs. We have learned that although specific neighborhoods may request complete streets, a citywide or regional approach is more beneficial, so that traffic issues are not pushed from one street to another adjacent street. Traffic is fluid and any street modifications that are proposed, directly affect the adjacent streets. Complete streets, traffic calming, and lane elimination/road diet projects should be looked at with a Big Picture/Comprehensive approach to ensure that recommendations do not simply just push a problem to another street, by diverting traffic or restricting movements — **there needs to be a regional traffic management approach to obtain these types of approvals.**

As demonstrated, Lochner has the experience to implement traffic management program from A to Z including the development of actual construction documents and construction management.

Having provided similar services in Miami-Dade County for nearly 20 years, the Lochner Team understands the policies, procedures, project delivery requirements and how to coordinate with Claudia Diaz and Darlene Fernandez at the Miami Dade Department of Transportation and Public Works (DTPW) to get the City's complete street projects approved. This experience has allowed the Lochner Team to understand what is acceptable and what is not acceptable, but most importantly helps to bridge the gap between the City and the County to obtain approvals for "out-of-the-box" recommendations.

For example, while performing the Villagewide Traffic Calming Master Plan for the Village of Palmetto Bay, some innovative traffic calming and improvement strategies were presented and gained approval, including a reversible lanes concept and a turbo lane concept on Old Cutler Road; and a boulevard "complete street" concept on NW 67th Avenue. All of this was accomplished without diverting traffic to adjacent streets. In fact, **the County actually ended up partially funding the recommendations!**

It took technically sound analysis, a great plan and stellar communication all the way up the ladder at DTPW, including several roundtable meetings with Deputy Director Engineering Frank Guyamier and Assistant Director. Darlene Fernandez. This is what it takes to get DTPW to accept innovative solutions.

Design Exceptions or Variations

In regards to design exceptions and variations, the Lochner Team staff recently performed a lane closure analysis for MOT for the SR 826 at NW 25th Street. We understand that for "Lane Elimination/Road Diet" projects, typically local governments, agencies, transportation planning organizations, and developers request the elimination of through lanes so that the recovered right-of-way can be converted for non-automobile modes, creating more livable environments. FDOT has developed a "3-stage" Lane Elimination Review and Approval Process, which engages a multi-disciplined review team with representatives from the Planning & Environmental Management, Design, Traffic Operations, Modal Development, Maintenance, Permitting, and Legal offices. We have are familiar with and have used this process to obtain and review approvals for FDOT.

A design exception is a documented decision to design a highway element or a segment of highway to design criteria that do not meet minimum values or ranges established for that highway or project. Design exceptions are required when the proposed design elements are below both the FDOT governing criteria and AASHTO's new construction criteria for FHWA's 13 "Controlling" Criteria for:

- Design Speed
- Lane Width
- Shoulder Width
- Bridge Width
- Structural Capacity
- Vertical Clearance
- Grade
- Cross Slope
- Superelevation
- Horizontal Alignment
- Vertical Alignment
- Stopping Sight Distance
- Horizontal Clearance (lateral offset to obstruction)

Design variations are required when proposed design elements are below the Department's criteria and where a design exception is not required. This includes, but is not inclusive of:

- Border Width
- Sidewalk
- Bike Lanes
- Hand Rails
- Front Slope

FDOT has many common reasons for considering an exception or variation, including:

- Impacts to the natural environment
- Social or rightof-way impacts
- Preservation of historic or cultural resources
- Sensitivity to context or accommodating community values
- Construction or right of way costs

We understand that the most common reason for denials is justification and documentation, including design criteria, evaluation/analysis for crashes and benefit/cost and sound mitigation strategies. Using these guidelines, we have obtained design exceptions and variations from FDOT.

City of Coral Gables

QA/QC
Tom Stoner, PE, P.Eng. (HWL)

PROJECT MANAGER
James Spinks, PE, PTOE (HWL)

PRINCIPAL-IN-CHARGE
Edwin Mojena, PE (HWL)

CORE SERVICES

SMART GROWTH (A) (C) (D)

Matthew Ridgway (FPT) – Task Leader
Alex Rixey, AICP (FPT)
Dana Weissman (FPT)
Sherryl Muriente (SPC)
Irene Balza (SPC)
Anthony Garcia (SPC)

LIVABLE CITIES (A) (C) (D)

Jerry Walters (FPT) – Task Leader
Jeremy Klop (FPT)
Anthony Garcia (SPC)
Dana Wall (SPC)
Sam Goater (SPC)

COMPLETE STREETS/ MOBILITY SOLUTIONS (A) (C) (D)

Bill Howell, PE (HWL) – Task Leader
Jason Green, AICP (HWL)
Charlie Alexander, PE, AICP (FPT)
Matt Wolczynski, PE (HWL)
Nate Evans (TDG)

MULTIMODAL AND TRANSIT (A) (B) PLANNING (C) (D)

Andrea Ostrodka, AICP, LEED AP (HWL) – Task Leader
Lara-Mae Bouck, PE, AICP (HWL)
Susan Black, JD (HWL)
Jeffrey Boothe (BTC)
Gustavo Eckardt (PDS)
Luis Jurado (PDS)

BICYCLE AND PEDESTRIAN (A) (B) PLANNING (C) (D)

James Spinks, PE, PTOE (HWL) – Task Leader
Matt Wey, PE, PTOE (HWL)
Dana Weissman (FPT)
Sam Goater, PE (SPC)

URBAN DESIGN (A) (C) (D)

Alfredo Sanchez, AIA, AICP, LEED AP (BAP) – Task Leader
Joshua Rak (BAP)
Anthony Garcia (SPC)
Sherryl Muriente (SPC)
Mike Loe, RLA (TDG)

TRAFFIC ENGINEERING AND (A) (B) TRAFFIC CALMING (C) (D)

James Spinks, PE, PTOE (HWL) – Task Leader
Matt Wey, PE, PTOE (HWL)
Brad Lucas, PE, PTOE (HWL)
Joseph Samus, Jr., PE (HWL)
Sagar Onta, PE, PTOE (TDG)
Nate Evans (TDG)

DESIGN, EXCEPTIONS AND VARIATIONS (A) (C)

Alejandro Jaureguy, PE (HWL) – Task Leader
Manuel Sauleda, PE (HWL)
Jorge Lopez, PE (HWL)
Oscar Garcia (TDG)
Megan McCarty, EIT (TDG)

SPECIAL EMPHASIS AREAS

- (A) **Context Sensitive Solutions**
- (B) **Multimodal Level of Service**
- (C) **Safety through Design**
- (D) **Sustainable Design**

SUPPORTING SERVICES

LANDSCAPE (A) (D)

Randy Hollingworth (BAP) – Task Leader
Kirk Olney, RLA (BAP)
Mike Loe, RLA (TDG)

SURVEY

Manny Vera, PSM (MGV) – Task Leader
Mark Sowers, PSM (MGV)

GEOTECHNICAL (D)

Raj Krishnasamy (TSF) – Task Leader
Kumar Vedula (TSF)

SMART PARKING (A) (D)

Jim Corbett, CAPP (WPC) – Task Leader
Jon Martins, AICP, CAPP (WPC)

FUNDING/GRANT WRITING

Robert Ruano (ESI) – Task Leader

TRAFFIC DATA COLLECTION

Glenn Davis (QC) – Task Leader
Robert Berryhill (QC)
Jason Spencer (DG)

GIS

Jason Green, AICP (HWL) – Task Leader

DOCKLESS BIKE SHARING PROGRAM

Brad Bao (LB)
Toby Sun (LB)
Andrew Savage (LB)

KEY

H.W. Lochner, Inc. (HWL)
Bermello Ajamil & Partners, Inc. (BAP)
Boothe Transit Consulting, LLC (BTC)
DIgiwest (DG)
Ecostrata Services, Inc. (ESI)
Fehr & Peers Transportation Consultants (FPT)
LimeBike (LB)
M.G. Vera & Associates, Inc. (MGV)
Premiere Design Solutions, Inc. (PDS)
Quality Counts (QC)
Street Plans Collaborative (SPC)
Tierra South Florida (TSF)
Toole Design Group (TDG)
Walker Parking Consultants (WPC)

SF330 Resumes for Task Leaders are included here. SF330 Resumes for the entire team are located in Section 1.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
James Spinks, PE, PTOE	Project Manager	18	0

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Miami, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science , Civil Engineering , University of Missouri-Rolla, Rolla, MO	FL Professional Engineer: 66775 Professional Traffic Operations Engineer #2530 – ITE

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
James Spinks is a Senior Project Manager who joined the Lochner's Miami office in 2017. He brings with him 18 years of experience in traffic operations and safety, transportation planning, signal design, traffic impact analysis, and ITS planning. He has managed projects for FDOT and has served as a city traffic engineer consultant in more than 20 municipalities in Broward, Palm Beach, and Miami-Dade Counties. His well-rounded experience at both the local and state levels gives him unique insight into public institution operations which allows him to be an effective liaison. He is known in the industry for his respectful demeanor, ability to engage in proactive communication, and excellence in project management and customer service.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Villagewide Traffic Study Miami Shores Village, FL	Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[ ]** Check if project performed with current firm

Project Manager. MARLIN was retained by the Miami Shores Village to evaluate the local speed, volume and overall traffic patterns to determine locations within the Village where traffic calming measures should be recommended. As part of this study, MARLIN will also develop a Village-wide Traffic Calming Master Plan, incorporating policies to implement the particular type of traffic calming measures to be recommended for each of the identified concerns.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Traffic Engineering & Transportation Consultant City of South Miami, FL	Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[ ]** Check if project performed with current firm

Project Manager. On-call consulting services including reports, traffic studies, public outreach, coordination with stake holders, construction plans & specs, estimating and project management. Also included, transportation planning, street and highway design, traffic calming design, transit planning, traffic studies, attending meetings with City Staff and presentations to City Council.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
General Planning Consultant Miami-Dade MPO, FL	Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[ ]** Check if project performed with current firm

Project Manager. MARLIN served as General Planning Consultant to the Miami-Dade MPO providing professional services on various Task Work Orders, including such projects as Safe Routes to School Plan, Protected Bike Lanes, and Comprehensive Parking Study. James served as a project manager for Protected Bike Lanes.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
General Engineering Consultant Town of Cutler Bay, FL	Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[ ]** Check if project performed with current firm

Traffic Engineer Consultant. Performing on-call traffic engineering services. Services include Traffic Calming, Plan Review, Traffic Impact Studies, Comprehensive Planning, Resident requests, Traffic Operation Studies Safety analysis, Concurrency Updates, and Concurrency Management.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Transportation Planning and Engineering Consultant Village of Palmetto Bay, FL	Ongoing	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — **[ ]** Check if project performed with current firm

General Traffic Engineering Consultant performing on-call traffic engineering services, Traffic Calming, Plan Review, Traffic Impact and Safety Studies, Parking Studies, Neighborhood Traffic Management, Multi-modal Traffic Planning, Comprehensive Planning, Resident requests, Traffic Operation Studies Safety analysis, Collection of traffic counts and reports, preparation of construction documents, Concurrency Updates, and Concurrency Management.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE a. TOTAL	b. WITH CURRENT FIRM
Matthew Ridgway, AICP, PTP	Smart Growth Task Leader	26	22

15. FIRM NAME AND LOCATION *(City and State)*

Fehr & Peers DC, Washington, DC

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
B.A. in Urban Studies, San Francisco State University, 1990	ITE Professional Transportation Planner (80) American Institute of Certified Planners (011694)

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Matthew Ridgway has been involved in many of Fehr & Peers' highest visibility and most complex multi-modal projects. His key strength is his broad background and multi-modal approach, which he has applied to many bicycle, transit and pedestrian projects.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: Alameda Countywide Multimodal Arterial Plan, Alameda, CA

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2016 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Fehr & Peers led a multidisciplinary team in the development of a first-of-its-kind Countywide Multimodal Arterial Plan for Alameda County. This plan is unique in that it relies on a quantitative, data-driven and highly technical approach to identify short- and long-term multimodal improvements along a 1,200-mile Arterial Network. Cost: $799,999.00; Role: PIC

b.

(1) TITLE AND LOCATION *(City and State)*: Transportation Performance Strategic Plan, Silver Spring, MD

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2017 — CONSTRUCTION *(If applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Fehr & Peers DC led a team to develop an improved system for measuring Montgomery Co's transportation system performance and prepare a strategic plan for incorporating recommended improvements to the current modeling framework. Fehr & Peers DC collaborated with staff to develop a suite of multimodal transportation performance measures that address the County's stated land use and transportation goals. PIC $228,000

c.

(1) TITLE AND LOCATION *(City and State)*: Georgetown-Rosslyn Gondola Feasibility Study, Washington, DC

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2016 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

For a partnership led by Georgetown Business Improvement District, Fehr & Peers DC forecast ridership for a proposed tramway connecting Georgetown with Rosslyn that is intended to provide improved transit access for Georgetown University, improved access to customers for Georgetown businesses, and improved access to urban amenities for Rosslyn residents and employees. Cost: $20,400 (FPDC only) Role: PIC.

d.

(1) TITLE AND LOCATION *(City and State)*: Old Town North Parking Study, Alexandria, VA

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2016 — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Fehr & Peers DC surveyed on- and off-street parking conditions. We used the information to evaluate the potential for shared parking. We evaluated whether the planning area would benefit from metered parking. Fehr & Peers DC identified the potential locations of metered parking and suggested hours of operation, and outlined a plan for implementation. Fehr & Peers DC provided recommendations for district permit parking stickers. $45,950.00 PIC

e.

(1) TITLE AND LOCATION *(City and State)*: Purple Line Design Build, Carrollton, MD

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Fehr & Peers' role is traffic analysis and support for the traffic design and maintenance of traffic during construction. Fehr & Peers is performing operations analysis for intersections along the corridor. Fehr & Peers is authoring the TMP and ITS Concept of Operations (CONOPS). Fehr & Peers is evaluating multi-modal aspects through completion of pedestrian impact statements for the light rail stations and the adjacent roadway network. $1,292,398.00 (FP only) Expert Advisor

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Jerry Walters, PE	Livable Cities Task Leader	32	32

15. FIRM NAME AND LOCATION *(City and State)*

Fehr & Peers, Walnut Creek, CA

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Master of Engineering in Transportation Engineering, Rensselaer Polytechnic Institute, 1974 Bachelor of Science in Engineering Science, Rensselaer Polytechnic Institute, 1971	Licensed Traffic Engineer, State of California (#1467)

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Jerry Walters is Fehr & Peers' Chief Technical Officer and leader of the firm's Sustainability Practices, integrating transportation planning with sustainable climate, energy and quality of life. Co-author of: Growing Cooler – The Evidence on Urban Development and Climate Change, Urban Land Institute, 2008.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Alameda Countywide Multimodal Arterial Plan (Alameda, CA)	2016	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Fehr & Peers led a multidisciplinary team in the development of a first-of-its-kind Countywide Multimodal Arterial Plan for Alameda County. This plan is unique in that it relies on a quantitative, data-driven and highly technical approach to identify short- and long-term multimodal improvements along a 1,200-mile Arterial Network. Cost: $799,999.00; Role: Expert Advisor

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
ARB Zero-Carbon Buildings Study (CA Statewide)	2017	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Fehr & Peers is developing a study of building-scale transportation management strategies as part of the California Air Resources Board's Study. Fehr & Peers is reviewing new research on carbon emission reductions due to changes in the built environment and implementing TDM. After conducting an inventory of transportation strategies, Fehr & Peers is modeling the effectiveness of these strategies at reducing carbon emissions over time. PIC $168,467.00 (FP only)

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
BAAQMD TDM Tool (San Francisco, CA)	2011	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Fehr & Peers developed a TDM strategy model and a technical memo/user's guide for measuring the effectiveness of individual and grouped TDM strategies in reducing greenhouse gas emissions. The Excel-based tool models the combined effects of TDM strategies based on the literature review performed for the CAPCOA study on quantifying greenhouse gas mitigation measures, specific to the Bay Area. Cost: $62,000.00 Role: PIC.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
US EPA Typology for Sustainable Communities (Countrywide)	2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Fehr & Peers provided expert advisory services to US EPA on developing a national typology for identifying the information and assistance needs of communities throughout the US. The recommendations will help EPA track the sustainability goals and challenges of individual communities and align EPA tools with community needs. Tools range from informational, to assessment, to decisions support. $6,000 PIC/PM

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
US EPA Smart Location Performance Indicator (Countrywide)	2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Developed, for nationwide use by US EPA, "smart location" performance indicators to measure the effect of workplace-location characteristics on vehicle miles travelled per worker, including trips to/from work as well as work-based travel, such as lunch trips. The study develops relationships between land use and location "D" variables including density, diversity, design, destination accessibility and distance from transit – to determine variation. $34,719 (FP only) PIC/PM

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Bill Howell, PE	Complete Streets/Mobility Solutions Lead	35	22

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science, Civil Engineering (Structural Emphasis), University of South Florida Bachelor of Arts, Business Administration, University of South Florida	FL Professional Engineer: 37284

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Bill Howell is a Senior Transportation Engineer and Planner in Lochner's Tampa office. He has been with Lochner since 1994, with 13 years' prior experience in transportation engineering. He currently focuses on project development and environment (PD&E) and planning studies. Mr. Howell has conducted and managed PD&E studies for dozens of state-level and local transportation improvement projects, often involving complex socioeconomic, environmental, cultural, and historical issues. He has considerable experience working within the NEPA framework and has overseen the preparation of categorical exclusions, environmental assessments, environmental impact statements, and state environmental impact reports. He is extremely familiar with Section 4(f) and Section 106 procedures. Mr. Howell also has notable expertise in long-range planning, corridor studies, alternatives development and analysis, and conceptual design. He has had particular experience in assessing the socioeconomic impacts of bypasses on rural communities.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
US 41 Roundabouts Final Design
Sarasota, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2020
CONSTRUCTION *(If applicable)*: 2019

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Engineer. Design of two roundabouts with landscaped centers and pedestrian signals to replace two signalized intersections. Design of bicycle lanes, curb and gutter, lighting, and ITS/ATMS facilities. Development of construction staging plan to minimize disruption to traffic and pedestrians in a busy urban setting.

b.

(1) TITLE AND LOCATION *(City and State)*
66th Street PDE Study
Pinellas County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2011
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Project development and environment (PD&E) study, involving a non-major state action (NMSA) environmental evaluation, for extensive operational improvements on 0.55 miles of SR 693 (66th Street North) in Pinellas County, Florida. The improvements involve the addition of a 12-foot-wide southbound lane along the inside median to tie the existing five-lane divided roadway section into the six-lane divided section located directly south of the project limits.

c.

(1) TITLE AND LOCATION *(City and State)*
US 41 Roundabouts PD&E Study
Sarasota, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2013
CONSTRUCTION *(If applicable)*: 2017

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Project development and environment (PD&E) study to evaluate the replacement of two US 41 intersections (10th Street and 14th Street) with roundabouts. Completion of Section 106 and Section 4(f) evaluations. Assessment of sustainable and context-sensitive design features, including the improvement of transit, bicycle, and pedestrian facilities. Creation of traffic microsimulation models and 3-D drive-through animation for use in the public involvement process. This study served as a demonstration project for future roundabout development within the city.

d.

(1) TITLE AND LOCATION *(City and State)*
15th Street East/301 Boulevard East PD&E Study
Manatee County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2017
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. PD&E study for the widening of 4.5 miles of 15th Street East / 301 Boulevard East from two to three lanes, and the construction of associated Complete Streets elements, such as bicycle lanes, sidewalks, pedestrian crossings, street lighting, and roundabouts, as well as transit improvements. Impacts to a historic district, historic cemetery, and creek are key concerns, as are potential contamination issues from petroleum and hazardous waste sites.

e.

(1) TITLE AND LOCATION *(City and State)*
Jefferson Street at Ponce De Leon Intersection Study
Brooksville, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2015
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Intersection study to recommend the improvements needed to provide adequate level of service through design year 2040. The intersection currently sees moderate to heavy traffic on all legs during peak travel periods and significant traffic queues on the north leg and has inadequate corner radii to accommodate the turning movements of the large number of tractor-trailers that pass through the facility. Lochner will evaluate a number of design alternatives, including conventional intersection improvements (e.g., additional turn lanes, traffic signal modifications, and enhanced pavement markings) as well as the replacement of the traditional intersection with a roundabout.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE a. TOTAL	b. WITH CURRENT FIRM
Andrea Ostrodka, AICP, LEED AP	Multimodal and Transit Planning Lead	13	0

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*
Bachelor of Arts, History/Environmental Studies, Emory University
Masters of Urban Planning, Urban and Regional Planning, University of North Carolina

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
AICP
LEED AP

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Andrea Ostrodka is a Senior Project Manager in Lochner's Southeast Region. She joined the firm in 2016 and brings over 13 years of diverse experience in the management of complex and high-profile planning and zoning contracts with particular experience in addressing growing areas in Florida. Before joining Lochner she served as both Director of Planning and Development and Manager of Strategic Planning for LYNX in Orlando where she oversaw their daily planning operations and coordination with over 30 local municipalities. She has diverse public and private-sector experience in comprehensive planning, community design, transit systems planning, project and team management with a focus in transportation, sustainable design, strategic planning, zoning, land development regulations, policy, code-writing, and public relations. As Director of LYNX's Planning and Development Department she oversaw the daily operations of a 25-person staff and was responsible cultivating and maintaining strategic partnerships with local governments and stakeholders to advance their transportation goals. As Manager of Strategic Planning she managed the service integration of the LYNX-SunRail Phase I program including 26 feeder routes, a bus bridge Standard Operating Procedure (SOP), and regular coordination with FDOT.

19. RELEVANT PROJECTS

a.
(1) TITLE AND LOCATION *(City and State)*
Tampa Bay Premium Transit Feasibility Study
Hillsborough County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2018
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
[X] Check if project performed with current firm

Supervisor (Task Mgr.). Performing research and analysis regarding qualification methodologies for economic impact of premium transit systems for this Tampa Bay feasibility study.

b.
(1) TITLE AND LOCATION *(City and State)*
Pasadena Hills Area Plan
Pasco County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2009
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
Check if project performed with current firm

Senior Project Manager. The Pasadena Hills Area Plan is a regional land use vision plan covering 22,000 acres in Pasco County, Florida. The plan includes villages and hamlets of concentrated residential development, commercial/retail and other non-residential uses clustered in a village center and areas set aside for more rural development and conservation. The plan resulted from a partnership among several large landowners and the county. Cost: $400,000

c.
(1) TITLE AND LOCATION *(City and State)*
US 192 Corridor Study
Osceola County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2013
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
Check if project performed with current firm

Project Manager. This study evaluated alternatives for the potential improvement and expansion of transit service along two corridors, primarily located in Osceola County, Florida. It also evaluated current and designated land uses for compatibility with economic development and transportation goals associated with the corridor. Cost: $1,000,000

d.
(1) TITLE AND LOCATION *(City and State)*
Central Florida Regional Transit Authority Transit Development Plan
Central Florida

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2013
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
Check if project performed with current firm

Project Planner. The Transit Development Plan covers a 10-year horizon and evaluates demographic changes, development and land use trends, and transportation needs for a three county area in Central Florida. The plan also outlines guidelines and recommendations for bus and rail transit service for the 10 year period, including capital and operational cost estimates. Cost: $500,000

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

(2) YEAR COMPLETED
PROFESSIONAL SERVICES:
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
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	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Alfredo Sanchez, AIA, AICP, LEED AP	**Senior Planner**	**43**	**23**

15. FIRM NAME AND LOCATION (City and State)
Bermello Ajamil & Partners, Inc., Miami, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Master of Architecture, University of Pennsylvania, 1978 **Master of City Planning, University of Pennsylvania, 1978** **Bachelor of Architecture, University of Florida, 1972**	**Registered Architect, State of Florida, 1979, Reg. No. AR 0007969** **Registered Architect, Colegio Federado de Ingenieros y Arquitectos, Costa Rica, 1985** **American Institute of Certified Planners, 1994** **LEED AP Certification, 2007**

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
American Institute of Certified Planners - 1994, Miami Chapter American Institute of Architects "Urban Planner of the Year" - 2006

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	**Dolphin Station Park & Ride Terminal Facility** **Miami, FL**	**2017 (est.)**	**2018 (est.)**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Urban Planner/ Designer. Worked with HNTB to develop building program, architectural design and landscape design for Dolphin Station Park and Ride. The Dolphin Park & Ride station will support: MDT's SR-836 Express Bus project, other Express Bus routes, a future commuter rail service, and provide a potential terminus or stop for several local bus routes serving the nearby cities of Sweetwater and Doral as well as the Dolphin Mall.**		
b.	(1) TITLE AND LOCATION (City and State) **Cypress Creek Mobility Hub Master Plan** **Ft. Lauderdale, Florida**	(2) YEAR COMPLETED PROFESSIONAL SERVICES **2015**	CONSTRUCTION (if applicable) **2015 (design)**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Planner. B&A was part of the HNTB team that was contracted by SFRTA to identify infrastructure improvements and joint development opportunities in the Cypress Creek Tri-Rail Station area. This area was identified in Broward's 2035 Long Range Transportation plan as a mobility -hub- a transit access point with frequent transit services and high development potential.**		
c.	(1) TITLE AND LOCATION (City and State) **Port Tampa Bay Channelside Master Plan** **Tampa, Florida**	(2) YEAR COMPLETED PROFESSIONAL SERVICES **On-going**	CONSTRUCTION (if applicable) **2025 (est.)**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Planner. Bermello Ajamil & Partners, Inc. (B&A), in conjunction with the Renaissance Planning Group, is preparing a Master Plan of the Tampa Port Authority's Waterfront Properties in the Channelside District that will maximize the land utilization of the Port of Tampa lands in the context of creating an active and commercially successful waterfront in consonance with cruise and other waterborne transportation activities and create value for both the Port and the City overall.**		
d.	(1) TITLE AND LOCATION (City and State) **2040 Strategic Master Plan, Miami-Dade Expressway Authority, Florida**	(2) YEAR COMPLETED PROFESSIONAL SERVICES **2016**	CONSTRUCTION (if applicable) **N/A**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Project Manager. The MDX 2040 Strategic Master Plan proposes several system wide projects with the goals of improving mobility by closing gaps in the system. The project addresses the incorporation and integration of vehicle-evolving technologies with modern transportation infrastructure, XT Lanes and will revolutionized the way people use vehicles and roads within Miami-Dade County. Intermodal centers are proposed and are vital to the development of the new XT Lanes providing greater travel options, enhance mobility and improve the quality of service and increase access to transportation choices in the Miami area.**		
e.	(1) TITLE AND LOCATION (City and State) **2025 Long Range Transportation Master Plan, Miami-Dade Expressway Authority, Florida**	(2) YEAR COMPLETED PROFESSIONAL SERVICES **2003**	CONSTRUCTION (if applicable) **N/A**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Project Manager for B&A's urban planning and roadway projects identification component of the Master Plan.**		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Alejandro Jaureguy, PE	Design, Exceptions, and Variations Lead	15	3

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Miami, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science, Civil Engineering, FIU, Miami, FL	FL Professional Engineer: 73773

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Alejandro Jaureguy is a Senior Project Engineer in Lochner's Miami office. He joined Lochner in 2014 bringing with him 12 years of experience in project management and highway design. Mr. Juareguy's project management experience includes managing multiple clients, plans production, maintenance of traffic, signing & pavement marking, utility relocation, cost estimating, quality assurance/quality control (QA/QC) reviews with numerous state agencies, municipalities, and private sector clients. Responsibilities on past projects included design of roadway, signalization and drainage improvements. He has also supervised a team of engineers and led multidisciplinary coordination with several teams to complete quality projects on schedule and under budget. Mr. Juareguy is also experienced in roadway geometric interchange design, open road tolling design and performing technical reviews of roadway and signing and pavement marking design for the Florida Department of Transportation (Florida's Turnpike Enterprise) and the Miami-Dade Expressway Authority (MDX).

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
SR 70 (Okeechobee Road) and Jenkins Road Intersection Improvements
St. Lucie County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2017
CONSTRUCTION *(If applicable)*: 2017

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Engineer. Design of intersection improvements, including the addition of through lanes and turn lanes to improve intersection capacity. Performed production and coordination with multiple disciplines for 1.5 miles roadway improvements, which include the addition of through lanes and turn lanes to improve intersection capacity.

b.

(1) TITLE AND LOCATION *(City and State)*
Hooker Highway 3R Design
Palm Beach County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2015
CONSTRUCTION *(If applicable)*: 2016

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Engineer. Design services for the milling, resurfacing, and minor widening of one mile of two-lane undivided urban minor arterial. Performed production of milling and resurfacing, shoulder widening, ADA features updates, signalization, and signing and pavement markings.

c.

(1) TITLE AND LOCATION *(City and State)*
SR 907 (Alton Road) Reconstruction, 43rd Street to East of Allison Road
Miami Beach, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2024
CONSTRUCTION *(If applicable)*: 2019

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Engineer Supervisor (Task Mgr.). Design services for the complete reconstruction of a 2.8-mile stretch of four-lane divided roadway in a dense urban area, including for the first time in Florida, the installation an entirely new roadway drainage system specifically designed to address rising sea levels. Responsible for: Overall plans production - Project consist of the reconstruction of Alton Road. Four lanes divided urban road.

d.

(1) TITLE AND LOCATION *(City and State)*
SR 968 (Flagler Street) Rehabilitation, West of 69th Avenue to West of SR 9
Miami-Dade County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2024
CONSTRUCTION *(If applicable)*: 2018

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Supervisor (Task Mgr.). Design for the resurfacing of 4.3 miles of four-lane roadway, as well as the closure of 11 unused driveways, the addition of 19 pedestrian refuge islands, and the upgrade of curb ramps to meet current ADA requirements. RRR project consists of the milling and resurfacing of Flagler Street as well as ADA and miscellaneous drainage improvements.

e.

(1) TITLE AND LOCATION *(City and State)*
SR-5_Overseas Highway from MM 48.70 - MM 49.03
Marathon Key, Monroe County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2016
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Supervisor (Task Mgr.) responsible for overseeing and coordinating the production and QA/QC of this Trace Consultant's project in Marathon Key.

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

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Randy P. Hollingworth	**Director of Planning & Landscape Design Studio**	**36**	**9**

15. FIRM NAME AND LOCATION (City and State)
Bermello Ajamil & Partners, Inc., Miami, Florida

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Master of Landscape Architecture in Urban Design, Harvard, 1984 **Bachelor of Landscape Architecture, University of Guelph, 1978**	

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	**Dolphin Park and Ride Station Master Plan** **Miami, FL**	**2017 (est.)**	**2018 (est.)**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Landscape Designer. Worked with HNTB to develop building program, architectural design and landscape design for Dolphin Station Park and Ride. The Dolphin Park & Ride station will support: MDT's SR-836 Express Bus project, other Express Bus routes, a future commuter rail service, and provide a potential terminus or stop for several local bus routes serving the nearby cities of Sweetwater and Doral as well as the Dolphin Mall.**		
b.	(1) TITLE AND LOCATION (City and State) **Cypress Creek Mobility Hub Master Plan** **Ft. Lauderdale, FL**	(2) YEAR COMPLETED PROFESSIONAL SERVICES **2015**	CONSTRUCTION (if applicable) **2015 (design)**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Landscape Designer. B&A was part of the HNTB team that was contracted by SFRTA to identify infrastructure improvements and joint development opportunities in the Cypress Creek Tri-Rail Station area. This area was identified in Broward's 2035 Long Range Transportation plan as a mobility -hub- a transit access point with frequent transit services and high development potential.**		
c.	(1) TITLE AND LOCATION (City and State) **Port Tampa Bay Channelside Master Plan** **Tampa, FL**	(2) YEAR COMPLETED PROFESSIONAL SERVICES **On-going**	CONSTRUCTION (if applicable) **2025 (est.)**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Lansdcape Designer. Bermello Ajamil & Partners, Inc. (B&A), in conjunction with the Renaissance Planning Group, is preparing a Master Plan of the Tampa Port Authority's Waterfront Properties in the Channelside District that will maximize the land utilization of the Port of Tampa lands in the context of creating an active and commercially successful waterfront in consonance with cruise and other waterborne transportation activities and create value for both the Port and the City overall.**		
d.	(1) TITLE AND LOCATION (City and State) **Truman Waterfront Park & Streetscape** **Key West, Florida**	(2) YEAR COMPLETED PROFESSIONAL SERVICES **2010**	CONSTRUCTION (if applicable) **2018**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Project Manager for a 23-acre waterfront master plan. The park incorporates a 50-foot-wide waterfront promenade, an open air amphitheater, a Turtle Rescue Hospital, a 15,000-SF event plaza with tent structure, a restaurant and historical museum, a dockmaster facility, an interactive water feature, exercise trail, outdoor zoological exhibits, a ferry terminal, a 60+ boat marina, fishing pier and a new recreation complex for the adjacent residential community of Bahama Village.**		
e.	(1) TITLE AND LOCATION (City and State) **N.E. 188th Street Roadway Widening & Streetscape** **Aventura, FL**	(2) YEAR COMPLETED PROFESSIONAL SERVICES **2015**	CONSTRUCTION (if applicable) **2016**
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm **Project Manager. B&A provided landscape architecture, engineering design,permitting, project management and construction administration services for this roadway reconstruction project that entailed converting a ½ mile of a 2-lane roadway into a 4-lane divided roadway. The roadway improvements included new paving, grading and streetscape improvements such as curb and gutters, sidewalks, landscaping, street lighting, striping and signage.**		

STANDARD FORM 330 (6/2004)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Manuel G. Vera, Jr., PSM	SUR Chief Surveyor	a. TOTAL 34	b. WITH CURRENT FIRM 34

15. FIRM NAME AND LOCATION (City and State)

Manuel G. Vera & Associates, Inc. Miami, FL

16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Bachelor of Science, Legal Studies, Nova Southeastern University, 1994 Associates of Science, Land Surveying, Miami Dade College, 1988	Professional Surveyor & Mapper, Florida, PSM#5291 (1994)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

Mr. Vera Jr., a registered Land Surveyor has over 34 years of experience with the company and throughout the state of Florida. He has managed a variety of survey contracts and projects for the Florida Department of Transportation, Miami-Dade County, Miami-Dade Expressway Authority, City of Miami, and numerous Engineering and Design firms. Mr. Vera has performed and managed all types of surveying services including: Design Surveys, Right-of-Way Control Surveys, Right-of-Way Mapping, Platting, Construction Layout, As-built Surveys, Drainage Surveys, etc. Mr. Vera is a Senior Surveyor and Mapper as well as our Senior Project Manager. He has extensive experience in the management and coordination of survey projects involving a variety of surveying techniques such as Aerial Surveys, Conventional Ground Surveying, Utilities designation, etc. Professional Affiliation: Florida Surveying & Mapping Society

19. RELEVANT PROJECTS

a

1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
D/W Right of Way Mapping Production Support FDOT District IV (Broward, Indian River, Martin, Palm Beach, and St. Lucie Counties, Florida)	On-Going	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Project Manager. On this districtwide task oriented contract, MGV is in charge for all survey activities including field survey activities and office support and mapping tasks for the duration of the contract. Cost: $1.5 Million

b

1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
Turnpike Widening Atlantic to Boynton Beach Blvd FDOT District IV (Palm Beach County, Florida)	On-Going	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Project Manager. MGV provided a Design Survey consisting of the following deliverables: the establishment of horizontal (NAD 83/90) and vertical control (NAVD 88) networks, Survey Baseline and Right of Way Lines, Aerial Targets, creation of Topographic survey and Digital Terrain Model (DTM/3D) in 3D laser scanning, Roadway Cross-Sections/Profiles, Bridge Survey, Channel Survey, and Pond Site Survey, and Project Network Control Sheets. Cost $262,847

c

1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
PD&E Study for Widening Sawgrass from S. of US 441 to W. of Powerline Rd Florida's Turnpike Enterprise (Broward County, Florida)	On-Going	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Project Manager. MGV is responsible for preparing a complete Design survey, which includes the establishment of horizontal (NAD 83/90) and vertical control (NAVD 88) networks, the creation of Topographic surveys and Digital Terrain Model, as well as provide subsurface utility engineering services (SUE). Cost: $581,822

d

1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
Cross Town Parkway Segment 1 from Manth Lane to US1 City of Port St. Lucie (St. Lucie County, Florida)	2016	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Project Manager. MGV prepared a complete Design survey which includes the establishment of horizontal (NAD 83/90) and vertical (NAVD 88) control networks, the creation of Topographic surveys and Digital Terrain Model (DTM/3D) in 3D laser scanning, perform cross sections, aerial targets, subdivision location (up to 100, as required), and geotechnical support. Cost $183,080 (Survey Services: $133,080 & SUE Services $50,000)

e

1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
Miscellaneous Stormwater Infrastructure Surveys – Master Plan Basins – Section: (3-41-24) PWWM (Miami Dade County, FL)	2016	N/A

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm

Project Manager. MGV provided survey services, including: the establishment of horizontal (NAD 83/90) and vertical control (NAVD 88) networks, as well as coordinates, elevation, and description for all points. Points included are: Structures (Catch-Basins, Manholes, Structure, Grease Interceptors), Outfall/Culverts, a total of four (4) Canal Cross Sections, Bridges, Control Structures (Watergates, etc.), Topographic Survey, and Field Reconnaissance. Cost $191,525

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
RAJ KRISHNASAMY, P.E.	**Principal Geotechnical Engineer**	**30**	**17**

15. FIRM NAME AND LOCATION *(City and State)*

TIERRA SOUTH FLORIDA, INC., West Palm Beach, Florida

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
BS Civil Engineering, Christian Brothers University, 1987 MS Civil Engineering, University of Memphis, 1996	Professional Engineer, Florida No. 53567

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

American Society of Highway Engineers, Past President, Florida Engineering Society, Past Treasurer; Geotechnical Material Engineering Council, Past Chairman

19. RELEVANT PROJECTS

a.

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

SR-997 (Krome Avenue) from SR-94/Kendall Drive to SR-90/SW 8 Street Miami-Dade County, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
On-going	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Mr. Krishnasamy is the principal in charge of the geotechnical engineering services for the project which consists of the realignment of Krome Avenue from SR 94 (Kendall Drive) to SR 90 (Tamiami Trail) in Miami, Florida. The project is approximately 5 miles long. The purpose of the study was to provide geotechnical input to the design team to assist in evaluation of the merits of the roadway improvements. Geotechnical recommendations included the discussion of various options such as surcharge, reinforced soil platform, geo-synthetic, demucking and soil mixing. TSF also provided geotechnical recommendations involving permanent cut/fill slopes, excavations, groundwater control, pavement design, and on site soil suitability. TSF is currently providing construction support services including evaluation of surcharge settlement.

b.

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

Homestead Air Reserve Park Sanitary Sewer Improvements, Miami, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Mr. Krishnasamy was the principal in charge of the geotechnical engineering study for the sanitary sewer improvements at the Homestead Air Reserve Park located at the southeast corner of SW 268th Street and SW 127th Avenue. The improvements include the construction of a sanitary sewer system consisting of gravity mains, a pump station, and a force main. Field work included Standard Penetration Test (SPT) borings Provided a summary of general soil and groundwater conditions. TSF also provided soil parameters to be utilized during design as well as geotechnical recommendations for utilities.

c.

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

Design-Build Rehabilitation of West Bridge and Bear Cut Bridge on Rickenbacker Causeway, Miami-Dade County, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Mr. Krishnasamy was the principal in charge of the geotechnical engineering study for the rehabilitation of West Bridge (Bridge No. 874541) and Bear Cut Bridge (Bridge No. 874544). As part of the project, Bear Cut Bridge will be widened on the north side to provide additional space for pedestrian and bicycle traffic. The project also included constructing French drains on the east and west sides of the bridge. Field work consisted of Standard Penetration Test (SPT) borings, Borehole Permeability (BHP) tests, and rock corings. Performed pile capacity analysis, prepared soil parameters and provided geotechnical engineering recommendations. Additionally, TSF performed studies to determine the length and pile capacity of the existing bridge (unknown foundation study).

d.

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

Pine Island Road Widening from SR 84 to Nova Drive Broward County, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Mr. Krishnasamy was the principal in charge of the geotechnical engineering study for the improvements to Pine Island Road from Nova Drive to SR-84 in Broward County, Florida. The project entails the widening and reconstruction from a 4-lane divided rural typical section to a 6-lane urban typical section, and construction of Mast Arms at Orange Grove Drive and Nova Drive. Field work included Standard Penetration Test (SPT) borings, Borehole Permeability (BHP) tests and collecting subgrade samples for Limerock Bearing Ratio (LBR) tests. Provided geotechnical recommendations for treatment of organic soils, embankment construction, temporary side slopes, pavement design, gravity wall, and on-site soil suitability.

e.

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

I-95 Express Lanes in Broward and Miami-Dade Counties (Design-Build) from the Golden Glades in Miami-Dade County to Broward Boulevard in Broward County, Broward and Miami-Dade Counties, Florida

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Mr. Krishnasamy was the principal in charge of the geotechnical engineering study for the project. existing roadway and a 4-story

	Project included the extension of the High Occupancy Toll Express lanes from northern Miami-Dade County north 13 miles to Fort Lauderdale. The project included installing Intelligent Transportation System components; modifying the Ives Dairy Road interchange; bridge widening at specific locations and installing new noise barrier walls at locations between Hollywood Boulevard and Taft Street. TSF performed geotechnical study for roadway widening, bridge widening, overhead signs, MSE walls, toll equipment gallantries and buildings. During construction TSF provided pile driving inspection and foundation certification. The project was completed on time and within budget

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Jim Corbett, CAPP	Smart Parking Task Leader	24	2

15. FIRM NAME AND LOCATION *(City and State)*

Walker Parking Consultant/Engineers, Inc., Tampa, Florida

16. EDUCATION *(Degree and Specialization)*	17. CURRENT PROFESSIONAL REGISTRATION *(State and Discipline)*
Bachelor of Arts, Business Psychology, Miami University, Oxford, OH	Certified Administrator of Public Parking (CAPP)

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Florida Parking Association – Immediate Past President; International Parking Institute, Green Parking Council - Green Garage Certification Workshop; US Department of Homeland Security, Emergency Management Institute - Certified FEMA Incident Command System: 100, 200 and 700 level

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Broward County Convention Center Expansion Study Fort Lauderdale, FL	2016	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Parking Consultant on the team that conducted a parking supply/demand study, projected future parking demand, and, evaluated alternatives to mitigate a 1,000 space reduction of on-site parking as a result of the partial demolition of the Northport parking garage.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
City of Dunedin Parking Management Study Dunedin, FL	2016	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Parking Consultant on the team conducting a parking supply/demand study of the on and off-street parking in Downtown Dunedin and development of a paid parking action plan.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
City of Fort Pierce Parking Management Study Fort Pierce, FL	2016	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☒ Check if project performed with current firm

Parking Consultant on the team that conducted a parking supply/demand study in Downtown and at the beach in Fort Pierce, evaluated alternative to improve the availability of parking in these areas, provided recommendations to introduce on-street parking time limits in Downtown to encourage use of off-street parking, and, evaluated a financial feasibility of constructing a parking structure adjacent to the beach.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
City of Tampa Multi-Space Parking Meter Installation Tampa, FL	2012	2012

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

As the City of Tampa Parking Division Manager, Jim oversaw the conversion of Tampa's on street parking system from single-spaced, coin only meters to multi-spaced pay stations with credit card acceptance. Achieved a 2.5-year return on the City's capital investment while increasing annual on street revenues by 30%.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
City of Tampa Virtual Parking Permit Software Mgmt. Tampa, FL	2011	2011

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

As the City of Tampa Parking Division Manager, Jim was responsible for initiating the City of Tampa's first virtual parking permit and software management solution. Using the vehicle license plate as the permit credential, the solution allowed the consumer to manage their own parking account through the integration effort of permit and license plate recognition vendors.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Robert Ruano	Grants Consultant	17	7

15. FIRM NAME AND LOCATION *(City and State)*
Ecostrata, Coral Gables, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelors in Science, Communications	None

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
>FIU Management Certificate

>LEED, Accredited Professional

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
a.	City of West Miami, FL	2014-Present	
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	Check if project performed with current firm	
	Research and write grant applications on behalf of the city		
b.	(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
	Village of Palmetto Bay, FL	2016-Present	
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	Check if project performed with current firm	
	Research and write grant applications on behalf of the city		
c.	(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
	City of North Miami Beach, FL	2016-Present	
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	Check if project performed with current firm	
	Research and write grant applications on behalf of the city		
d.	(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	Check if project performed with current firm	
e.	(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	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	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE a. TOTAL	b. WITH CURRENT FIRM
Glenn Davis	Traffic Data Collection Manager	7.5	7.5

15. FIRM NAME AND LOCATION *(City and State)*
Quality Counts, LLC (Fort Lauderdale, FL)

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science (Business Management)	N/A

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Member of ITE, ASHE, and APA.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
I-95 Interchange PD&E Study (Broward County Interchanges) Fort Lauderdale, FL – FDOT District 4	2012	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* **AND SPECIFIC ROLE** ☑ **Check if project performed with current firm**

The purpose of this study was to determine peak traffic and average daily travel for each interchange of I-95 throughout Broward County, 17 in total. QC was subcontracted by URS to perform 72-hr volume approach counts at an average of four intersections per interchange, along with 8-hr TMCs for three consecutive days (through use of video) and two 72-hr classification counts per interchange. Data was collected for one full interchange per week. Mr. Davis was responsible for project management.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
I-95 Interchange PD&E Study (Palm Beach County Interchanges) Palm Beach, FL – FDOT District 4	2013	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* **AND SPECIFIC ROLE** ☒ **Check if project performed with current firm**

The purpose of this study was to determine peak traffic and average daily travel for each interchange of I-95 throughout Palm Beach County, 17 in total. QC was subcontracted by Kittelson to perform 24-hr volume approach counts at an average of four intersections per interchange, along with AM and PM Peak TMCs (through use of video) and two 24-hr classification counts per interchange. Data was collected for two full interchanges per week. Mr. Davis was responsible for project management.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Glades Road Interchange PD&E Study Boca Raton, FL – FDOT District 4	2015	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* **AND SPECIFIC ROLE** ☒ **Check if project performed with current firm**

The purpose of this study was to determine peak traffic, average daily travel, and trip generation for the Glades Road interchange for I-95 in Boca Raton, FL. QC was subcontracted by AECOM to perform AM and PM Peak turning movement counts for three consecutive days (through use of video) at thirteen (13) intersections. In addition, QC was tasked with collecting Bluetooth data collection to determine origin-destination information for 6 identified origins. Mr. Davis was responsible for project oversight.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
City-wide Speed Limit Reduction Study Coral Gables, FL – City of Coral Gables	2016	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* **AND SPECIFIC ROLE** ☒ **Check if project performed with current firm**

Quality Counts was subcontracted by the City of Coral Gables to perform 7-day speed counts at 25 different locations around the city. Mr. Davis was responsible for the project management.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Jason Green, AICP	GIS Lead, Planner	15	9

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Salt Lake City, UT

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Masters of Science, Urban Planning, University of Utah Bachelor of Science, Urban Planning, University of Utah Bachelor of Science, Anthropology, University of Tennessee	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Mr. Green has a diverse background in urban and regional planning, project management, FTA program management, NEPA implementation, and public involvement. His areas of expertise include FTA programs and guidance, alternative development and analysis, existing conditions analysis, cultural and socioeconomic resource evaluation, environmental and land use compliance, and public involvement management. In addition, he is experienced in all levels of NEPA compliance and documentation. He has assisted in leading regional land use and transportation visioning efforts, and has worked closely with municipalities throughout the state on a variety of land use and transportation issues and opportunities. Mr. Green is also adept at agency and stakeholder coordination and is experienced in educating the public and key stakeholders on the benefits and processes of environmental and regional land use and transportation planning. His extensive permitting experience includes coordinating with the Army Corps of Engineers to complete nationwide Section 404 permitting and the State Division of Water Resources for stream alteration permits.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
Pleasant Grove Bicycle Master Plan Study
Pleasant Grove, UT

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2013
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Project management, bike/pedestrian facility planning, and public involvement services for development of comprehensive Bicycle and Pedestrian Facilities Master Plan for the City of Pleasant Grove. Responsible for managing all elements of the project including scope, schedule, and budget Managing the draft and final document preparation

b.

(1) TITLE AND LOCATION *(City and State)*
UDOT Transit Planning On-Call Services
Statewide, UT

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2013
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Environmental Specialist. Support for UDOT's Public Transit Team in managing various projects, including coordination with agencies and grant recipients around the state to identify projects eligible for FTA funding, and program management for the 5311(f) – Intercity Bus, 5316 – Job Access Reverse Commute, and 5317 – New Freedom programs.

c.

(1) TITLE AND LOCATION *(City and State)*
UDOT FTA Planning & Program Management
Salt Lake City, UT

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2016
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Three-year contract to manage and ensure compliance with the FTA programs designated to the state of Utah under SAFETEA-LU and MAP-21. Lochner will manage approximately $10,500,000 in federal funds annually. Responsible for overseeing FTA program management and compliance.

d.

(1) TITLE AND LOCATION *(City and State)*
Complete Street Policy Workshops
Ogden, Bluffdale, Centerville, UT

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2015
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Program Manager. Coordination, facilitation, and development of materials for three two-day workshops as part of a pilot program to assist municipalities to incorporate Complete Streets policies into their planning processes. Responsible for: In cooperation with the Wasatch Front Regional Council, developed a Complete Streets Policy Workshop pilot program. To date 3 cities have completed the program resulting in a draft policy to be taken up by the city councils for adoption and implementation. The workshops include 3 - 2 hour sessions discussing complete streets 101, policy elements, vision, funding, policies and procedures and draft review. Attendees include council members and department heads.

e.

(1) TITLE AND LOCATION *(City and State)*
UDOT Transit Planning On-Call Services
Statewide, UT

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2011
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Support for UDOT's Public Transit Team in managing various projects, including coordination with agencies and grant recipients around the state to identify projects eligible for FTA funding, and program management for the 5311(f) – Intercity Bus, 5316 – Job Access Reverse Commute, and 5317 – New Freedom programs.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Edwin Mojena, PE	Principal-in-Charge	23	7

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Miami, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science, Civil Engineering, University of Florida Masters of Science, Civil Engineering, Florida International University	FL Professional Engineer: 62002 LA Professional Engineer: 31283 MLST NCEES: 25563

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Mr. Mojena is a Vice President and Senior Project Manager responsible for Lochner's South Florida Transportation Unit, operating out Lochner's Miami office. He joined the firm in 2009 and has 22 years of experience in reconstruction projects, as well as the design of new controlled access facilities. As a project manager and lead engineer, Mr. Mojena has been involved in multiple tollways corridors, developing comprehensive master plans for each of the five MDX tolled expressway facilities. Specifically, he was involved in developing the alignment for the SR 874 and SR 924 HEFT Interchanges, while serving as the GEC for MDX. Mr. Mojena led inter-agency coordination for many MDX projects between the Turnpike, FDOT, SFWMD, Miami-Dade County RER, and stakeholders. This coordination led to the adoption of these projects by the Miami-Dade MPO into their LRTP.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
SR 985-SW 107 Avenue, from Killian Parkway to 581' South of SW 88 Street | Miami-Dade County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2012
CONSTRUCTION *(If applicable)*: 2013

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Principal-in-Charge for 3R project that required the development alternatives for a Turbo Lane Design, widening, ADA, Signalization, TTCP, and Milling & Resurfacing activities. Duties included project management, design, permitting, and public involvement. This project has an estimated construction cost of 1 million dollars. Services for this project also entails drainage modification, safety, and signal improvement. Responsible for performing overall project management and quality control review of deliverables. Construction cost: $1.4M.

b.

(1) TITLE AND LOCATION *(City and State)*
SR 934/NE 79th Street Causeway Over Intracoastal Waterway (Bascular Bridge Nos. 870082 & 8700554) | Miami-Dade County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2012
CONSTRUCTION *(If applicable)*: 2013

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Lochner performed field visit to review the existing bridges condition with the last bridge inspection reports and the existing bridge plans, restore concrete spall areas located in several places of the bridge, concrete railing, columns, wing walls, caps, beams and approach slab, replace existing damaged expansion joint seals on the decks and seal abutment joints with hot poured material, restore/repair some cracked welds or broken rivet connect ions, missing nuts on the fixed bearings, replace or tighten missing bolts at the steel deck, gusset plates and tie plate's connect ions as needed, inject and seal cracks located in several places of the bridge, restore as needed.

c.

(1) TITLE AND LOCATION *(City and State)*
SR 968 (W Flagler Street over Miami River) | Miami-Dade County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2011
CONSTRUCTION *(If applicable)*: 2013

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Services for project entailed updates of specification package, preparation of MSP to address revision, update transport, preparation of cost-estimate comparison of concrete pile vs. composite lumber, update cost estimate to reflect final section. Structural design of plastic composite reinforcing piles for non-standard system for a fender system subjected to ship rotational loads. Provided support structural engineering services for the bridge repair as well as structural engineering services for substructures.

d.

(1) TITLE AND LOCATION *(City and State)*
SR A1A-Collins Avenue-Indian Creek Drainage Along 43rd Street Miami Beach, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2015
CONSTRUCTION *(If applicable)*: 2015

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Principal-in-Charge. Services for project included minor highway design, signing, pavement marking & channelization, lighting, signalization & design, right of way, miscellaneous structures and construction surveying services.

e.

(1) TITLE AND LOCATION *(City and State)*
I-95/Spanish River Boulevard Interchange Design-Build | Palm Beach County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2017
CONSTRUCTION *(If applicable)*: 2017

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Principal-in-Charge. Design and construction of the I-95 (SR 9) Interchange at Spanish River/FAU Blvd., the I-95 (SR 9) Interchange at Yamato Rd., addition of auxiliary lanes on I-95 (SR 9) from Glades Rd. to Peninsula Corp. Dr. (Congress Avenue Exit) in both directions, and cross street improvements of Yamato Rd., Spanish River Blvd., and FAU Blvd.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Thomas Stoner, PE, P.Eng	QA/QC Manager	33	33

15. FIRM NAME AND LOCATION *(City and State)*
H.W. Lochner, Inc., Tampa, FL

16. EDUCATION *(DEGREE AND SPECIALIZATION)*	17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Bachelor of Science, Civil Engineering, University of Florida	FL Professional Engineer: 40251 IL Professional Engineer: 062.061429 KY Professional Engineer: 22142

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Tom Stoner is a Senior Transportation Engineer with the Tampa office and also Lochner's Alternative Delivery group. He has more than 33 years of transportation engineering experience—all as part of the Lochner team. Mr. Stoner has served in project management, Engineer of Record, and senior design roles for a diverse range of projects—predominantly roadway, bridge, and interchange design, but also project development and environment studies, traffic studies, traffic design, and construction engineering and inspection (CEI) contracts. He has led the design of dozens of greenfield and brownfield roadway projects in urban and rural locations. His technical expertise includes complex roadway and interchange geometrics, lighting, signalization, signing and pavement marking, drainage, traffic analysis, permitting, and CADD systems management. He also has experience in construction inspection, document control, and CPM scheduling—tasks that he notably performed as part of Lochner's CEI team for the $220 million Sunshine Skyway Bridge, which spans Florida's Tampa Bay.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*
FDOT District 7 General Engineering Consultant
Districtwide, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2019
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager: General engineering consultant services for five-year period (2014–2019) under a $30M contract spanning transportation development support tasks in the areas of engineering, surveying, architecture, landscaping, geographic information systems, and management with a primary focus on design-build program management, as well as right of way appraisal and acquisition services.

b.

(1) TITLE AND LOCATION *(City and State)*
GEC-Task01 Gateway Express DB RFP Support
Pinellas County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2014
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Design–build services for the Gateway Express: an elevated, tolled expressway connecting US 19, St. Petersburg–Clearwater Airport, and the Bayside Bridge directly to I-275. Lochner will combine five sets of design plans originally intended for separate construction, adjust to include toll facilities, reduce detail to the level of indicative plans suitable for a design–build RFP, and create a homogenous design that can be built as one project. Lochner will also prepare all technical specifications for the design–build RFP and provide technical advice to FDOT during the two-stage selection and evaluation process, including a review of the plans and alternative technical concepts submitted in Stage 2. Once FDOT selects a design–build team and the project commences, Lochner will review all design plans prior to construction and will serve as FDOT's Client's representative for technical issues that arise during construction.

c.

(1) TITLE AND LOCATION *(City and State)*
GEC-Task03 I-275-SR 60 Interchange Analysis
Hillsborough County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2014
CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Development of design concepts, estimation of the associated right of way impacts and construction costs, and level of service analyses for the addition of express lanes through the I-275/SR 60 interchange. The concepts will include connections to Tampa International Airport, the Veterans Expressway express lanes, and a Westshore intermodal center; general access to the Westshore business district; and future connections to an intercity passenger rail system.

d.

(1) TITLE AND LOCATION *(City and State)*
SR 690 (SR 686) Stage 2-3, EB Zipper
Pinellas County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2014
CONSTRUCTION *(If applicable)*: 2019

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Design of eastbound travel lanes for 1.25 miles (40th Street to 28th Street) of the new SR 690 (SR 686) connector to I-275 in Clearwater, Florida, including a 1,700-foot mainline bridge, cantilevered over the 34th Street intersection.

e.

(1) TITLE AND LOCATION *(City and State)*
US 19 (SR 55) from N of Nebraska Ave to S of Timberlane Rd
Pinellas County, FL

(2) YEAR COMPLETED
PROFESSIONAL SERVICES: 2019
CONSTRUCTION *(If applicable)*: 2025

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project Manager. Design to upgrade of 2.4 miles of US 19 from north of Nebraska Avenue to south of Timberlane Road from a six-lane arterial to an elevated, six-lane controlled-access expressway with two-lane, one-way frontage roads on either side. To improve pedestrian safety, Lochner developed an innovative design for a "pedestrian thruway"—the first of its kind—which will allow pedestrians to cross US 19 at grade under an elevated road profile. This will cost significantly less than an overpass and has much greater accessibility.

State of Florida

Board of Professional Engineers

Attests that

James Edward Spinks III, P.E.

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

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

Expiration: 2/28/2019

Audit No: 228201930426 R

P.E. Lic. No:
66775

Transportation Professional Certification Board Inc.

certifies that

James Edward Spinks III

has met all of the requirements established by the Certification Board to use the title of

PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

Unless withdrawn by the Certification Board, this certificate number 2530 issued in Washington, D.C. is subject to the provisions for renewal

November 24, 2008

Steven D. Hofener
Chair

PTOE
PROFESSIONAL TRAFFIC OPERATIONS ENGINEER
TRANSPORTATION PROFESSIONAL CERTIFICATION BOARD INC.

Executive Director

State of Florida
Board of Professional Engineers
2639 North Monroe Street, Suite B-112
Tallahassee, FL 32303-5268

Edwin F. Mojena
20121 NW 77 CT
MIAMI, FL 33015

NOTICE

FBPE no longer requires that continuing education be reported by the provider. Instead licensees will be subject to a random audit no more than every four (4) years. If you are selected for the random audit, you must provide verification of one (1) hour of Florida laws and rules, one (1) hour of professional ethics, four (4) hours of area of practice and twelve (12) hours in any topic pertaining to the practice of engineering, all taken prior to February 28, 2017. (See s. 471.017, Fl. Stat.) Any CE hours taken after February 28, 2017 will result in a $100 delinquent fee and your license being placed in a delinquent status until the additional fee is paid.

State of Florida

Board of Professional Engineers
Attests that
Edwin F. Mojena , P.E.

FBPE

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201924784
P.E. Lic. No: 62002

State of Florida

Board of Professional Engineers
Attests that
Edwin F. Mojena , P.E.

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201924784 R
P.E. Lic. No: 62002

State of Florida

Board of Professional Engineers

Attests that

Thomas W. Stoner , P.E.

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

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

Expiration: 2/28/2019

Audit No: 228201922623 R

P.E. Lic. No:
40251

4:29:28 PM 7/6/2017

Licensee Details

Licensee Information

Name:	**BOUCK, LARA-MAE M (Primary Name)**
Main Address:	**1300 DOVE DRIVE** **ORLANDO Florida 32803**
County:	**ORANGE**
License Mailing:	
LicenseLocation:	

License Information

License Type:	**Professional Engineer**
Rank:	**Prof Engineer**
License Number:	**70129**
Status:	**Current,Active**
Licensure Date:	**08/05/2009**
Expires:	**02/28/2019**

Special Qualifications	Qualification Effective
Civil	**12/05/2008**

Alternate Names

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View License Complaint

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This certificate hereby qualifies

Jason A. Green, AICP

as a member with all the benefits of a Certified Planner
and a commitment to the AICP Code of Ethics and Professional Conduct.

Certified Planner Number 024333

Paul Farmer, FAICP
Executive Director and CFO

Paul Ingham, AICP
President

The American Planning Association's
Professional Institute
American Institute of Certified Planners

Making Great Communities Happen

State of Florida

Board of Professional Engineers

Attests that

William Gregory Howell , P.E.

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

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

Expiration: 2/28/2019

Audit No: 228201922433 R

P.E. Lic. No:
37284

State of Florida
Board of Professional Engineers
2639 North Monroe Street, Suite B-112
Tallahassee, FL 32303-5268

Alejandro A. Jaureguy
15247 SW 146TH TERRACE
MIAMI, FL 33196

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State of Florida

Board of Professional Engineers
Attests that

Alejandro A. Jaureguy , P.E.

FBPE

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201914958
P.E. Lic. No: 73773

State of Florida

Board of Professional Engineers
Attests that

Alejandro A. Jaureguy , P.E.

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201914958 R
P.E. Lic. No: 73773

State of Florida
Board of Professional Engineers
2639 North Monroe Street, Suite B-112
Tallahassee, FL 32303-5268

Jorge A. Lopez
8912 W FLAGLER STREET #212
MIAMI, FL 33174

NOTICE

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State of Florida

Board of Professional Engineers
Attests that

Jorge A. Lopez , P.E.

FBPE

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019 **P.E. Lic. No:** 73797
Audit No: 228201931414

State of Florida

Board of Professional Engineers
Attests that

Jorge A. Lopez , P.E.

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019 **P.E. Lic. No:** 73797
Audit No: 228201931414 R

AICP

The American Institute of Certified Planners

The Professional Institute of the American Planning Association

hereby qualifies

Andrea D Petersen

as a member
with all the benefits
of a Certified Planner and
responsibility to the
AICP Code of Ethics
and Professional Conduct.

Certified Planner Number: **020603**

April 3, 2006

PRESIDENT

EXECUTIVE DIRECTOR

4:32:42 PM 7/6/2017

Licensee Details

Licensee Information

Name:	**SAMUS, JOSEPH N. (Primary Name)**
Main Address:	**10018 N. 52ND STREET** **TAMPA Florida 33617**
County:	**HILLSBOROUGH**
License Mailing:	
LicenseLocation:	

License Information

License Type:	**Professional Engineer**
Rank:	**Prof Engineer**
License Number:	**80489**
Status:	**Current,Active**
Licensure Date:	**01/01/2016**
Expires:	**02/28/2019**

Special Qualifications	Qualification Effective
Civil	**07/28/2015**

Alternate Names

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State of Florida

Board of Professional Engineers

Attests that

Manuel Arturo Sauleda , P.E.

FBPE

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

Expiration: 2/28/2019

Audit No: 228201901923

P.E. Lic. No:
45988

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State of Florida

Board of Professional Engineers

Attests that

Manuel Arturo Sauleda , P.E.

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

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

Expiration: 2/28/2019

Audit No: 228201901923 R

P.E. Lic. No:
45988

4:30:03 PM 7/6/2017

Licensee Details

Licensee Information

Name:	**WEY, MATTHEW GREGORY (Primary Name)**
Main Address:	**710 S. DAVIS BLVD** **TAMPA Florida 33606**
County:	**HILLSBOROUGH**
License Mailing:	
LicenseLocation:	

License Information

License Type:	**Professional Engineer**
Rank:	**Prof Engineer**
License Number:	**59545**
Status:	**Current,Active**
Licensure Date:	**01/14/2003**
Expires:	**02/28/2019**

Special Qualifications **Qualification Effective**

Alternate Names

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4:27:30 PM 7/6/2017

Licensee Details

Licensee Information

Name:	**WOLCZYNSKI, MATTHEW J. (Primary Name)**
Main Address:	**3107 W. SAN PEDRO ST.** **TAMPA Florida 33629**
County:	**HILLSBOROUGH**
License Mailing:	
LicenseLocation:	

License Information

License Type:	**Professional Engineer**
Rank:	**Prof Engineer**
License Number:	**67768**
Status:	**Current,Active**
Licensure Date:	**03/10/2008**
Expires:	**02/28/2019**

Special Qualifications	Qualification Effective
Civil	**08/24/2007**

Alternate Names

View Related License Information

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STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF ARCHITECTURE & INTERIOR DESIGN (850) 487-1395
2601 BLAIR STONE ROAD
TALLAHASSEE FL 32399-0783

SANCHEZ, ALFREDO C
4200 ALTON RD
MIAMI BEACH FL 33140

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STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION

AR0007968 ISSUED: 12/05/2016

ARCHITECT
SANCHEZ, ALFREDO C

IS LICENSED under the provisions of Ch.481 FS.
Expiration date : FEB 28, 2019 L1612050000892

DETACH HERE

RICK SCOTT, GOVERNOR KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF ARCHITECTURE & INTERIOR DESIGN

LICENSE NUMBER
AR0007968

The ARCHITECT
Named below IS LICENSED
Under the provisions of Chapter 481 FS.
Expiration date: FEB 28, 2019

SANCHEZ, ALFREDO C
4200 ALTON RD
MIAMI BEACH FL 33140

34

DISPLAY AS REQUIRED BY LAW SEQ # L1612050000892

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The Office of Supplier Diversity provides resources designed to improve business and economic opportunities for Florida's woman-, veteran- and minority-owned businesses. Learn more about becoming a certified business enterprise at ***dms.myflorida.com/osd*** or call 850-487-0915.

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AC# 01700984

SIGNATURE

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Name changes require legal documentation verifying the name change, which must be mailed to the DBPR. An original, a certified copy or a duplicate copy of an original or certified copy of a document that shows the legal name change will be accepted, unless the DBPR has a question about the authenticity of the document.

If applicable, the DBPR will send a renewal notice to your last known address or email address of record. If you have not received your renewal notice, please call our Customer Contact Center at 850.487.1395 or online at www.MyFloridaLicense.com/contactus.

Please refer to your profession's governing statutes and Administrative codes for further information regarding renewals. These may be accessed from our website.

AC# 01700984

AICP

ALFREDO C. SANCHEZ

HAS QUALIFIED AS A

MEMBER

AMERICAN INSTITUTE OF CERTIFIED PLANNERS

JULY 1994

DATE OF MEMBERSHIP

Joanne Garnett

PRESIDENT

EXECUTIVE DIRECTOR

AICP

ALFREDO C. SANCHEZ

HAS QUALIFIED AS A

MEMBER

AMERICAN INSTITUTE OF CERTIFIED PLANNERS

JULY 1994

DATE OF MEMBERSHIP

Joanne Garnett

PRESIDENT

EXECUTIVE DIRECTOR

This certificate hereby qualifies

Alfredo C. Sanchez, AICP

as a member with all the benefits of a Certified Planner
and a commitment to the AICP Code of Ethics and Professional Conduct.

Certified Planner Number 011028

Paul Farmer, FAICP
Executive Director and CEO

Paul Inghram, AICP
President

The American Planning Association's
Professional Institute
American Institute
of Certified Planners

Making Great Communities Happen

U.S. Green Building Council

HEREBY CERTIFIES THAT

Alfredo C. Sanchez

HAS ACHIEVED THE DESIGNATION OF

LEED® ACCREDITED PROFESSIONAL

BY DEMONSTRATING THE KNOWLEDGE OF GREEN BUILDING PRACTICE REQUIRED FOR SUCCESSFUL IMPLEMENTATION OF THE LEADERSHIP IN ENERGY AND ENVIRONMENTAL DESIGN (LEED®) GREEN BUILDING RATING SYSTEM™.

Chairman

Date Issued
August 13, 2007

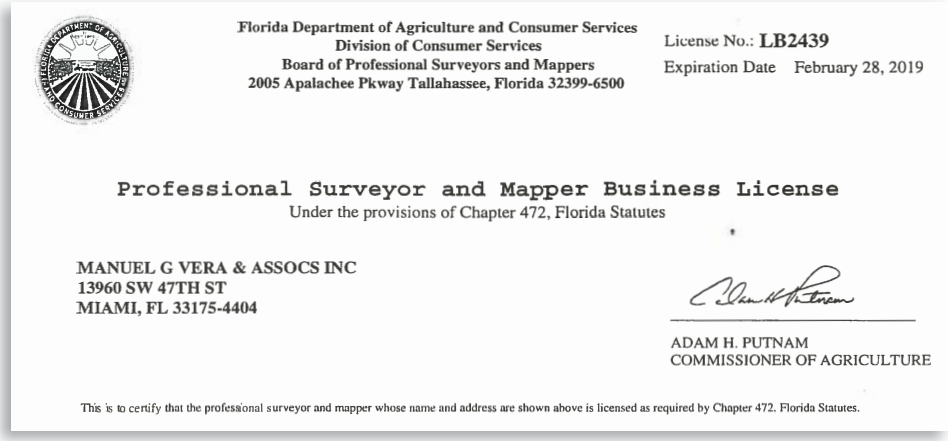
S. Richard Fedrizzi, President, CEO and Founding Chairman

Printed on 50% bamboo fibers / 100% post-consumer fibers with vegetable based inks.

Professional Licenses

Manuel G. Vera & Associates, Inc.

Professional Surveyor and Mapper
Business License No.: LB2439



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: LB2439
Expiration Date February 28, 2019

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

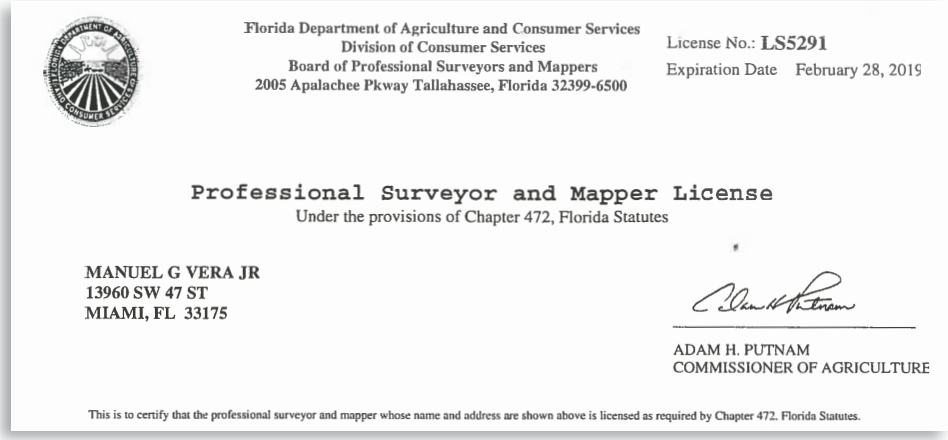
MANUEL G VERA & ASSOCS INC
13960 SW 47TH ST
MIAMI, FL 33175-4404

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.

Manuel G. Vera, Jr., PSM

Professional Surveyor and Mapper
License No.: LS5291



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: LS5291
Expiration Date February 28, 2019

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

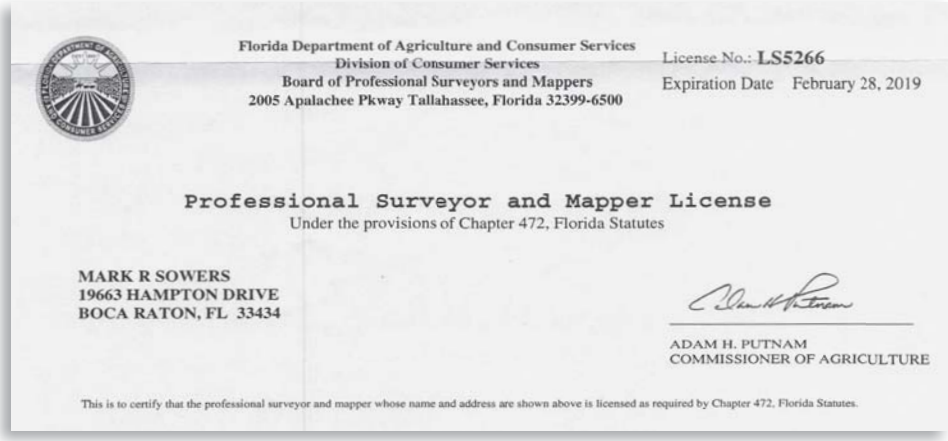
MANUEL G VERA JR
13960 SW 47 ST
MIAMI, FL 33175

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.

Mark R. Sowers, PSM

Professional Surveyor and Mapper
License No.: LS5266



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: LS5266
Expiration Date February 28, 2019

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

MARK R SOWERS
19663 HAMPTON DRIVE
BOCA RATON, FL 33434

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

KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF ARCHITECTURE & INTERIOR DESIGN

LICENSE NUMBER	
AR97799	

The ARCHITECT
Named below IS LICENSED
Under the provisions of Chapter 481 FS.
Expiration date: FEB 28, 2017

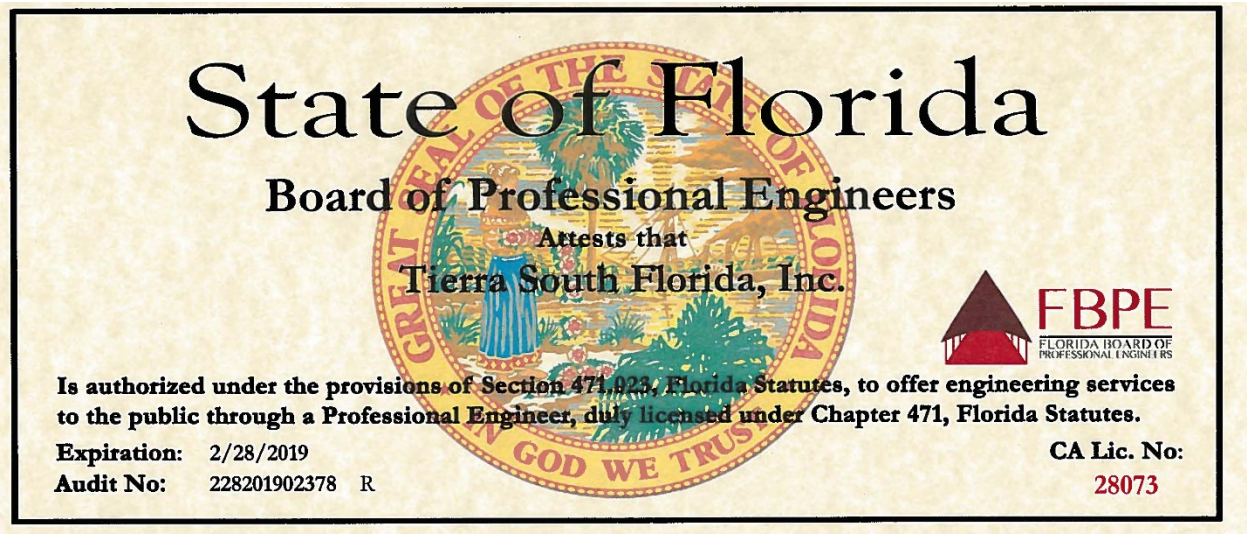
GARCIA, ANTHONY TEPEDINO
6815 SW 57TH TERRACE
MIAMI FL 33143

ISSUED: 09/06/2015

DISPLAY AS REQUIRED BY LAW

SEQ # L1509060000393

Professional Licenses


State of Florida

Board of Professional Engineers

Attests that

Tierra South Florida, Inc.

FBPE FLORIDA BOARD OF PROFESSIONAL ENGINEERS

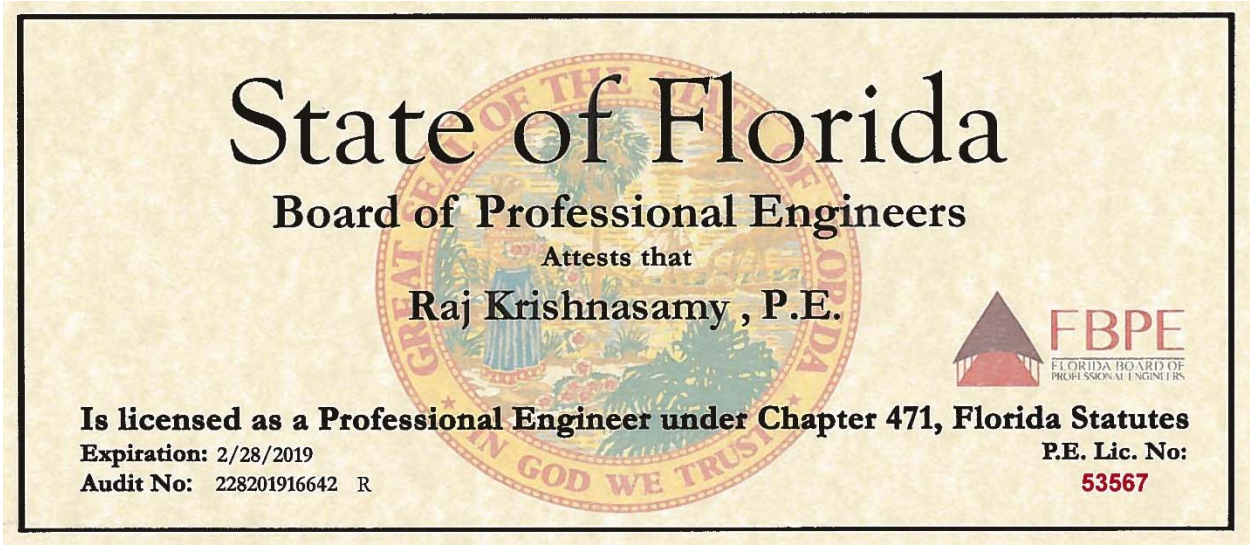
Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Expiration: 2/28/2019

Audit No: 228201902378 R

CA Lic. No: 28073

Tierra South Florida, Inc., CA 28073; Expires 2/28/2019


State of Florida

Board of Professional Engineers

Attests that

Raj Krishnasamy , P.E.

FBPE FLORIDA BOARD OF PROFESSIONAL ENGINEERS

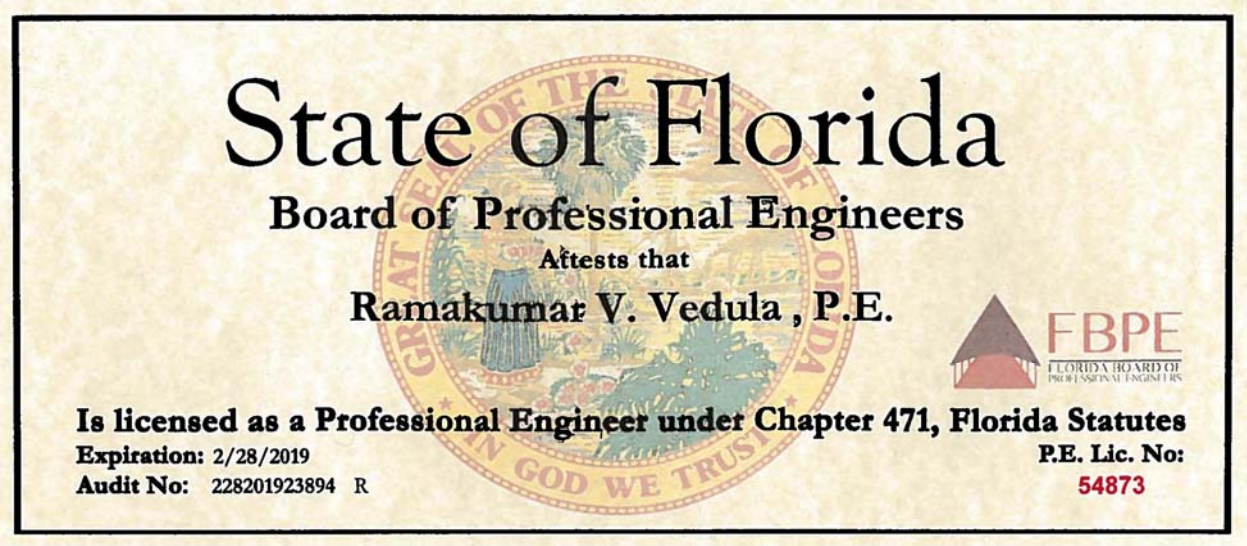
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes

Expiration: 2/28/2019

Audit No: 228201916642 R

P.E. Lic. No: 53567

Raj Krishnasamy, P.E., FL P.E. 53567; Expires 2/28/2019



State of Florida

Board of Professional Engineers

Attests that

Ramakumar V. Vedula , P.E.

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS

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

Expiration: 2/28/2019

Audit No: 228201923894 R

P.E. Lic. No: 54873

Kumar Vedula, P.E., FL P.E. 54873; Expires 2/28/2019

APPROACH TO PROJECT MANAGEMENT

James Spinks III, PE, PTOE is our proposed Project Manager for this contract and is supported by an exceptional team of experts. When new tasks arise, James holds an internal project kick-off meeting with the relevant task leaders to discuss each of the project objectives and ensure that the team has a firm understanding of the City's desired result. In the case of multiple concurrent tasks, James is assisted by each of the tasks leaders to ensure the successful and timely execution of the work.

James and the Lochner Team will be supported by well-established, technically capable firms for this contract, providing redundancy in all areas of the scope of services and the ability to simultaneously work on multiple task work orders in order to fulfill the City's goals of both the Comprehensive Multimodal Transportation Plan and the Bicycle Pedestrian Master Plan.

Manatee County, Florida15th Street East/301 Boulevard East PD&E Study Rendering

James expertise is in traffic operations and safety, transportation planning, signal design, site planning, traffic impact analysis, and ITS planning. He has worked on statewide transportation plans and plan components, such as Evaluation and Appraisal Reports (EAR), Evaluation and Appraisal Report (EAR) Based Amendments, and comprehensive plans where he has developed goals, objectives, and policies for local and state government. He has served as Project Manager on similar projects within the Tri-County area, as well as managed projects for the Florida Department of Transportation and has served as a City Traffic Engineering Consultant in more than 20 municipalities in South Florida. James will be the main point of contact between Lochner and the City of Coral Gables.

James' management style can be best described as responsive, yet proactive, as he is always available to meet the clients demands, yet based on his municipal experience can anticipate issues before they happen and manage them before they arise. James is familiar with the role of being a Project Manager on municipal contracts through firsthand experience; understanding that he will need to be available not only during typical working hours (8AM to 5PM), but also for night meetings, such as the, Commission Meetings, Special Commission meeting, Presentations and Awards, Planning Board, Design Review Board, Board of Adjustments, Historic Perseveration Board, Home Owner's Associations (HOAs), Transportation, Parking and Bicycle-Pedestrian Facilities Committee, community groups, citizen's forums, and any others that may arise. James understands that the key to success on this contract is to constantly be available to help the City of Coral Gables meet the needs and demands of the Commission, the Manager, and the residents. **James has built a solid reputation** on not only **"being there"**, but providing viable solutions to any challenges that arise at a moment's notice.

James' Project Management approach has the following elements:

1. Our Team is comprised of the best professionals in their respective fields, allowing James to focus on managing the project and maintaining a high level of confidence with his team.
2. James recommends a scoping meeting prior to negotiation and conduct a kickoff meeting to ensure that the project moves in the right direction from the moment our Team is selected.
3. In any project assignment, James makes certain key stakeholders including the City of Coral Gables residents, businesses, and local governments have their issues addressed.
4. James ensures involvement by the technical staff early, often and for the duration of the project.
5. James monitors, direct and provide oversight of transportation planning, traffic engineering, and design activities through progress meetings and daily communication.
6. James coordinates project submittals, reviews, and resolution of comments.
7. James maintains the project schedule and budget control.
8. James assures high standards while monitoring implementation of the Quality Control Plan.

James understand the demands of municipal contracts and has built a reputation of be responsive to those demands. He is responsible for ensuring that the City's needs are met on a daily basis. James served as the General Transportation Planning and/or Traffic Engineering Consultant for more than 20 municipalities in South Florida, most recently:

1. **Village of Palmetto Bay, General Transportation Planning Consultant (2014 – 2017)** | Contact: Edward Silva, Village Manager, 305-259-1234, esilva@palmettobay-fl.gov
2. **Town of Cutler Bay, General Engineering Contract (2014-2017)** | Contact: Alfredo Quintero, Public Works Director, 305-234-4262, aquintero@cutlerbay-fl.gov
3. **City of South Miami, Professional General Engineering and Architectural Services (2013-2017)** | Contact: Shari Kamali, Deputy City Manager, 305-668-2510, skamali@southmiamifl.gov
4. **Town of Miami Lakes, General Engineering Contract (2012-2017)** | Contact: Darby Delsalle, Director Planning and Zoning, 305-364-6100, delsalleD@miamilakes-fl.gov
5. **City of Doral, General Engineering Contract (2015-2017)** | Contact: Jorge Gomez, City Engineer, 305-593-6740, Jorge.gomez@cityofdoral.com
6. **Miami Shores Village, Villagewide Traffic Consultant (2015-2017)** | Contact: Tom Benton, Village Manager, 305-762-4851, bentonT@miamishoresvillage.com
7. **City of Parkland, General Engineering Consultant (2016-2017)** | Contact: Sowande Johnson, City Engineer, 954-753-5040, sjohnson@cityofparkland.org
8. **City of Aventura, Traffic Engineering Services (2015-2017)** | Contact: Joanne Carr, Community Development Director, 305-466-8940, jcarr@cityofaventura.com

A PROVEN PROCESS TO MEETING DEADLINES AND BUDGET

Having served multiple municipal agencies on similar contracts, Lochner understands the difficulty of working within tight budgets and schedules. Project scopes, budgets, and schedules for each assignment will be coordinated with the City ahead of time to ensure critical deadlines are agreed upon, scheduled, and ultimately met. If we do our job, the City looks good.

Lochner periodically holds monthly progress meetings and submits progress reports to the City throughout the life of the contract on all ongoing task work orders for the City's Project Manager to approve prior to billing. The schedule for the project progress meetings is coordinated with the City's Project Manager and attendance of all key Lochner staff members is mandatory. By requiring project progress meetings and reports, project cost control is better maintained and tracked by the City's Project Manager and Lochner staff. As projects advance and new tasks begin, James holds a task kick-off meeting with the City's Project Manager to discuss each of the projects objectives so that Lochner staff can have a firm understanding of the City's desired result. This proven process ensures that task work orders are being kept on schedule. Monthly progress reports update percentages complete for each task, which coincide with billing invoices percent complete, which ensure that the City never pays for work that has not been completed.

The project schedule and documents are stored in Lochner's ProjectWise file sharing "cloud based" system for 24/7 accessibility for the City's Project Manager, which is utilized to verify if documents are completed and where they stand for each task work order.

We will make your job easy.

APPROACH TO COST CONTROL

A detailed project cost estimate for each task assigned will quickly be developed and submitted to the City's Project Manager for approval. Once a consensus on the scope and fees has been achieved, Lochner staff are assigned and immediately begin working on the new project task. Our experience shows that this process eliminates project overruns and additional service agreements.

APPROACH TO QUALITY ASSURANCE/QUALITY CONTROL

Lochner is committed to helping the City achieve its goals of both the City of Coral Gables Comprehensive Multimodal Transportation Plan and the Bicycle Pedestrian Master Plan. Since 1944, our success is directly related to our consistent delivery high quality, cost-feasible transportation solutions that improve communities for the people.

To maintain our quality, we adopted a "bullet-proof" review technique that not only involves continuous peer review, but is "certified" by our independent quality control review board and Quality Control Officer for all deliverables. This technique involves milestone peer review checks, viable concept and evaluation screening to evaluate constructability and impacts (right of way, drainage, permits, utilities, environmental, etc.) by design staff, survey staff, and construction engineering staff.

Lochner will make viable recommendations consistent with the goals and objectives of the City of Coral Gables that provide an emphasis on mobility, economic vitality and sustainability.

The Lochner team for this contract was specifically selected to include levels of redundancy in regards to experience and knowledge to allow for the execution of multiple concurrent tasks and a thorough QA/QC process that involves independent peer reviews.

The Lochner QA/QC certification is attached to all final documents and ensures that we have followed our adopted process.

ABILITY TO PERFORM THE WORK

Lochner's approach and ability to perform the work is based on a simple formula, providing a well-balanced, redundant team of technical experts with a proven history of providing quality products to support our strong, reputable, and established Project Manager James Spinks. The Lochner team members are committed to the City of Coral Gables and have proven it repeatedly on similar contracts.

The Lochner team's established base of clients includes, but is not limited to:

- Florida Department of Transportation (FDOT)
- Miami-Dade County TPO
- Broward MPO
- Palm Beach MPO
- Martin County MPO
- St. Lucie County MPO
- City of Miami
- City of South Miami
- Town of Miami Lakes
- City of Sunny Isles Beach
- Village of Miami Shores
- Town of Cutler Bay
- City of North Miami Beach
- City of Doral
- Village of Palmetto Bay
- City of Miami Beach
- City of Homestead
- City of West Park
- City of Weston
- City of Aventura
- City of Fort Lauderdale
- City of Green Acres
- City of North Lauderdale
- SFRTA

APPROACH TO TASK WORK ORDERS

Lochner's in-house team of experts has an in-depth understanding of the local Coral Gables issues and has a depth of experience to assist in resolving them. Although there is no all-encompassing methodology to successfully completing a project, there are certain key components that are crucial in safeguarding the effectiveness of the process. The Lochner approach to a successful project includes the following key steps:

1. Clearly define the challenges and set objectives
2. Develop a feasible solution
3. Gain project acceptance and build public consensus

Clearly Define the Challenges and Set Objectives

The Lochner approach involves open discussions with City staff to identify any potential issues and develop a clear plan of resolution. Our staff has the resources necessary to help you define the challenges, determine your objectives, and most importantly, accomplish your goals. A crucial part of this process is to establish a vision of what the community wants and determine how the transportation system fits into this vision. Once the goals and objectives of the project have been established, a detailed scope and schedule will be developed for each of the work assignments.

Develop a Feasible Solution

Project feasibility is determined by analyzing the various parameters specific to each project. The analysis allows our technical professionals to predict the impact of different alternatives. The results are then compared to the previously established priorities and objectives to determine which solution will be most effective in addressing the problem while minimizing cost.

Based on our experience, the accuracy of costs is a critical element in the evaluation of alternatives. Consequently, each alternative is thoroughly reviewed by a member of our in-house design team to guarantee accurate cost estimates for each alternative, thus safeguarding the reliability of the decision making process.

In addition, we are aware of potential concerns relating to the constructability and feasibility of proposed recommendations. We propose in our approach to the project an extensive in-house review of the final recommendations by a team member from our various departments to ensure constructability and to identify any potential impacts resulting from these recommendations (i.e., right of way constraints, utility conflicts, ADA compliance, environmental, and permitting impacts among others).

At this stage, it is also crucial to identify any agencies, governmental bodies, or any other organizations that will have a stake in the approval of the proposed alternatives.

Gain Project Acceptance and Build Public Consensus

The last stage of the process is to ensure that all concerns from stakeholders are addressed and to gain acceptance of the project not only from the City of Coral Gables but also from any other pertinent agencies.

On similar contracts, Lochner made presentations to municipal committees, Planning and Zoning (P&Z) Boards, the FDOT, and City Commissions. Our staff has experience in facilitating the approval of municipal projects at the County and State level, as well as providing coordination between municipalities and agencies.

Based on our experience, we recognize that preserving a safe and efficient roadway network can sometimes lead to projects that are controversial with regards to public acceptance. Our experience has shown that in these instances, one of the most critical tasks is effective coordination and communication with all the major stakeholders. We are also particularly aware of the importance of public perception in the success of a project. We anticipate that our technical expertise and our extensive experience in building consensus will be valuable assets to the City during the public involvement phase of a project.

We will develop context sensitive solutions that include:

- A collaborative, interdisciplinary approach involving all stakeholders in providing a transportation facility that fits its setting and safe for all users
- A holistic approach to the development of transportation projects
- Preserved and enhanced scenic, aesthetic, historic, community, and environmental resources – projects in harmony with the community
- Improved and maintained safety, mobility, and infrastructure conditions
- Utilization of a shared stakeholder vision
- Fostered communication and collaboration to achieve consensus
- Exercised flexibility and creativity to shape effective transportation solutions

APPROACH TO CONNECTIVITY AND ROADWAY IMPROVMENTS

Lochner's technical approach to roadway improvements will address the following key elements:

- Review and analysis of existing conditions
- Establishing proposed geometrics
- Utility data collection
- Geotechnical exploration and evaluation
- Development of roadway design
- Identification of drainage and permitting requirements
- Traffic control plan
- Signing and pavement marking plans
- Roadway lighting
- ADA requirements
- Public information
- Design documentation and cost estimates
- Construction administration

APPROACH TO MULTIMODAL TRANSPORTATION

As congestion increases, more people are riding bikes and walking around Coral Gables than ever before. Active transportation is gaining strength and plays a key role in the life of City residents and visitors, who continue to seek alternative forms of transportation. Studies show that more than a third of people in Coral Gables at any one time are riding, walking, or taking transit. In addition, nearly half of all commuters in the City use a mode of travel other than a car. The City has adopted a "pedestrian" first mode hierarchy and supported this by prioritizing street projects with protected bike lanes, transit lanes, greenways, shared-use path, and lane elimination for complete street, traffic calming, and road diet types of improvements.

Beautiful, walkable communities combine residential, retail, office, recreation, and public transportation features to make community living easy. Enhanced bus services and light rail/streetcar extensions improve mobility and ease congestion. Even the smallest adjustments, like widening sidewalks and adding bikeways, can provide dramatic impact and add value to City resident's quality of life.

Along with easing congestion and improving air quality, the benefits of enhancing public transit are enormous. Transit-oriented development increases property values, property tax revenues, sales tax revenues and more. In short, a healthy transportation system can anchor a community's revitalization effort.

When your public transit system serves a mix of residential and commercial uses, you'll help reduce vehicle trips and make residents less dependent on their cars. Imagine the positive impact on local traffic, the economy, and air quality when facilities like libraries, hospitals, houses of worship and civic buildings are located near public transit stations.

Build shops, offices, and residential dwellings close together, centered around attractive features such as planters, benches, fountains, and public art. It's best to place parking facilities behind commercial developments rather than in the center of them. By doing so, you'll have developed an area that's walkable and inviting – villages where people want to spend time shopping, playing, living, and working.

Don't hide your facilities—design them as part of the community. Plant shrubs, trees, and flowers, and then make sure they're well-maintained. Think about attractive lighting. It's as important for safety as it is for enhancing the character of your community. The more comfortable people are in your public transit facilities, the more often they'll use them. So ensure that they look great. Make your facilities easy to get to and easy to use. Keep them clean, safe, and secure. Provide sidewalks and eliminate barriers.

Lochner, though our extensive planning experience, has identified 10 rock-solid multimodal strategies to enhance communities:

1. Make Public Transportation a planning priority
2. Make Public Transportation the center of your community
3. Make Public Transportation attractive
4. Make Public Transportation easy street for pedestrians
5. Encourage the use of Public Transportation – incentivize it
6. Encourage local businesses to support Public Transportation
7. Incentivize living near Public Transportation facilities
8. Make Public Transportation a canvas for new ideas
9. Make Public Transportation a community partner
10. Make Public Transportation an investment

Transportation alternatives ideally work in harmony and complement one another. Encouraging and facilitating public participation in major transportation decisions via pilot projects is a great way to engage the community and get buy-in for multimodal alternatives.

Make sure that public transportation services are always part of the decision-making process.

APPROACH TO TRANSPORTATON PLANNING AND TRAFFIC ENGINEERING

Operational Analysis

The Lochner team understands that although there is no all-encompassing methodology for performing a traffic operational or safety analysis, however, there are crucial steps. The Lochner Team utilizes a 10-step methodology to perform operational studies, such as **Signal Warrant Analysis, Intersection/Arterial Operational Analysis, Left Turn Phase Warrant Analysis** and other composite studies. These steps include:

- Identify the exact limits that influence the location(s)
- Perform crash analysis with collision diagrams
- Check the work program/TIP/LRTP for existing programmed improvements
- Check/review for previous studies in the area
- Perform field AM/PM/off-peak field review
- Collect required traffic data
- Build existing condition microscopic/macroscopic simulation model
- Test alternative recommendations (e.g., signal timing/phasing/geometric improvements/etc.) to measure operational benefits for each performance measure
- Calculate the Benefit-Cost (BC) and Net Present Value (NPV) of the improvements and
- Document the findings

Close coordination with the Project Manager and understanding the desired outcome is always key to developing the right methodology for each study.

Fatal Crash Reviews

Lochner staff has first-hand experience assisting FDOT D6 with fatal crash reviews and we can provide the same for Coral Gables. We extensive experience assisting with the FDOT fatal crash program, which included disposing numerous fatal crashes, assigning fatals, and reviewing fatal crash reviews while serving in-house. In general, if the fatal involves a Bike/Ped or Lane Departure, we must analyze five years crash data and use influence limits of 0.2 miles; and when analyzing other type of fatal crashes, three years of crash data is reviewed and a 0.1 mile influence limit is used. In any case, each fatality is unique and will be looked at on a case by case basis. For example, a fatal involving a suicide or DUI may not warrant further review, and that study limits may need to be extended for a high speed fatal, and for a fatal on a horizontal curve the limits should be extended to include the entire length of the curve.

Lochner developed a six-step approach to fatal crash reviews that includes:

1. Performing an "Office Review"
2. Obtaining crash data
3. Preparing collision diagrams for relevant crashes
4. Performing Crash Analysis
5. Confirming that all relevant information has been reviewed
6. Based on crash analysis and collision diagrams, determine if crash pattern exist and if the fatal warrants a field visit and improvement recommendations

3R Safety Reviews

While the City of Coral Gables is performing resurfacing, it is always a good idea to coordinate the project with minor operational or safety improvements, such as ADA ramps, cracked sidewalks or pedestrian features. As part of the 3R safety review process, we will investigate segment-wide crash patterns for wet crashes, dark condition crashes, pedestrian/bike, lane departure, and fixed object crashes. The purpose of this investigation is to identify pavement, lighting, drainage or fixed object improvements that could be addressed during the 3R project.

The Lochner Alternatives Development Team includes our traffic, highway, structural, and construction engineers and coordinates and develops the recommended improvements. Cost estimates are developed by highway engineers utilizing the LRE and unit cost from recent push button contracts so that they are precise. This ensures that when improvements are programmed in the City's Capital Improvement Plan they are estimated correctly.

APPROACH TO TRAFFIC IMPACT/SITE PLAN/DEVELOPMENT APPLICATION REVIEW

Lochner has developed an intricate 15-step process to review development applications, which eliminates the risk of not completing the review on time and ensures the project budget is preserved. Each of the steps in our review process has been thoroughly tested, and refined, and coincides with the review requirements stated in the RFQ.

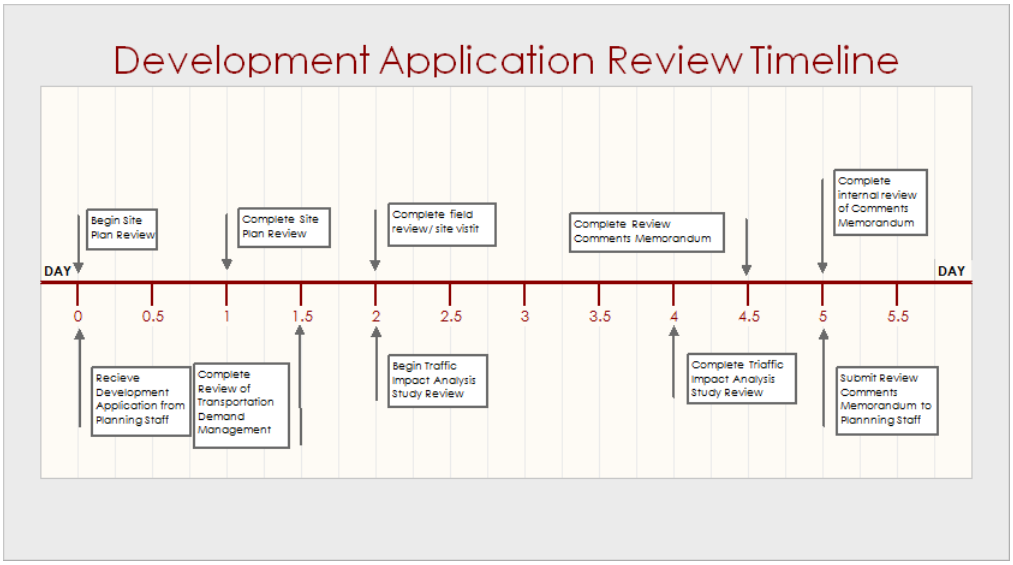
The process is listed, as follows:

Step 1: In regard to the Traffic Engineering Discipline, perform a comprehensive site plan review, as follows:

1. Verify site boundaries are clearly identified
2. Verify proposed land uses are shown
3. Verify vehicular circulation system for cars, bicycles and other required vehicle types, with indication of connection to public rights of way. Location of all parking and loading areas.
4. Verify all adjacent right of way, with indication of ultimate right of way line, center line, width, paving width, existing median cuts and intersections, street light poles and other utility facilities and easements are shown.
5. Verify pedestrian circulation system
6. Verify the following computations are shown:
   a. Number of dwelling units and/or density for residential uses only
   b. Square footage of ground covered by buildings or structures and designation of use
   c. Required number of parking spaces
   d. Number of parking spaces provided
7. Verify site plan location sketch is shown
8. Verify geometry of all paved areas including centerlines, dimensions, turning radii and elevations are shown
9. Verify the location of the trash and garbage disposal system and provisions for accessibility to garbage trucks. Lochner performs an AutoTURN analysis, when applicable.
10. Verify that Loading Areas and provisions for accessibility to vehicles of the required type are provided
11. Verify that Areas for emergency vehicles and fire engines, and provisions for accessibility to vehicles of the required type are provided. Lochner performs an AutoTURN analysis, when applicable.
12. Verify street names and addresses for any proposed building within the site plan.

Step 2: Confirm site address and perform field visits to verify access/ingress locations, access location, spacing and corner clearance; specifically identifying potential conflicts with existing roadway features (adjacent properties, signage, pavement markings and striping, turn bays, opposing driveways, etc.)
Step 3: Review Transportation Demand Management Plan
Step 4: Verify TIA trip generation calculation using latest ITE Trip Generation Manual
Step 5: Verify TIA radius of influence or impact area
Step 6: Verify data collection has been performed within the radius of influence in its entirety
Step 7: Verify existing condition analysis complies with concurrency standards (intersection micro-simulation and link LOS); checking 95% queues for intersection and driveways
Step 8: Verify project build-out year and/or phasing
Step 9: Validate proposed growth rate that applicant has utilized to grow existing traffic to future background traffic
Step 10: Verify future background analysis complies with concurrency standards (intersection micro-simulation and link LOS); checking 95% queues for intersection and driveways
Step 11: Verify future background plus project trip analysis complies with concurrency standards (intersection micro-simulation and link LOS); checking 95% queues for intersection and driveways
Step 12: Validate mitigation proposed for traffic impact, including geometric and operational impacts, if needed. Also, determine additional alternatives, if feasible
Step 13: Review and validate study recommendations
Step 14: Document review comments in memorandum and transmit to City staff within 5 days
Step 15: Attend Board Meetings, conference calls with applicant and/or City staff, Commission Meetings and all other meetings until the application is approved or denied

Utilizing this process, Lochner staff has successfully performed development review services with our clients and submit comments back to the City within one (1) week or shorter. We are well-informed of the City of Coral Gables Code of Ordinances, concurrency management system and application review process. Our proposed Project Manager is a proven and effective communicator and will work together with the City, providing high-quality rapid response to all work assignments under this contract. His ability to provide superior presentation talents to all agency committees, such as the Planning and Zoning (P&Z) Boards and City Commissions are irreplaceable. We have the ability to communicate and build project consensus within the public and all governmental agencies, including Miami-Dade County.



As the City of Coral Gables site plan applications come in, the Lochner Team reviews or prepares each traffic impact analysis using the MMLOS method of analysis. This ensures the integrity of each planned roadway is designed for complete streets, with context-sensitive design alternatives, and taking smart growth into consideration from the perspective of all users. We evaluate the tradeoffs of various street designs in terms of their effects on the auto driver's, transit passenger's, bicyclist, and pedestrian's perceptions of the quality of service provided by the street.

SUSTAINABLE DESIGN

The Lochner Team understands by definition, sustainable design is the philosophy of designing physical objects, the built environment, and services to comply with the principles of social, economic, and ecological sustainability. It is simply:

- A method of designing, while balancing and equally intergrating social, environmental, and economic goals
- Meeting the needs of the present without compromising the ability of future generations to meet their own needs

There are several elements of sustainable design, which include:

- Site Evaluation – topography, predominant wind, solar exposure, views, watershed, and existing vegetation
- Energy Efficiency and Renewable Energy – minimizing the use of energy, saving money, and reducing greenhouse gas emissions
- Water Efficiency – reduce the amount of water consumption
- Waste Management – encourage recycling and waste reduction
- Material Selection – materials and products that are recyclable, renewable, non-toxic, and locally produced reducing CO2 emissions and promoting the local economy
- Education – individuals play an important role in the future

The Lochner Team offers national leaders in developing creative and innovative transportation solutions that improve communities, with a particular emphasis on sustainable climate, energy, and healthy lifestyles. Our approach to developing sustainable transportation solutions involves creative strategies that minimize vehicle travel and enhance travel efficiency, provide economic vitality, and personal choice.

Climate – Integrating multimodal transportation with urban development and activity patterns to reduce carbon and other emissions, and promote global climate stability.

Energy – Planning and design for minimal consumption of non-renewable energy for environmental and economic sustainability.

Our team offers experience in:

- Statewide and regional sustainability strategies
- Travel-model enhancements for sustainable practices
- Sustainable urban mobility plans
- Climate action plans and carbon footprint analyses
- Transportation, transit system, and demand-management
- Research and innovation
- Best Management Practices plans for state, region, and local
- LEED ND for transportation at major developments
- Sustainable master plans for major developments
- Sustainability plans for universities, activity centers, and military bases

EXPERIENCE WORKING WITH OTHER DISCIPLINES, DESIGN PROFESSIONALS AND CONSULTANTS

As with most typical municipal contracts, there may be multiple firms providing services. The Lochner Team is accustomed to working within this environment, due to our vast experience providing these types of services in the past, and we are **adept at working with other disciplines, including coordination with other design professionals and subconsultants**. Our proposed Project Manager James E. Spinks III, PE, PTOE, was on the team that was awarded 2015 State of Florida Planning and Zoning Board "Outstanding Planning Award" by the Florida Planning and Zoning Association for the Village of Palmetto Bay Downtown Study where a team of consultants all worked together to develop the Vision of the Downtown Redevelopment Task Force (DRTF), formed by the Village Manager Edward Silva and the

Village Council. The DRTF charged the consultant team with bringing more business tax revenue to the Village, to create a vibrant and inviting live-work-play downtown community for Palmetto Bay, by stimulating mixed-use Transit Oriented Development (TOD) along the South Dade Transitway through a long-term (40-50 year) vision of the Palmetto Bay downtown area. The team of professionals working together on this project include **urban designers, financial analysis consultants, landscape architects, roadway designers, traffic engineers, transportation planners, land surveyors and transit professionals.**

Several of the Lochner Team members participated on this project, along with other consultants that the City of Coral Gables has entrusted in the past to perform services.

APPROACH TO NEIGHBORHOOD TRAFFIC CALMING

The growth of Coral Gables has increased and the traffic using the local network, thus impacting the local and residential streets. Speeding and cut-through traffic often occur through the residential neighborhood streets affecting livability and safety. Lochner staff have developed both neighborhood and citywide traffic calming plans in Miami-Dade County, most recently in South Miami, Miami Shores Village, Cutler Bay, and Palmetto Bay. Because of this recent experience, we understand not only the needs of the residents, but also what traffic flow modifications will be accepted by Darlene Fernandez, Claudia Diaz, and David Hayes, all from DTPW.

Lochner understands when performing any traffic calming study, the goals are to:

1. Make streets safer
2. Reduce travel speed
3. Reduce traffic volume and ultimately congestion

But more specifically in the City of Coral Gables, to ensure the development of a safe, efficient and integrated transportation system that promotes neighborhood livability.

Lochner will develop recommendations with the objective to:

1. Restore communities affected by speeding traffic
2. Discourage the use of local residential streets by heavy vehicles and cut-through traffic
3. Improve the quality of life in the neighborhoods
4. Improve roadway safety and reduce crashes
5. Improve safety and convenience for vulnerable road users, such as bicyclist and pedestrians
6. Change the attitude of drivers to understand that the streets are for people, as well as traffic
7. Reduce noise and disturbances

We are familiar with Miami-Dade's Miami-Dade Traffic Flow Modification(s) Street Closure(s) procedures and thresholds for traffic calming.

Lochner's approach to traffic calming is a multi-tiered approach with various levels of treatment ranging from physical treatments, psychological treatments, enforcement and educational programs. We learned through experience although specific neighborhoods may request traffic calming, traffic is fluid, a citywide or regional approach is more beneficial, so traffic issues are not pushed from one street to another adjacent street. Traffic calming should be looked at with a big picture/comprehensive approach to ensure that recommendations do not simply just push the problem to another street, by diverting traffic or restricting movements.

As demonstrated, Lochner has the experience to implement a traffic calming program from A to Z including the development of actual construction documents and construction management of installation of the traffic calming devices.

Having provided similar services in Miami-Dade County for nearly 20 years, the Lochner Team understand policies, procedures, project delivery requirements and how to coordinate with Claudia Diaz and Darlene Fernandez at the Miami-Dade Department of Transportation and Public Works (DTPW) to get the City's projects approved. This experience has allowed the Lochner Team to understand what is acceptable and what is not acceptable, but most importantly helps to bridge the gap between the City and the County to obtain approvals for some "out-of-the-box" recommendations.

For example, while performing the village-wide Traffic Calming Master Plan for the Village of Palmetto Bay, some innovative traffic calming and improvement strategies were presented and gained approval, including a reversible lanes concept and a turbo lane concept on Old Cutler Road; and a boulevard "complete street" concept on NW 67th Avenue. All of this was accomplished without diverting traffic to adjacent streets. In fact, **the County actually ended up partially funding the recommendations.**

By no means was this easy. It took technically sound analysis, a great plan and stellar communication all the way up the ladder at DTPW, including several roundtable meetings with Deputy Director Engineering Frank Guyamier and Assistant Director Darlene Fernandez. **This is what it takes to get DTPW to accept innovative solutions.**

APPROACH TO WORKLOAD

Lochner transportation planning group's workload has the capacity to take on multiple task work orders simultaneously. Lochner is a full service multidiscipline firm with more than 550 professionals who collaborate to deliver all modes of innovative, creative, state-of-the-art, cost-effective transportation solutions in transportation planning.

How will Lochner handle this project on a fast track?

Lochner staff has a reputation for providing an unmatched level of high quality and rapid responsiveness on these types of contracts, as each team member understands that task work orders under this contract will require handling short duration task assignments and conducting multiple tasks simultaneously. As shown in our organizational chart in Section 3, our team offers a deep pool of technically outstanding and reliable staff that has the professional knowledge and experience to accomplish the services detailed in the Scope of Services in a timely and cost-efficient manner.

Current and Projected Workload

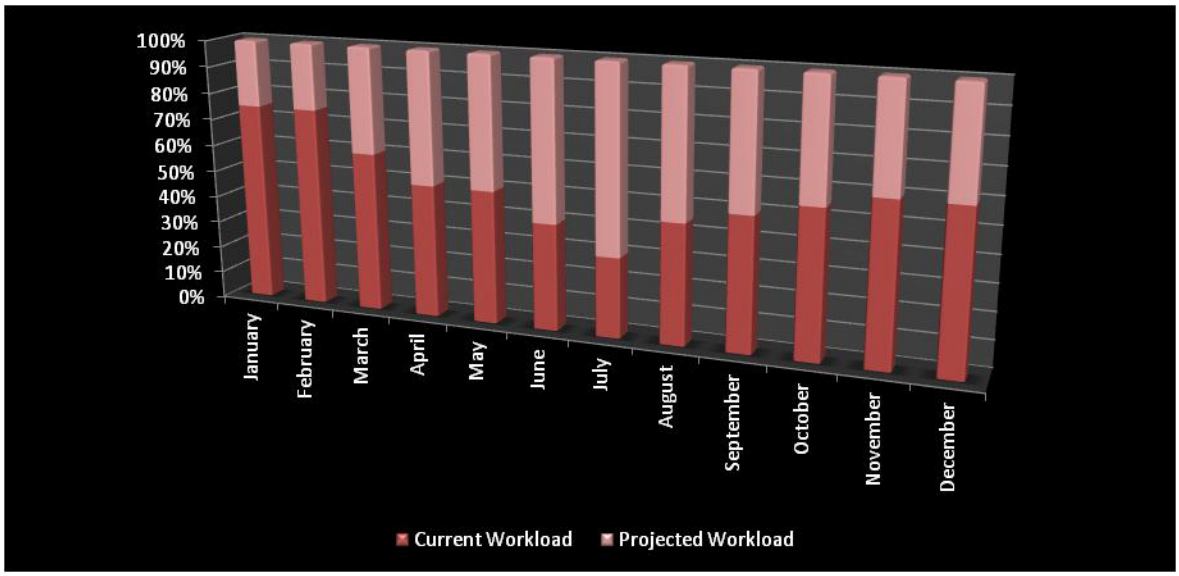
We have provided these types of services to multiple municipal agencies. We understand the keys to success for this project and are accustomed to working within tight budgets and schedules. To be successful on the project, our Project Manager James E. Spinks III, PE, PTOE will coordinate the task schedules with the City's Project Manager utilizing our pool of staff to ensure critical deadlines are met, and performing QC for all deliverables. James personally monitors each task to ensure that all tasks are completed on time.

Lochner utilizes an employee/staff schedule planning calculator based on projected workloads to ensure our clients' desires are met and we are able to protect our reputation for completing projects on-time. Many organizations have difficulty defining staffing requirements, but **Lochner's planning method has enabled our organization to preserve consistent staffing numbers to respond to our client's needs and requests.**

This innovative method of staffing has allowed Lochner to determine the number of productive hours for each staff member, calculate the number of hours required to address projected workloads, and establish the optimal number of staff required to complete each project, which improves the overall efficiency of our operations.

In addition, the Lochner Team provides a deep bench. Our team is comprised of 13 subconsultants, all of which provide redundant services in their area of expertise. **This team is comprised of thousands of professionals that may be assigned to this contract.** There is no work order that cannot be completed on-time and within budget. Each of the team members understands the demands of this contact and offers their commitment to the success of the City of Coral Gables with professionals ready to task, with available workload.

The following graph is developed based on Lochner's current projections and current workload for the next fiscal year:



WHY THE LOCHNER TEAM IS SUCCESSFUL

The Lochner team's provides an approach that works! Staff has experience working similar projects, for similar municipal clients, in Miami-Dade County. Our team has experience representing municipalities, as well as, providing coordination with the Florida Department of Transportation and Miami-Dade Department of Public Works (DTPW). Our direct experience providing municipal services in Miami-Dade County is unparalleled and gives the Lochner Team a clear and distinct advantage over all other consultant teams for this contract.

The Lochner Team assigned to this contract is composed of experts in all areas outlined in the Scope of Services, as well as, many others that can be offered to the City of Coral Gables. We have completed similar contracts successfully with highest degree of quality.

The Lochner Team communicates and builds project consensus for the City of Coral Gables projects and issues with the public and governmental agencies, whether they be simple or complex, and ensures that every one of the City's desires is met!

Lochner's Miami-Dade County office is located:

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P 305.503.9873

Lochner's does not have an office within the City of Coral Gables.

LOCHNER