

Kimley-Horn and Associates, Inc.

Bid Contact **Amy McGreger**
amy.mcgreger@kimley-horn.com
Ph 561-845-0665

Address **1920 Wekiva Way**
Suite 200
West Palm Beach, FL 33411

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch. Docs
2019-013-01-01	RFQ - No Pricing	Supplier Product Code:	First Offer -	1 / each	Y
Supplier Total					\$0.00

Kimley-Horn and Associates, Inc.

Item: **RFQ - No Pricing**

Attachments

Kimley-Horn_Lowson Boulevard Roadway Improvements_RFQ-2019-013.pdf



Lowson Boulevard Roadway Improvements

RFQ No. 2019-013

Kimley»Horn





Lowson Boulevard

Roadway Improvements

1: Introduction



Lowson Boulevard Roadway Improvements



January 10, 2019

Purchasing Department
City of Delray Beach
100 NW 1st Avenue
Delray Beach, FL 33444

RE: RFQ No. 2019-013; Project No. 17-009; Lowson Boulevard Roadway Improvements

Dear Members of the Selection Committee:

Kimley-Horn is pleased to present our qualifications and approach to serve as the City of Delray Beach's consultant for the **Lowson Boulevard Roadway Improvements** project. The City has identified the need to partner with an experienced and well-qualified engineering consulting firm to develop innovative and cost-conscious improvements for Lowson Boulevard to fulfill the goals of a \$4,463,000 grant from the Palm Beach Transportation Planning Agency (TPA), which will be administered by FDOT through their Local Agency Program (LAP) process. The City divided the design and construction plans development project into **three stages – 1)** Preparation of final engineering design and construction plans for the proposed pedestrian bridges crossing over the E-4 Canal west of Congress Avenue since widening of the existing bridge was determined infeasible; **2)** Preparation of the FDOT Initial Engineering Phase of the design and construction drawings for the entire corridor to meet FDOT'S tight deadline of early March 2019 for that phase and avoid risk to the grant award; **3)** Continue the design and drawings from Stage 2 to develop the final engineering design and plans under this project advertisement.

Given Kimley-Horn's roadway and bridge design experience as well as FDOT design and LAP process experience and established relationships with FDOT LAP staff, the City selected Kimley-Horn to accomplish Stages 1 and 2 to meet the required schedule deadlines. As such, we are currently proceeding with right-of-way survey, title search, environmental analysis, public outreach, roadway and bridge design to submit the Initial Engineering Phase of the LAP process in early March 2019. The third stage will be performed under this project advertisement and must carry the work in Stage 2 forward to final engineering design to meet the aggressive August 2019 LAP schedule. ***Given the schedule challenge, Kimley-Horn is positioned extremely well to continue the design to completion and avoid risk to the grant award.*** Furthermore, we will need to start Stage 3 work immediately as Stage 2 is submitted to FDOT and before waiting a month for FDOT's phase review and comments. Additionally, we have included two surveyors on our team to ensure that as soon as the City issues authorization to start work on this project, we will have sufficient survey crews to continue the survey work started in Stage 2. For any other engineering consultant to adopt and continue the design started by our firm, it is required by state law to go through a specific process to recreate the design before adoption, which could put the project schedule and the \$4.4 million grant award at risk. Furthermore, another consultant and surveyor will not gain the full benefit of the survey and design work started by our firm.

Agency Coordination. As your consultant, we will serve as an integral partner and trusted advisor to help you through the FDOT LAP process as we have completed several LAP projects in Palm Beach County with the same FDOT District. We will provide you with early notice of tasks and LAP forms that must be completed by City staff and officials to meet project schedule.

We have started coordination with Lake Worth Drainage District (LWDD) regarding this project and have permitted hundreds of projects with LWDD, as well as with South Florida Water Management District (SFWMD). We are currently providing design services for Palm Beach County Engineering (PBC) and have established relationships to help us manage the permitting process for the County intersections and signal modifications. We have also coordinated with individual PBC school principals as well as the School Board's Engineering staff and will do the same regarding the Pine Grove Elementary School. As we have seen on our other projects, permitting with the two railroad agencies (SFRTA and FEC) regarding the crossings is a critical path item and will be started in Stage 2.

Availability to Serve You. Our local Delray Beach office is located on South Congress Avenue, ***just 3 miles from the City offices and only half a mile from the project corridor***, which enables us to connect regarding project needs and concerns at a moment's notice as well as expeditious field visits. Clear communication is a critical step in the partnering



Lowson Boulevard Roadway Improvements

Kimley»Horn

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required for a successful project, and our close proximity allows us to meet face-to-face as needed to make sure you are kept up-to-date and informed about project progress at every step, especially given the project's aggressive schedule. We intend to promptly return phone calls, attend staff meetings and work sessions on short notice, and be held accountable to quickly meet your requests and follow up on your concerns. We make every effort to turn around even same day notice needs in order to meet client deadlines and have the resources to do so. I, **Marwan Mufleh, P.E.**, will be immediately receptive and accountable to you and will ensure that the City receives the resources necessary for a well-coordinated plan of action. Serving as project manager, as well as Principal of Kimley-Horn, I will strive to deliver not only team excellence, but timely service and practical, money-saving solutions. I make a firm commitment to deliver results consistent with the scope, schedule, and budget, while also helping the City be successful in the eyes of your constituents. Our seasoned professionals are recognized by agencies and highly respected in their fields. Our organizational structure allows our professionals from our various local offices to seamlessly collaborate to address project issues and deadlines.

Experience and Familiarity with the City. Our local offices and staff have designed hundreds of roadway projects in Palm Beach County and South Florida. Our project team is thoroughly accustomed to working with Delray Beach, having had the opportunity to serve the City on various projects for more than fifteen years, including roadway and complete streets design, park design, stormwater master planning, stormwater design, traffic calming, signal design, water main design, water supply and water treatment studies, resurfacing, and pavement analysis. Our recent experience includes serving the City as general engineering consultant as well as landscape architectural consulting services for the CRA.

Team Partnership and Commitment. Our teaming partner, **HSQ Group**, Inc. will serve as a cohesive working unit to continue the surveying and mapping services they started in stages 1 and 2, supported by **Craig A. Smith**, Inc. to provide sufficient crews to address any schedule challenges. CAS will also provide subsurface utility exploration services. In addition, **Tierra South Florida, Inc.** will continue the geotechnical services started and **Shenandoah Construction** will provide video inspection. The team presented here has the depth and availability to continue working immediately on this contract. You have our personal commitment that we will proactively manage this contract in an efficient manner that minimizes the City's required level of oversight. **Kimley-Horn is very proud of the team that we have assembled to assist the City with its mission and are confident in our ability to respond to all requests.**

Sincerely,

KIMLEY-HORN

Marwan H. Mufleh, P.E.

Project Manager/Senior Vice President

P: 561-330-2345/F: 561-863-8175

marwan.mufleh@kimley-horn.com

Note: Marwan H. Mufleh, P.E. is authorized to bind Kimley-Horn and Associates, Inc.



Lowson Boulevard

Roadway Improvements

2: Table of Contents



Lowson Boulevard

Roadway Improvements

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Lowson Boulevard

Roadway
Improvements

3: Minimum Requirements

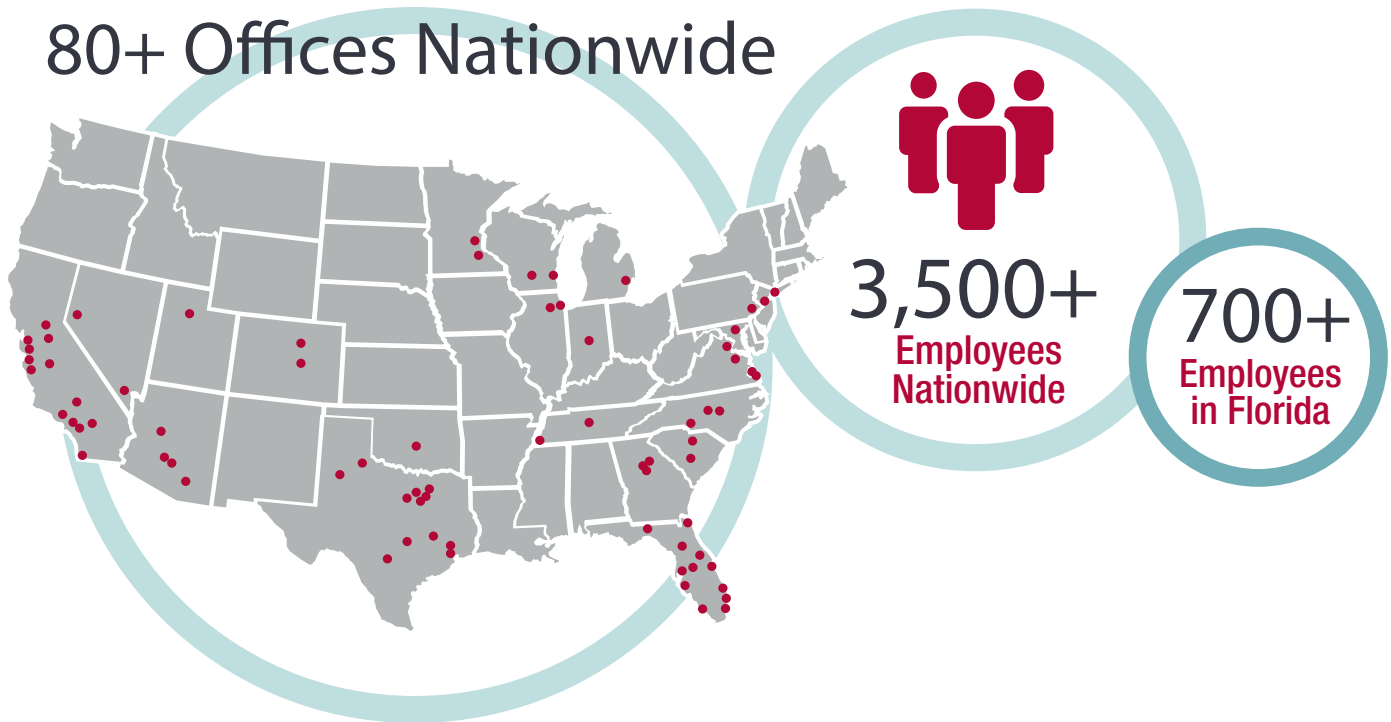
Lowson Boulevard Roadway Improvements

3: Minimum Requirements

Firm History

Kimley-Horn is a full-service planning, environmental, and engineering consulting firm specializing in transit and multimodal development projects. As the lead consultant, Kimley-Horn will have total contractual responsibility with the City of Delray Beach. We have the depth of leadership and technical resources to support you on this project, including more than 700 professionals in Florida and a full-service local Delray Beach office.

80+ Offices Nationwide



Kimley-Horn has been providing transportation consulting services in Florida for more than 51 years. We are creative problem solvers who utilize a collaborative approach with our clients to realize cost effective and successful designs. Our history means you can count on us to be there from project inception to completion. With more than 3,500 professionals and support staff nationwide (and more than 700 personnel in Florida alone), we have the right talent and resources immediately available to deliver this project on time and within budget. **More importantly, we have highly experienced local, available staff with the right skill sets to deliver this project.** We are sensitive to the needs and opinions of the City's residents, and routinely work with our clients to establish cost-effective and tangible solutions that result in practical and context-sensitive designs for this type of sensitive neighborhood improvement.

No matter the project's size, Kimley-Horn's core values propel us to concentrate on the exceptional client service we pledge on every project. We take pride in our staff's responsiveness and willingness to fulfill the high expectations our firm requires and our clients expect. These core values make Kimley-Horn the most dependable choice for the City of Delray Beach. This project will require attention to detail, LAP coordination experience, ADA expertise, understanding of constructability controls, and context-sensitive design. Our previous experience working with the City has helped us develop cost-effective solutions that fit within federal funding constraints and Kimley-Horn understands these constraints because we have successfully delivered similar roadway, sidewalk, and local improvement projects dozens of times in Florida. Our team will build on its past relevant experience to successfully deliver this project on time and within budget.



Lowson Boulevard Roadway Improvements

WHY KIMLEY-HORN?

We Know The City	We have excelled at providing responsive and quality assistance to the City of Delray Beach on various projects for more than 16 years, and we are familiar with the City's requirements, operations, and systems.
We Are Local	We opened an office in the City of Delray Beach in 2007 to more readily serve our local area clients.
Extensive FDOT LAP Project Experience	We have a thorough understanding of the LAP process and are prepared to partner with the City and FDOT as we have done for numerous similar projects throughout South Florida and across the state.
Expertise to Meet Scope Requirements	We bring a wealth of experience in roadway design, engineering, and construction-phased consulting service.
Familiarity with Similar Contracts	Kimley-Horn has a thorough understanding of the requirements of a transportation and roadway consulting contract including the need to be responsive, quickly develop scopes for assignments, and produce quality deliverables within short timeframes.
We Can Save You Time	Our approach will focus on saving your staff time by helping develop scopes of services, preparing and maintaining detailed project schedules, and leveraging our existing relationships to expedite projects.
Ample Resources Available	We commit to having the necessary resources and availability to serve the City for the duration of this contract and we offer a team that is prepared to start working for the City immediately.
Extensive Quality Assurance/Quality Control	A key element of our approach involves quality control/quality assurance and a formal in-house program for total quality management and continuous quality improvement.



Lowson Boulevard Roadway Improvements

- A. Proposer must hold a Certificate of Authorization (CA), to provide engineering services in the State of Florida, issued by the Florida Board of Professional Engineers.

State of Florida
Board of Professional Engineers

Attests that
Kimley-Horn & Associates, Inc.

Is authorized under the provisions of Section 471.023, Florida Statutes, to offer engineering services to the public through a Professional Engineer, duly licensed under Chapter 471, Florida Statutes.

Expiration: 2/28/2019
Audit No: 228201901966 R

FBPE
FLORIDA BOARD OF PROFESSIONAL ENGINEERS
CA Lic. No:
696

RICK SCOTT, GOVERNOR
JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF LANDSCAPE ARCHITECTURE

LICENSE NUMBER:
LCC000219

The LANDSCAPE ARCHITECT BUSINESS
Named below HAS REGISTERED
Under the provisions of Chapter 481 FS.
Expiration date: NOV 30, 2019

KIMLEY-HORN AND ASSOCIATES INC
421 FAYETTEVILLE STREET
SUITE 600
RALEIGH NC 24601

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

Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkwy Tallahassee, Florida 32399-6500

License No.: **LB696**
Expiration Date February 28, 2019

Professional Surveyor and Mapper Business License
Under the provisions of Chapter 472, Florida Statutes

KIMLEY-HORN AND ASSOCIATES, INC.
3001 WESTON PKWY
CARY, NC 27513-2301

ADAM H. PUTNAM
COMMISSIONER OF AGRICULTURE

RICK SCOTT, GOVERNOR
JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL GEOLOGISTS

THE GEOLOGY BUSINESS HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 492, FLORIDA STATUTES

KIMLEY-HORN AND ASSOCIATES INC
421 FAYETTEVILLE STREET
SUITE 600
RALEIGH NC 27601

LICENSE NUMBER: GB175
EXPIRATION DATE: JULY 31, 2020
Always verify licenses online at MyFloridaLicense.com

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Lowson Boulevard Roadway Improvements

B. Proposer must have personnel on staff whom are Professional Engineers licensed through the Florida Department of Business & Professional Regulation.

State of Florida
Board of Professional Engineers
Attests that
Marwan Hashem Mufleh, P.E.

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201916262 R

P.E. Lic. No: **45329**

State of Florida
Board of Professional Engineers
Attests that
James M. Sumislaski, P.E.

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201915995 R

P.E. Lic. No: **38841**

State of Florida
Board of Professional Engineers
Attests that
Sean M. Bukovich, P.E.

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Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201935813

P.E. Lic. No: **84287**

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State of Florida
Board of Professional Engineers
Attests that
Leonte Inosencio Almonte, P.E.

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201930976 R

P.E. Lic. No: **70822**

State of Florida
Board of Professional Engineers
Attests that
Gabriela Peres Ramirez, P.E.

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201915383 R

P.E. Lic. No: **79620**

State of Florida
Board of Professional Engineers
Attests that
Michael David Spruce, P.E.

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201909594 R

P.E. Lic. No: **52776**

RICK SCOTT, GOVERNOR
JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS
THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

WEBBER, JASON ADAM
3695 BARKIS AVE.
BOYNTON BEACH FL 33436

LICENSE NUMBER: PE73962
EXPIRATION DATE: FEBRUARY 28, 2021
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PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

BEALE, JULIANA
701 APPEBY STREET
BOCA RATON FL 33487

LICENSE NUMBER: PE82203
EXPIRATION DATE: FEBRUARY 28, 2021
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Lowson Boulevard Roadway Improvements

State of Florida
Board of Professional Engineers
Attests that
Samantha Ciminello Graybill, P.E.

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201912721 R

P.E. Lic. No: **81326**

State of Florida
Board of Professional Engineers
Attests that
Angelina Gou-Fairchild, P.E.

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201919201 R

P.E. Lic. No: **43958**

State of Florida
Board of Professional Engineers
Attests that
Jerry Marcus Piccolo, P.E.

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201907301 R

P.E. Lic. No: **80484**

State of Florida
Board of Professional Engineers
Attests that
Adam B. Kerr, P.E.

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201925178 R

P.E. Lic. No: **64773**

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

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

P.E. Lic. No: **83939**

State of Florida
Board of Professional Engineers
Attests that
Stephanie Alexis Kinlen, P.E.

Do not alter this document in any form.
Is licensed as a Professional Engineer under Chapter 471, Florida Statutes
Expiration: 2/28/2019
Audit No: 228201936037

P.E. Lic. No: **84302**

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RICK SCOTT, GOVERNOR JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF LANDSCAPE ARCHITECTURE

LICENSE NUMBER: LA6666795

The LANDSCAPE ARCHITECT
Named below HAS REGISTERED
Under the provisions of Chapter 481 FS.
Expiration date: NOV 30, 2019

HAIGH, JONATHAN DAVID
1920 WEKIVA WAY
STE 200
WEST PALM BEACH FL 33411

ISSUED: 09/05/2017 DISPLAY AS REQUIRED BY LAW SEQ # L1709050001267

RICK SCOTT, GOVERNOR JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF LANDSCAPE ARCHITECTURE

LICENSE NUMBER: LA6667244

The LANDSCAPE ARCHITECT
Named below HAS REGISTERED
Under the provisions of Chapter 481 FS.
Expiration date: NOV 30, 2019

RICHTER, TRICIA CHRISTINE
4341 FUSCHIA CIRCLE SOUTH
PALM BEACH GARDENS FL 33410

ISSUED: 10/11/2017 DISPLAY AS REQUIRED BY LAW SEQ # L17101100020495


Florida Institute of Technology
Melbourne, Florida

Louisalynn Brown

having satisfactorily completed the course of study and having complied with
all other requirements of the University is hereby awarded the degree of

Master of Science
Geography/Geospatial Data Management

In witness whereof the Seal of the University and the signatures of its
officers are hereunto affixed this month of June, 1992.



RICK SCOTT, GOVERNOR JONATHAN ZACHEM, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

STONE, LISA K.
1920 WEKIVA WAY
SUITE 200
WEST PALM BEACH FL 33411

LICENSE NUMBER: PE56806
EXPIRATION DATE: FEBRUARY 28, 2021
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Lowson Boulevard

Roadway
Improvements

4: Proposers Information



Lowson Boulevard Roadway Improvements

4: Proposers Information

Having worked for the city of Delray Beach for nearly two decades, the City has called on Kimley-Horn for their most challenging projects. With 51 years of experience, Kimley-Horn is a corporation founded in 1967 and is now one of the largest and fastest growing full-service consulting firms in Florida. The principals, associates, and technical directors at Kimley-Horn have formed successful and long-lasting relationships with our clients because we believe in solid firm management combined with technical excellence.

One feature that separates Kimley-Horn from other firms is our ability to provide integrated services for a project. Kimley-Horn has outstanding in-house resources and technical expertise to provide virtually all required services. Kimley-Horn's diversified resources and ability to draw from those resources at any time. ***Kimley-Horn is not a one-person team, but offers the best of both worlds—the resources of a large, nationally-ranked firm with the personal attention and response of a small dedicated professional team.*** We operate as a single business unit, meaning the full range of our firm's resources can be applied to complete your projects efficiently without barriers or corporate limitations.

Kimley-Horn is recognized nationwide for the quality of its work environment, for its stature as a business enterprise, and for the outstanding work of its consulting staff. The firm's successful peer recognition has been accompanied by a commitment to providing responsive client service, pursuing continuous quality improvement, and operating as a business-based practice. Our clients benefit from the resources of a nationally-recognized organization while receiving the personal attention and response of a small dedicated professional team. *In 2018, FORTUNE named Kimley-Horn one of its "100 Best Companies to Work For" for the eleventh time, with a ranking of #10.*

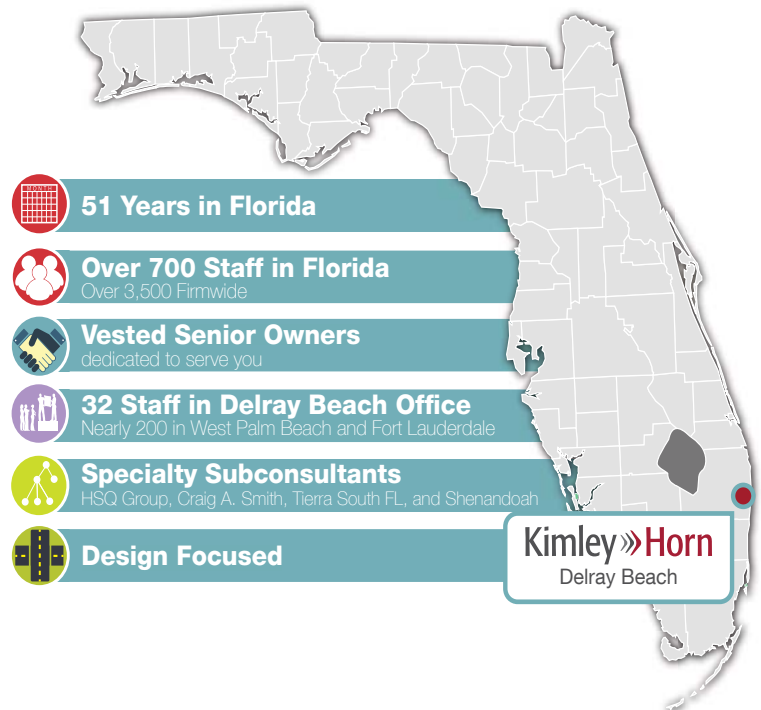
As members of the local community, we have a vested interest in the City of Delray Beach. We are very sensitive to the needs and opinions of local residents, and routinely work to establish cost-effective and tangible priorities that result in constructible and implementable plans and designs. **To provide a strong local presence and maximize our local staff, Kimley-Horn's Delray Beach office will serve the City as the primary office responsible for the actual production of the work related to this contract. 17 of our employees live in Delray Beach.** Kimley-Horn's Delray office is located just a few miles from the City's offices and Lowson Boulevard. Our Delray office has 32 full-time staff members and proximity of these resources will help to ensure that **Marwan Mufleh, P.E.** and his local staff are able to consistently provide the City with the dedicated responsiveness and personal communication it deserves.

A. Legal contracting name, including any DBA: Kimley-Horn and Associates, Inc.

B. State of organization or incorporation: North Carolina

C. Ownership structure of Proposer's company: Corporation

D. Federal Identification Number: 56-0885615





Lowson Boulevard Roadway Improvements

E. Contact information for Proposer's Corporate headquarters:

John Atz, P.E., Chairman; Kimley-Horn, 1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411;
561.845.0665; john.atz@kimley-horn.com

Tammy Flanagan, CFO; Kimley-Horn, 421 Fayetteville Street, Suite 600, Raleigh, NC 27601;
919.677.2000; tammy.flanagan@kimley-horn.com

F. Contact information for Proposer's Local office (if any):

Kimley-Horn, 1615 South Congress Avenue, Suite 201, Delray Beach, FL 33445
Marwan Mufleh, P.E., Principal; 561.330.2345; marwan.mufleh@kimley-horn.com

G. Years in business: 51

H. List of officers, owners and/or partners, or managers of the firm. Include names, addresses, email addresses, and phone numbers:

Kimley-Horn and Associates, Inc. is wholly owned by Associates Group Services, Inc., which is wholly owned by APHC, Inc., which is owned by 441 Kimley-Horn employees, none of whom own 5% or more of the outstanding shares. The corporate address for Kimley-Horn and its parent companies is 421 Fayetteville Street, Suite 600, Raleigh, NC 27601. Our Board of Directors and their contact information is listed below:

John Atz, Chairman; 1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411;
561.845.0665; john.atz@kimley-horn.com

Brooks Peed, Chairman Emeritus; 445 24th Street, Suite 200, Vero Beach, FL 32960;
772.794.4100; brooks.peed@kimley-horn.com

Barry Barber, Director; 421 Fayetteville Street, Suite 600, Raleigh, NC 27601;
919.677.2000; barry.barber@kimley-horn.com

Steve Blakley, Director; 200 South Tryon Street, Suite 200, Charlotte, NC 28202;
704.333.5131; steve.blakley@kimley-horn.com

James Hall, Director; 12750 Merit Drive, Suite 1000, Dallas, TX 75251;
972.770.1300; james.hall@kimley-horn.com

Paul Danielson, Director; 2550 University Avenue West, Suite 238N, Saint Paul, MN 55114;
651.645.4197; paul.danielson@kimley-horn.com

Nikki Kerry, Director; 660 South Figueroa Street, Suite 2050, Los Angeles, CA 90017;
213.261.4040; nikki.kerry@kimley-horn.com

Steve Lefton, President/Director; 11400 Commerce Park Drive, Suite 400, Reston, VA 20191;
703.674.1300; steve.lefton@kimley-horn.com

Emmy Montanye, Director; 817 West Peachtree Street, NW, The Biltmore, Suite 601, Atlanta, GA 30308;
404.419.8700; emmy.montanye@kimley-horn.com

Terry Murphy, Director; 11400 Commerce Park Drive, Suite 400, Reston, VA 20191;
3.674.1300; terry.murphy@kimley-horn.com

Mike Schiller, Director; 7740 N. 16th Street, Suite 300, Phoenix, AZ 85020;
602.944.5500; mike.schiller@kimley-horn.com

Chris Squires, Director; 555 Capitol Mall, Suite 200, Sacramento, CA 95814;
916.858.5800; chris.squires@kimley-horn.com

Brad Tribble, Director; 2201 West Royal Lane, Suite 275, Irving, TX 75063;
214.420.5600; brad.tribble@kimley-horn.com



Lowson Boulevard Roadway Improvements

I. Any additional organizational information that Proposer wishes to supply to augment its proposal:

Kimley-Horn offers their clients the individual, personal service they would expect from a local firm combined with the resources of a nationally ranked engineering firm. Kimley-Horn has all of the traits of a successful consultant firm, a proven record of client service, adaptability, versatility, and responsiveness. We offer high quality technical solutions, experienced project managers who are at the top of their field, and a focus on delivering proactive client service.

Our firm is one reporting center and our offices do not compete against each other for resources or contracts. As a result, we do not have a traditional reporting structure. Our project managers work with their individual project team to ensure productivity, financial accuracy, and high client service with the assistance and guidance of the regional leader and regional production manager. This regional hub concept provides our project managers with the flexibility to respond to clients at the local level and to draw upon a variety of specialists throughout the country.

The core elements of Kimley-Horn's philosophy are expressed in its mission statement:

Kimley-Horn and Associates, Inc. is a business-based consulting practice, operated with integrity and dedicated to providing timely, quality professional services in a profitable manner—thus meeting the needs of our clients and satisfying the professional and financial objectives of our employees and owners.

Kimley-Horn keeps two groups of people at the center of its business: its clients and its staff. Co-founder Ed Vick said, "We have no reason to exist except to serve our clients." That intense focus on providing quality to the people we serve has made Kimley-Horn one of the nation's top consulting firms in every discipline we practice.

But the firm's core purpose, articulated by its leadership and lived out daily, is "to provide an environment for our people to flourish." Growing professionally, having fun with our colleagues, and finding satisfaction in our work are central to our way of life.

To that purpose we add core values: "honesty, integrity, and ethics; exceptional client service; high expectations; sharing and caring; sustained profitability." Our vision is long-term and our expectation is always to perform with quality, for the sake of both groups at the center of our firm. As we look to the future, Kimley-Horn will use these values and purpose as a guide to how we operate the company in serving our clients—both external and internal.

J. Contact information for Proposer's Primary representative during this RFQ process:

Marwan Mufleh, P.E., Project Manager, Principal; 1615 South Congress Avenue, Suite 201, Delray Beach, FL 33445, 561.330.2345; marwan.mufleh@kimley-horn.com

K. Contact information for Proposer's Secondary representative during this RFQ process:

Sean Bukovich, P.E., 1920 Wekiva Way, Suite 200, West Palm Beach, FL 33411, 561.845.0665; sean.bukovich@kimley-horn.com

L. Provide details of any ownership changes to Proposer's organization in the past three years or changes anticipated within six months of the Due Date and Time (e.g., mergers, acquisitions, changes in executive leadership).

There have been no ownership changes to the Proposer's organization in the past three years and no anticipated changes within six months of January 10, 2019.



Lowson Boulevard Roadway Improvements

M. Provide the names of the persons who are principals of the company:

Kenneth W. Ackeret, P.E., PTOE, Ph.D.

John C. Atz, P.E.

Barry L. Barber

R. Russell Barnes, III, P.E.

Richard R. Barr, AICP

Mark C. Bishop, P.E.

Stephen W. Blakley, Jr., P.E.

Michael N. Byrd, P.E.

Gail M. Callaway, SPHR

David C. Campbell, P.E.

Derrick B. Cave, P.E.

James F. Collins, P.E.

Scott W. Colvin, P.E.

John R. Conrad, Esq.

Richard N. Cook, Esq.

Paul B. Danielson, P.E.

Neil T. Deans, P.E.

Bill Dvorak

Christopher V. Fry

Glenn A. Gary, P.E.

Kevin S. Gaskey, P.E., NCEES

Brian A. Good, P.E.

James R. Hall, P.E., NCEES

Leyla Hedayat

Dean A. Henigsmann, P.E.

Michael J. Hermann, P.E.

Jon B. Horn, P.E.

Jay R. Jackson, P.E.

R. Jeffery James, P.E.

Nicole M. Kerry, P.E.

Dennis J. Landaal, P.E.

Steven E. Lefton, PLA, AICP

R. John Martin, P.E.

Jason B. Matson, P.E.

Enda Melvin, P.E., NCEES

Emmy Montanye, P.E., LEED AP

Marwan H. Mufleh, P.E.

Terence T. Murphy

Brent Mutti, P.E.

William A. Nash, P.E.

Aaron W. Nathan, P.E., AICP

Anush A. Nejad, P.E., T.E.

Michael A. Norby, P.E.

Charles A. Nuckols II, P.E.

Ahmad A. Omais, P.E.

Brooks H. Peed

H. Dean Penny, P.E.

Petrus (Pierre) S. Pretorius, P.E.

Richard R. Rohrbaugh, P.E.

K.K. Saxena, CCP

Michael G. Schiller, P.E.

Christopher A. Squires, P.E.

James M. Sumislaski, P.E.

Roderick P. Swindler, P.E.

Jonathan D. Thigpen, P.E.

G. Brad Tribble, P.E.

Andrew W. Van Leeuwen, P.E.

Jon E. Wilson, PLA

Mark S. Wilson

N. Provide information on any lawsuits pending or any judgments, in the last five (5) years, which are concerned directly with the firm, the staff, or any part of the Proposer's organization, which are proposed to perform on this contract:

Kimley-Horn and its subsidiaries have provided services in all fifty states and numerous countries. Because of the many and varied projects we have completed, we are subject to various legal proceedings from time to time and in the ordinary course of business. It is not practical to provide a complete list as part of this proposal. None of the pending litigation matters, if decided against Kimley-Horn, would have a material impact on our financial statements or impair in any way our ability to serve our clients. Generally, these matters are covered by insurance, and we consider them to be without merit. If you would like to discuss our legal matters in more detail, please contact Kimley-Horn's General Counsel, Richard Cook, at 919.677.2058.

No judgements have been filed against Kimley-Horn. The cases being litigated in Florida are as follows:

Kathleen Conti v. Simon Property Group, Inc., et al.: 15th Judicial Circuit Court Palm Beach County; Case No. 502017CA008616XXXXMB Division: AE; filed 2017; personal injury claim; pending.

Sema Construction, Inc. v. City of Altamonte Springs: 18th Judicial Circuit Court, Seminole County; Case No. 215-CA-002951-15-W; filed 2016; alleged economic loss; pending.



Lowson Boulevard

Roadway Improvements

5: Experience and References

Lowson Boulevard Roadway Improvements

5: Experience and References

- a) **Submit a detailed narrative description documenting Proposer's overall background and experience to include, but not limited to, civil engineering and design consulting experience for projects greater than \$4,000,000 in construction value, as well as Proposer's knowledge and understanding of the civil engineering and design requirements for this project.**

Founded as a transportation firm in 1967, Kimley-Horn and Associates, Inc. is now one of the largest and fastest growing full-service consulting firms in Florida. Our permanent staff includes more than 3,500 professional, technical, and support staff nationwide and more than 700 employees in 15 offices throughout Florida. Kimley-Horn has four South Florida offices in Delray Beach, West Palm Beach, Fort Lauderdale/Plantation, and Miami, with more than 300 dedicated staff available to serve you. Kimley-Horn remains one of the few employee-owned consulting firms in the nation. *We have been providing civil engineering services for Delray Beach for decades. We have provided civil engineering services for municipalities throughout Florida. FDOT recognizes Kimley-Horn's expertise in roadway design and LAP process and always welcomes our involvement on behalf of municipalities.*

We are recognized for the outstanding work of our consulting staff, the quality of our work environment, and our stature as a business enterprise. In 2018, Kimley-Horn was recognized as one of Fortune magazine's "100 Best Companies to Work For," marking our tenth appearance in the last 12 years. Much of our growth extends from the confidence and trust that clients have in us. Our clients benefit from the resources of a nationally recognized organization while receiving the personal attention and response of a local dedicated professional team.

Kimley-Horn has continuously had an office in Delray Beach since 2007. We are proud to have worked on projects in Delray Beach and throughout South Florida for 50 years, and our knowledge and understanding of the area has grown significantly with our decades of service in the community.

Civil engineering and design consulting experience for projects greater than \$4,000,000 in construction value.

Kimley-Horn is one of the largest engineering design consultants in Florida and the U.S. We have designed a number of recent municipal and FDOT projects in recent years with construction values more than \$4,000,000. These projects varied from low bid to construction manager at risk to design-build projects. Project values varied considerably. For example, the Federal Highway Enhancements for Delray Beach was over \$13 million. Wiles Road Phase I for Broward County was \$10 million. The Florida Turnpike widening was close to \$100 million. A small sample of other projects with construction values over \$4,000,000 is shown below.

- ▶ Federal Highway (US 1) Enhancements, Delray Beach
- ▶ Wiles Road Widening Phase I and II, Broward County
- ▶ 24th and 25th Street Improvements, West Palm Beach

Engineering News-Record (ENR) annually compiles and publishes the rankings of the 500 largest U.S. design firms (architectural and engineering firms), measured by gross revenues. Kimley-Horn's growth over the years is reflected in its steady rise on ENR's top 500 list. **The firm first appeared on the list in 1981, when it ranked 421st.**

Today, Kimley-Horn ranks **20th overall and 7th among the top 100 "pure design firms."**





Lowson Boulevard Roadway Improvements

- ▶ Worth Avenue Restoration, Palm Beach
- ▶ Dixie Highway Flyover, Deerfield Beach
- ▶ Florida Turnpike widening
- ▶ Hypoluxo Road Widening, Lake Worth
- ▶ Palmetto Park Road Improvements and Downtown Pedestrian Promenade, Boca Raton
- ▶ Lake Worth Beach Improvements
- ▶ West Villages Parkway, North Port
- ▶ Lakewood Ranch Boulevard Extension, Sarasota
- ▶ North Collier Boulevard Improvements, Marco Island
- ▶ Capital Cascades Trail, Tallahassee

Knowledge and Understanding of the civil engineering and design requirements for this project

This project is a result of a grant award to the City from the Palm Beach County Metropolitan Planning Organization (MPO), now referred to as the Transportation Planning Agency (TPA). The grant amount of \$4,463,000 was established as the project budget in addition to \$161,000 to be contributed by the City. The award was based on the project scope established by the grant application. Our design will ensure that the proposed work is in accordance with the original scope to be eligible for the grant funding. The scope as established in the grant application is to provide bike lanes and sidewalks on both sides of the street from Military Trail to Federal Highway. We have prepared plan view aerial **Exhibits 1 through 11** showing the project limits and some of the issues along the corridor. One continuous plot of these 11 exhibits is provided in a digital pdf file for convenient review.

Since Lowson Boulevard is a City street, FDOT requires the design to meet Florida Greenbook criteria, similar to the criteria we used on all other municipal LAP projects. This means, typical sections, bike lanes, sidewalks, horizontal and vertical geometry, sight distance, ADA accessibility, traffic calming, horizontal clearances to obstacles, drainage, etc. must meet that criteria.

Kimley-Horn is under contract with the City to prepare up to 30% design plans for the entire project and 100% plans for the pedestrian bridges over the E-4 Canal just west of Congress Avenue. As part of the work, *our current and proposed staff for the project have been coordinating with the involved FDOT offices* including LAP, Right-of-Way, structures, Planning and Environmental Management, and others.

During past meetings and with the pending coordination for the first phase of the project, our staff have established a solid understanding of the project requirements and the respective FDOT staff expectations. *This puts our team in a strong position to assist the City and take the project to completion in an expeditious manner.* Given the tight deadlines for this project and the fact that FDOT told the City they would not extend deadlines, we will need to continue the design work we complete in the first phase immediately upon award without missing a beat.

One of our first tasks is to coordinate the proposed work with other potential projects that cross the corridor to avoid redesign effort. Some of these major intersecting corridors include Military Trail (County roadway) at the west end; Homewood Blvd; Congress Avenue (County corridor) which the City evaluated a study to reconfigure the corridor; a SFRTA railroad crossing; FDOT's I-95 overpass with the express lane master plan; Swinton Avenue with the new FDOT project to provide bike lanes; FEC railroad crossing at Dixie Highway (County roadway); and Federal Highway at the east end of the project.

Typical Sections

We are currently developing typical section alternatives to provide bike facilities and sidewalks. Once completed, we will meet with the City to review and refine the sections. This 3.5-mile-long corridor is made up of three distinct segments. The west segment from Military Trail to Congress Ave has a consistent 80' wide right-of-way corridor and is lined with single and multifamily homes. This segment allows us to consider different typical section configurations.

One option is to provide on-street buffered bike lanes by widening the existing two-lane roadway and placing sidewalks near the right-of-way lines as shown on **Exhibit A**. Buffered bike lanes are the new criteria for improving bicycle safety with the added separation from vehicular traffic and 7' buffered bike lanes have become the preferred FDOT criteria



Lowson Boulevard Roadway Improvements

for state roadways. However, the Greenbook criteria still allows for standard 5' bike lanes for flush shoulders and 4' for curbed sections.

Another option is to provide a shared-use path as a great amenity to the neighborhood to serve bikes, pedestrians, joggers, etc. while placing sidewalk on the opposite side as shown on **Exhibit B**. The shared-use path can be located on either side of the roadway but final determination will be based on minimizing conflicts with existing features. We will be meeting with City staff soon to determine preferred bike lane widths and desired consistency throughout the City. It is worth noting the Greenbook criteria requires a minimum width of 11' for through lanes with flush shoulder and Average Daily Traffic greater than 1500 vehicles but allows 10' minimum lane width for curb and gutter sections. The west segment has many driveway connections including circular driveways that must be dealt with to ensure sidewalks and paths are ADA compliant and to minimize disruptions to private features within the road right-of-way.

The middle segment from Congress Ave to SW 10th Avenue has four through lanes of traffic with curb and gutter before it transitions down to two lanes to the east. This segment will be widened for on-street bike lanes as shown on **Exhibit C**.

The east segment has variable right-of-way width that we are currently investigating through title search. The narrowest width is 50'. The two-lane roadway can be widened to accommodate 6' buffered bike lanes, curb and gutter and 6' sidewalk on both sides as shown on **Exhibit D**.

As part of our current scope we will be evaluating these alternative typical sections with the City before presenting to the public.

Traffic Calming and Bicycle/Pedestrian Mobility

There are currently two speed humps along the west segment within the single-family home area between Military Trail and Dover Road as shown on **Exhibits 2 and 3**. We will listen to the public regarding this issue during the public outreach meeting, which we will conduct under the initial phase of the project. Based on public input, we will investigate the issues to discern reality from perception and provide the City with recommendations based on solid facts. We will focus special attention on student safety at Pine Grove Elementary School.

Landscape and Private Encroachments within Road Right-of-Way

The west segment has some large trees within existing right-of-way as well as some decorative driveways. Our design will consider all options to avoid impacts to established vegetation. Our in-house landscape architects will review each tree species and provide the City with alternatives to deal with conflicts. Furthermore, our design will be focused to minimize impacts to decorative driveways. We will discuss with the City any opportunities for enhance landscaping outside of the grant scope.

Bridges

The existing canal culvert crossing along the east side of Dover Road appears long enough to accommodate the proposed work as shown on **Exhibit 3**. However, there may be a need to modify the existing guardrail at the crossing.

We evaluated the widening of the existing E-4 Canal bridge shown on **Exhibit 5** and determined that providing separate pedestrian bridges on each side is the most feasible option. The photo shows a similar pedestrian bridge. The City asked us to begin the bridge design ahead of the remainder of the project. We have developed the initial bridge plans and are proceeding with the design which will be combined with the roadway project. Since the existing bridge cannot accommodate on-street bike lanes, the proposed pedestrian bridges must be sufficiently wide to act as a shared-use path to accommodate bikes and pedestrians. Our bridge engineers can coordinate closely with our roadway engineers to provide the City with seamless sets of plans.





Lowson Boulevard Roadway Improvements

Transit

Palm Tran bus has route number 88 along this corridor. There are existing bus shelters located along the corridor as shown on **Exhibits 5 and 6**. We will coordinate project design with Palm Tran and make all efforts to avoid impacts to bus shelters.

Public Outreach

The main part of the public outreach will be conducted by our firm under our current initial phase scope. We will coordinate closely with Pine Grove Elementary School's principal and the School Board's Facilities and Engineering staff to address any issues related to student and bus access. It was noted that at times some school buses queue within the road right-of-way. We will invite adjacent business and home owners as well as neighborhood and home owner association (HOA) boards to a public meeting to explain the project and solicit input.

Some of the HOAs along the corridor include:

- ▶ Sherwood Park
- ▶ Lago Del Rey
- ▶ Imperial Villas
- ▶ Palm Villas
- ▶ Pines of Delray
- ▶ Abbey Delray
- ▶ Palm State Heights
- ▶ Swinton Square

Permitting

FDOT coordination will fall under the LAP agreement. However, permitting will be required with several agencies including:

SFRTA railroad crossing

This existing crossing shown on **Exhibit 6** provides a pedestrian crossing on the north side but not on the south side. Modifications at this crossing will be necessary.

FEC railroad crossing

This crossing shown on **Exhibit 9** has been recently upgraded. Our design will be configured to avoid disturbing the new improvements.

Palm Beach County

At County intersections, we will coordinate sidewalk connections, ADA ramp configurations, and signal modifications.

Lake Worth Drainage District (LWDD)

We will permit canal crossings and drainage with LWDD. We have recently permitted the widening of a 3-mile of Lyons Road including the addition of a 2-lane bridge adjacent to the existing with LWDD. We have also recently permitted a number of intersection improvement projects. While the agency had recently experienced permitting staff turnover, our long-term relationship with the senior staff helps us avoid delays. For this project, we have already started the coordination with LWDD on the E-4 Canal pedestrian bridges.

SFWMD for Drainage

Our approach with SFWMD will be to obtain an exemption for sidewalk and bike lane/shoulder improvements. If granted, no water quantity and quality provisions will be required. However, based on field conditions, budgets and upon coordination with the City some stormwater provisions may be provided.



Lowson Boulevard Roadway Improvements

Drainage

We will coordinate with the City to address the condition of all existing drainage pipes within the existing right-of-way. Our video inspection subconsultant, **Shenandoah Construction**, will be available to inspect the condition of the storm and sewer systems. It must be noted that the grant will not cover costs associated with fixing failing existing storm systems. If such repairs are needed, then the City must budget funds in a timely manner. The west segment has wide swales that may be reshaped to address additional stormwater runoff generated by the proposed bike and sidewalk pavement. For proposed curb sections, curb inlets will be required. We will evaluate the most efficient design by connecting back to existing systems.

Lighting

We will perform a lighting photometric analysis of the existing conditions to determine illumination levels and provide suggestions for improvement. We have done this task previously for the City on other neighborhood streets.

Engineer's Estimates and Specifications

LAP projects require a special cost estimate form to be accepted by FDOT. This form separates quantities for items covered under the grant and those that are not. Furthermore, the form has specific percentages to calculate certain costs such as CEI and contingencies. Care must be taken not to blindly use the FDOT unit price database to avoid low estimates. FDOT projects tend to have large quantities which result in a low unit price. Using their low unit prices can result in high bids, which may leave the City without means to fund the extra cost.

Topographic Surveying

Our subconsultant, HSQ Group, Inc. is based in Boca Raton. They will provide surveying services on an as-needed basis. HSQ has provided surveying services to several local agencies, including the city of Delray Beach, City of Boca Raton, City of Homestead, City of Ft. Lauderdale, City of Tamarac, City of Lauderhill, Palm Beach County, Broward County, Miami-Dade County Transit, and the Florida Department of Transportation. HSQ has also provided services to FDOT Districts D4, D5, and D6.

Due to the accelerated project schedule, Craig A. Smith and Associates will also provide surveying services.

Pavement Design

Kimley-Horn has a track record of providing pavement rehabilitation design services for South Florida cities and counties, as well as the Florida Department of Transportation. Our experts are well-versed in all aspects of pavement management, from roadways to parking lots to airports. We offer significant expertise in the latest methods, such as Full Depth Asphalt Recycling (FDAR), pulverization techniques, Asphalt Rubber and Aggregate Membrane (ARAM), as well as additional in-place pavement recycling techniques. We have significant experience in citywide pavement management, MicroPAVER and computer applications, GIS, pavement design and rehabilitation design, and predictive life analysis. Our team also has experience with roadway design and construction management, which means we understand project issues from start to finish and will provide a common-sense approach to maintenance and rehabilitation.

Signing and Pavement Markings

As a component to roadway design and traffic engineering, Kimley-Horn has prepared numerous signing and pavement marking plans for various projects. These projects include studies to extensive signing and pavement marking plans for urban and rural roadway projects. Our goal is to successfully maintain the safety of pedestrians, bikers and vehicular traffic. In addition, Kimley-Horn has the capabilities to prepare these plans in accordance with the Manual of Uniform Traffic Control Devices (MUTCD), which is the national design criteria and the Florida Department of Transportation Design Standards.

Bid package and bid process assistance

We will prepare the project manual based on the City's latest boiler plate document and include the schedule of bid items in accordance with FDOT LAP requirements. We will coordinate closely with the City's Project Manager and the



Lowson Boulevard Roadway Improvements

Purchasing Office to ensure the most current document that meets their expectations. We have always been and will continue to be very responsive to any request for information (RFI) from bidders and prepare any needed addenda expeditiously. We will provide bid review services, tabulation, and recommendation for award.

Quality Assurance/Quality Control (QA/QC)

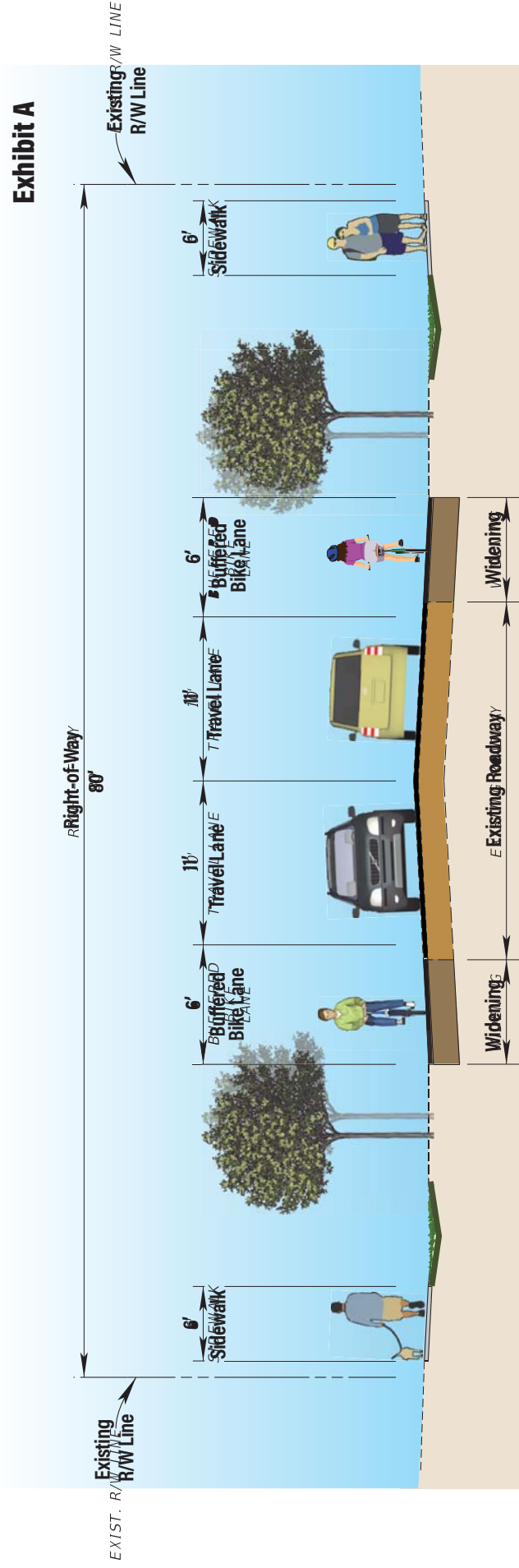
Our Quality Control process starts with providing capable and experienced professional staff for the project as shown on the organization chart. Our proposed staff have worked with the City, CRA, and current City project managers successfully on various projects including some of the most prominent streetscape projects including Federal Highway in downtown. We have continually provided the City with quality engineering services for decades. Our company's quality control manual guides the process for every project no matter how small or large. A qualified reviewer who is not directly involved with the project will review the plans at every phase of this project. We will focus on clarity of the plans and notes to ensure there is no ambiguity or conflicts that the contractor can take advantage of. In addition to constructability reviews, we conduct our own bid review just prior to final plans to ensure that all contract pay items, specifications and quantities are accurate. Our goal is for the contractor not to have to ask questions because of lack clarity in the plans.

Utility Coordination

The FDOT LAP process requires the City through their consultant to submit certification and documentation to show that all utility coordination have been completed and potential conflicts resolved. We have started the utility coordination process on the project under the initial phase and will provide the City and FDOT with the required information and the certification letter. We are aware of City staff's frustration with delays caused by utility companies' relocation schedules. From our experience, we found the standard monthly utility coordination meetings between the City and utility owners insufficient to address this issue. We have recognized this challenge and were able to address it on our projects. We coordinated closely and individually with utility owners, giving them numerous reminders to ensure they are actively addressing the conflicts. FPL owns many of the existing power poles that are can be in conflict with proposed construction. These poles often are jointly used with cable television and telephone. FPL has a system to enter the location of poles in conflict which communicates updates to the other utility owners to allow progress in the removal of all utilities. We will work closely to help FPL with the pole locations to expedite the process. We will also prepare relocation schedule commitment documents for utility owners signatures as we do on projects for other clients. This document elevates the utility owner's commitment and lets them schedule the project in their system for design, procurement, and construction.

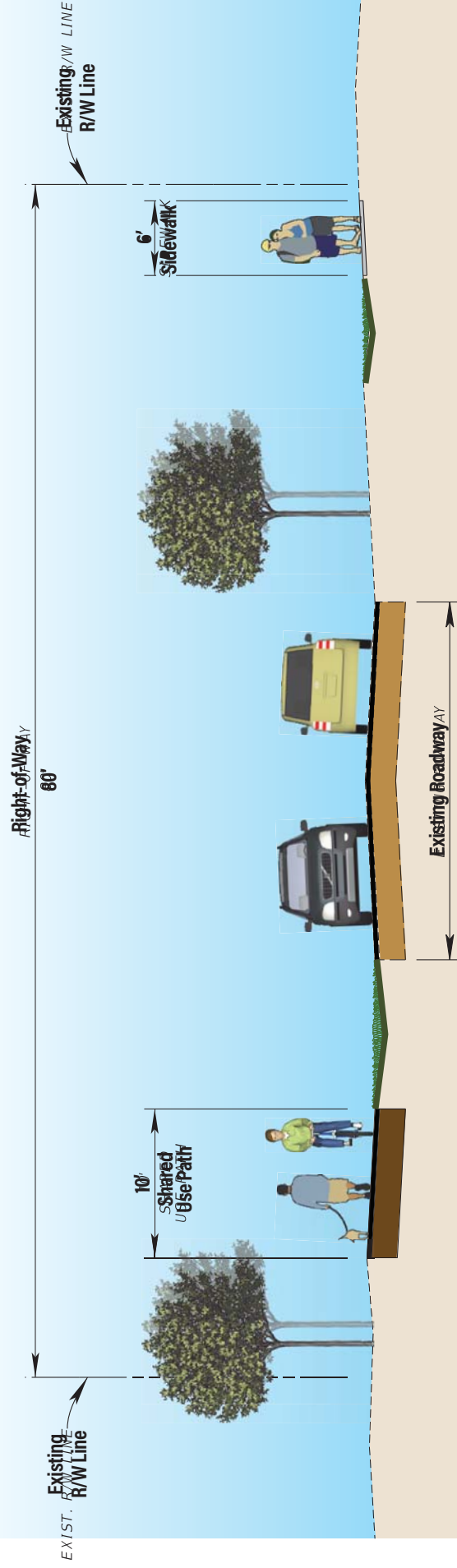
Post Design Support During Construction

We understand the LAP process requires the City to have a consultant other than the designer provide construction administration services. Our role as the designer of record will be to assist the City with Post Design Services. Under these services, we will be very responsive as we have been in the past while reviewing contractor's shop drawings, responding to contractor's requests for information, attending any required meetings, and making any plan revisions.



ON-STREET BUFFERED BIKE LANES
AND SIDEWALKS WITH SIDWALKS
FROM MILITARY TRAIL TO CONGRESS AVENUE

Exhibit B

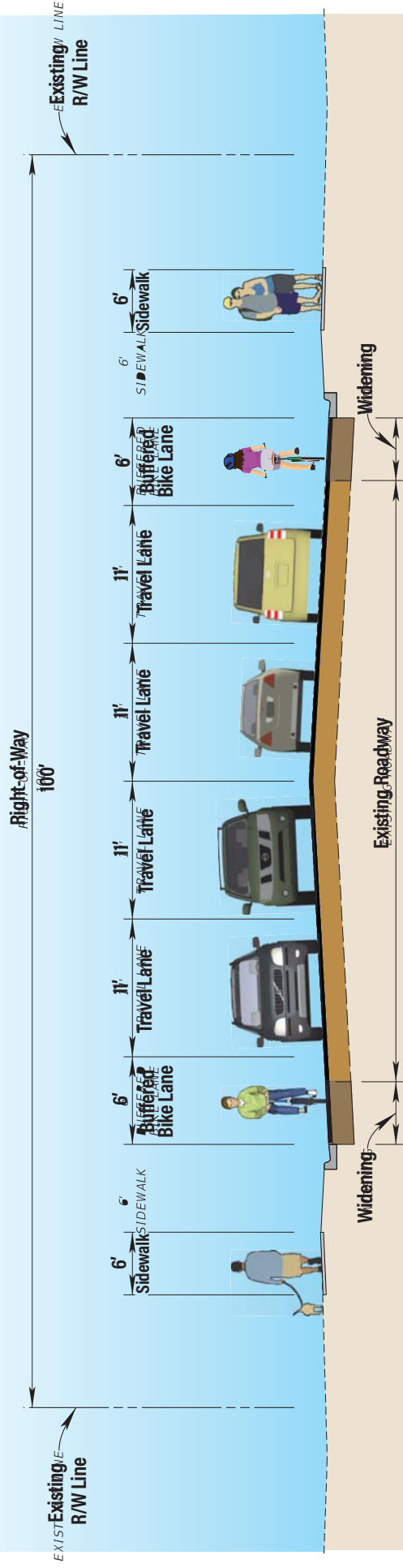


SHARED USE PATH ON NORTH SIDE
AND SIDEWALK ON SOUTH SIDE
FROM MILITARY TRAIL TO CONGRESS AVENUE

Westside Segment Option 1
Shared Use Path on North Side
and Sidewalk on the South Side

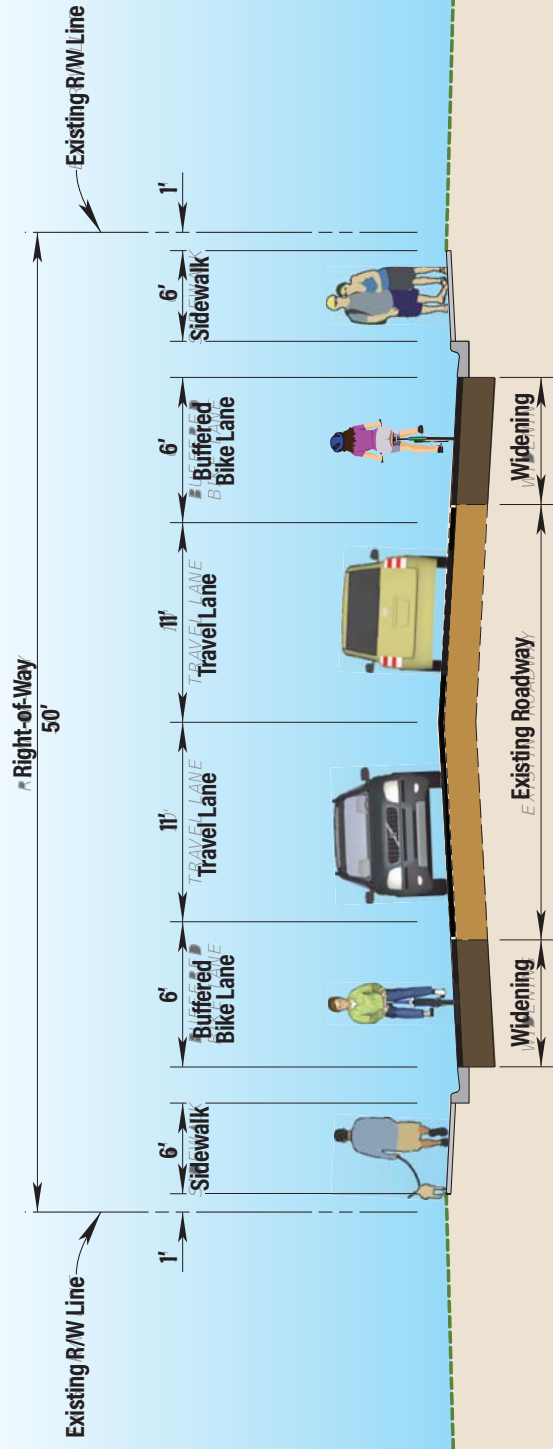
from Military Trail to Congress Avenue

Exhibit C



ON-STREET BIKE LANES
AND SIDEWALKS ON BOTH SIDES
Expanded 4-Lane Segment
ON-STREET BIKE LANES AND SIDEWALKS
FROM CONGRESS AVENUE TO SW 10TH AVENUE
ON BOTH SIDES FROM CONGRESS AVENUE TO SW 10TH AVENUE

Exhibit D



Eastside Segment

On-Street Bike Lanes and Sidewalk
on both sides from SW 10th Avenue to US-1/Federal Highway



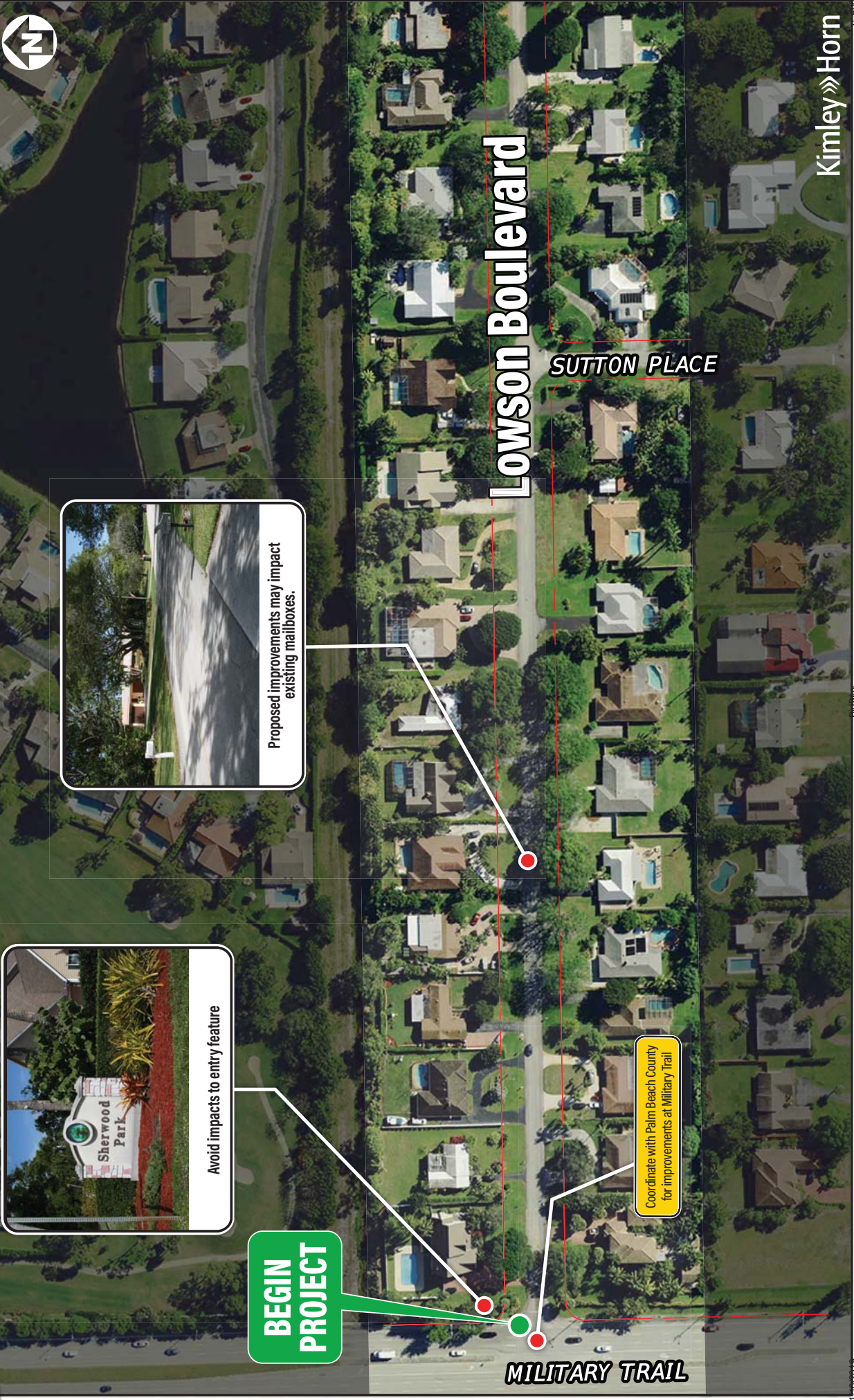
Lowson Boulevard

Roadway Improvements

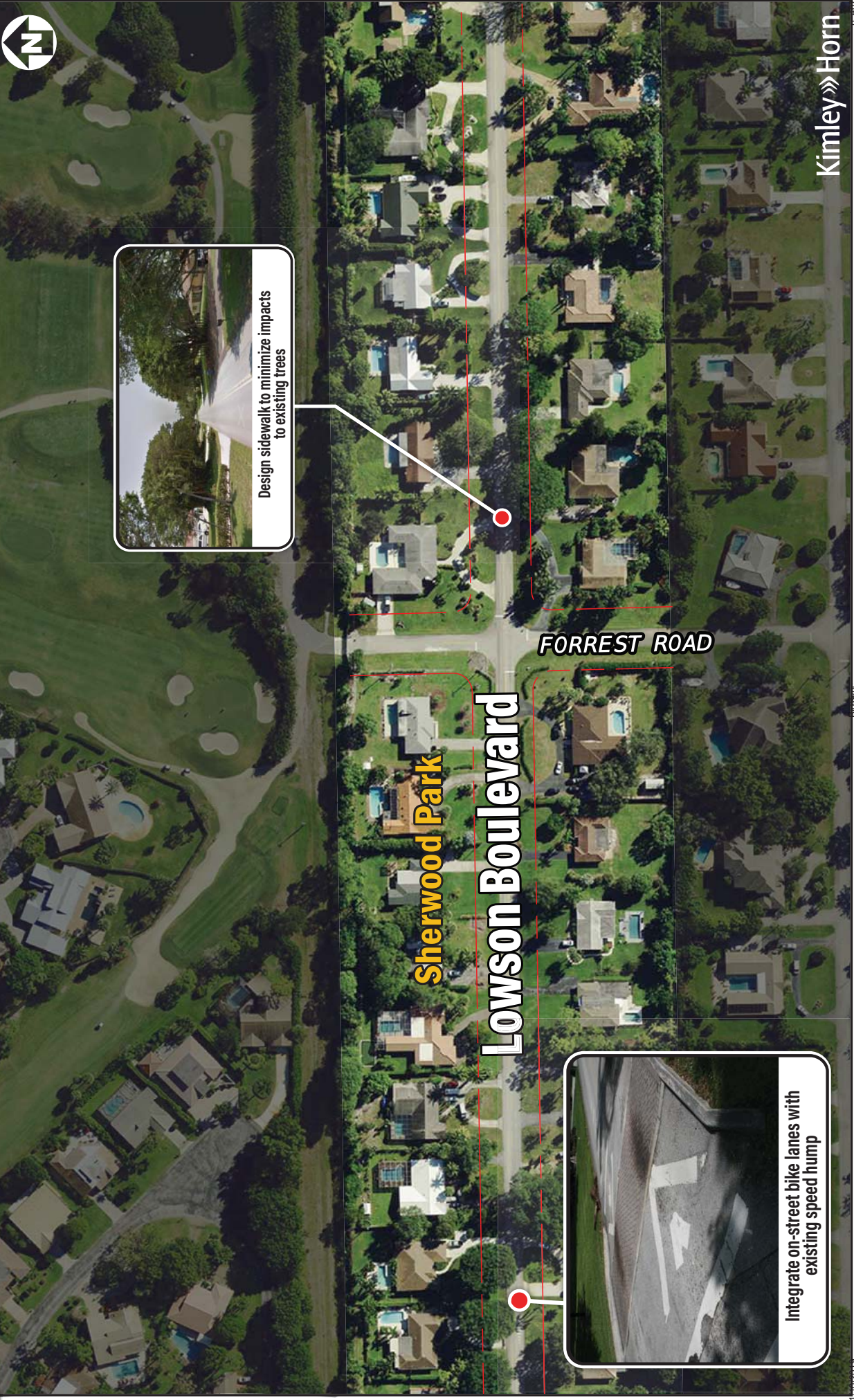
City of Delray Beach

2019-013

EXHIBIT 1



Kimley»Horn





Lowson Boulevard

Roadway Improvements

City of Delray Beach

2019-013

EXHIBIT 3



Modify existing driveways for tie-in of proposed improvements



Integrate on-street bike lanes with existing speed hump



Potential modification of guardrails due to proposed improvements



E-3 1/2

Lowson Boulevard

100' Right-of-Way

DOVER ROAD

LANCASTER LANE

Kimley»Horn

1/10/2019

Broggy

p. 408



Lago Del Rey

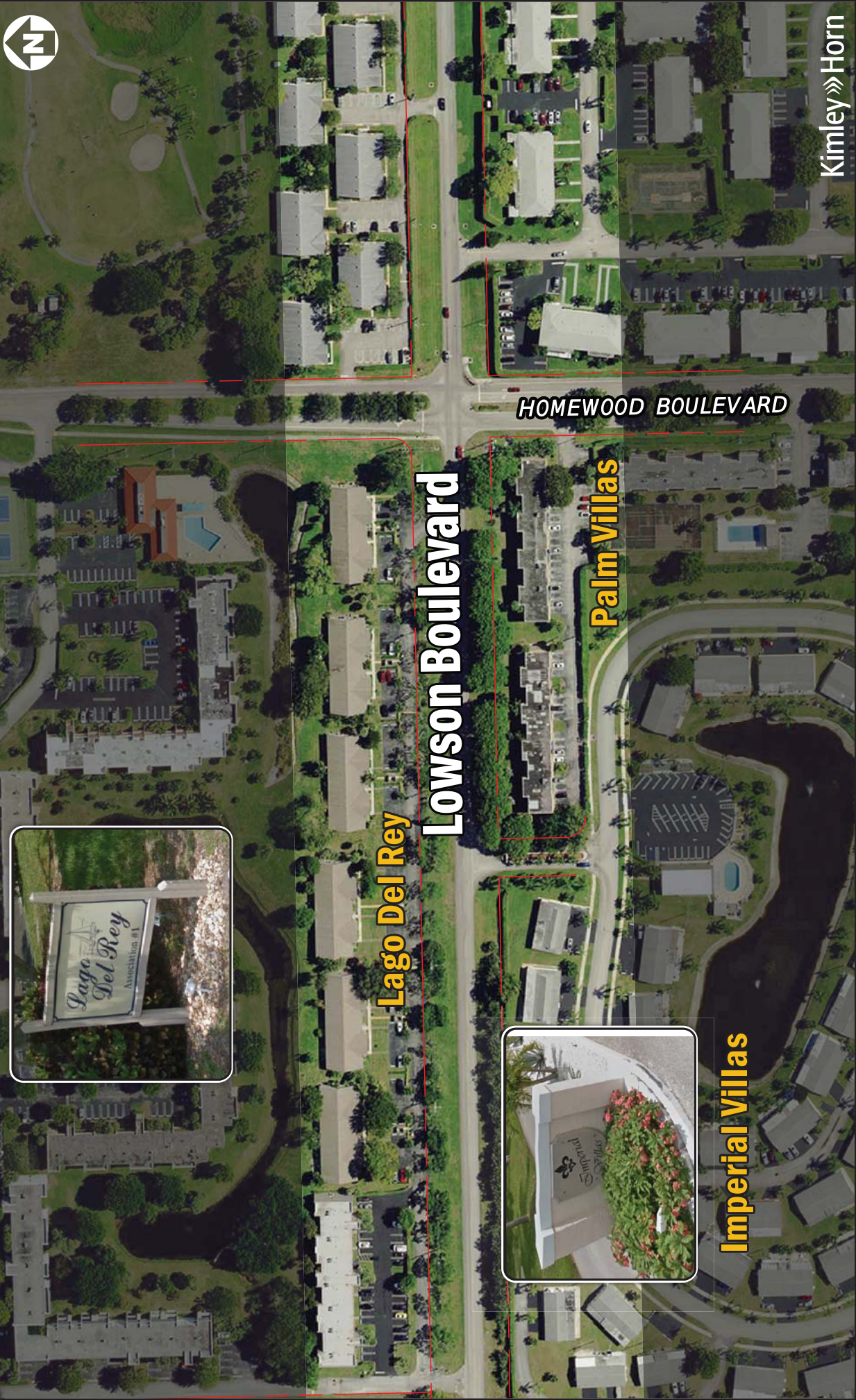
Lowson Boulevard



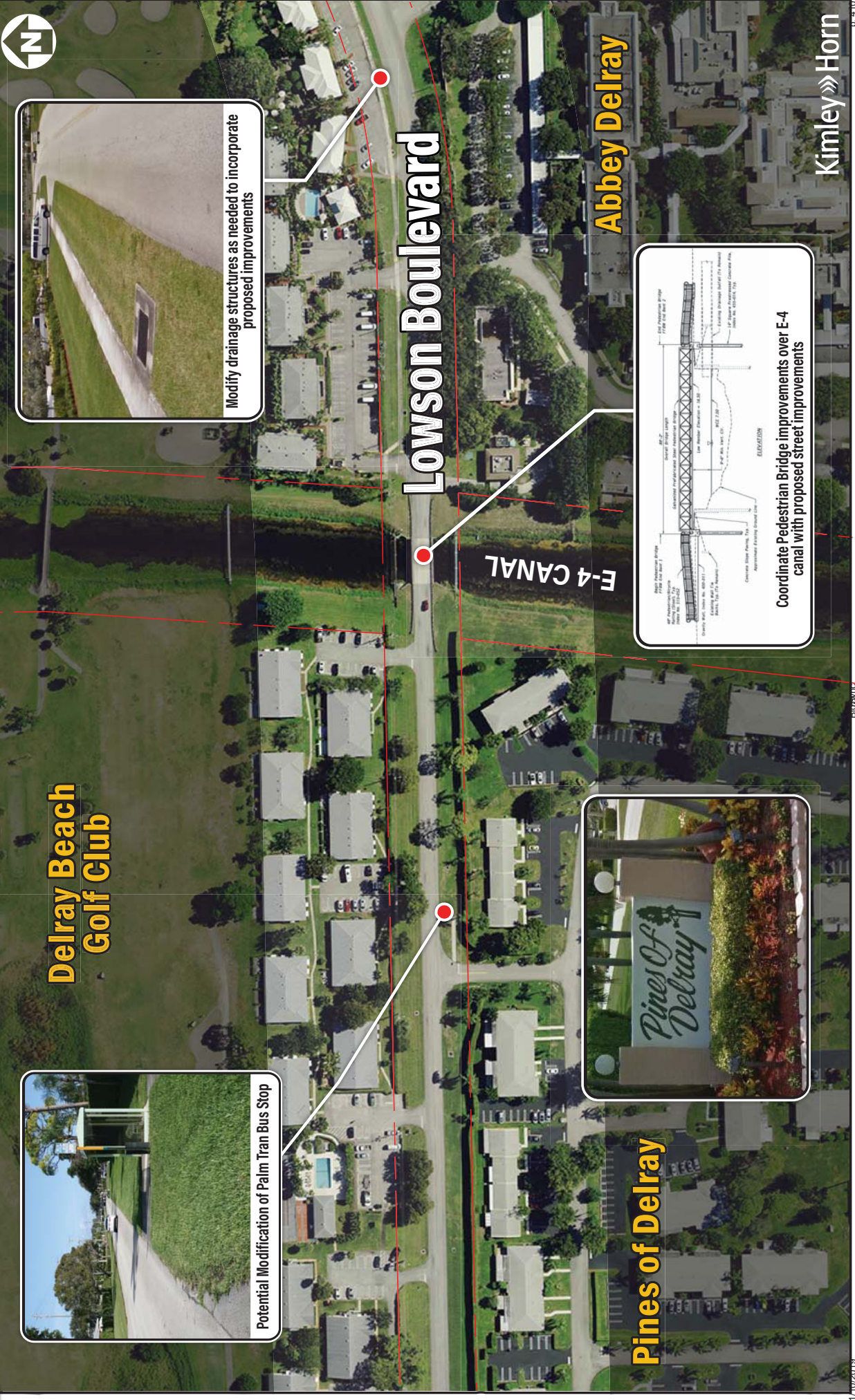
Imperial Villas

Palm Villas

HOMEWOOD BOULEVARD



Kimley»Horn



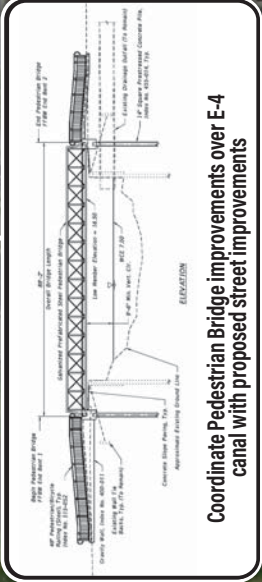
Potential Modification of Palm Tran Bus Stop



Modify drainage structures as needed to incorporate proposed improvements



Pines of Delray



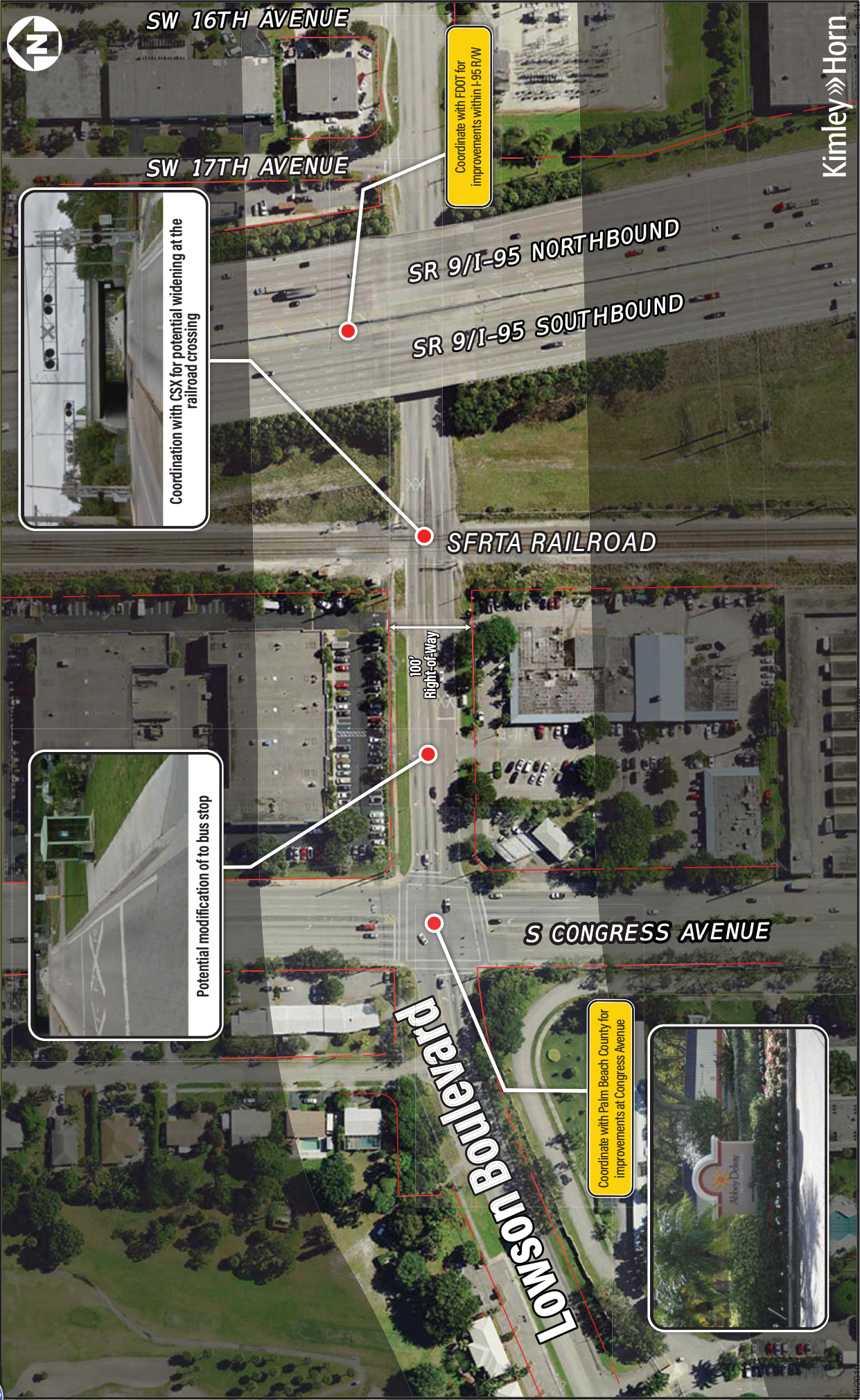
Coordinate Pedestrian Bridge improvements over E-4 canal with proposed street improvements

Lowson Boulevard

E-4 CANAL

Abbey Delray

Kimley»Horn





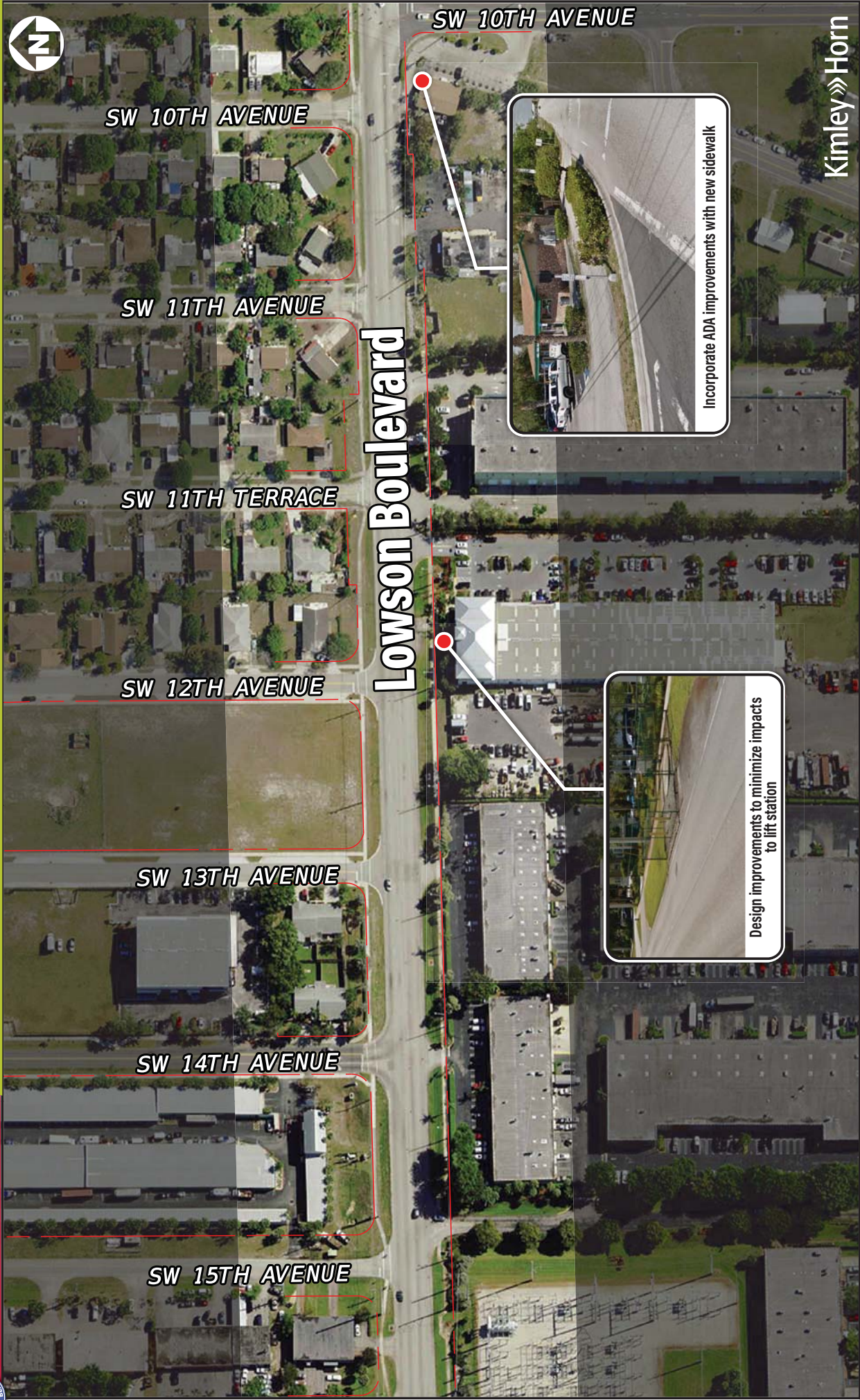
Lowson Boulevard

Roadway Improvements

City of Delray Beach

2019-013

EXHIBIT 7



1/10/2019

Broggylic

B. 412



**Delray Beach
Memorial Gardens**



Lowson Boulevard

SW 6TH AVENUE

SW 7TH AVENUE

SW 18TH AVENUE

**Pine Grove
Elementary School**

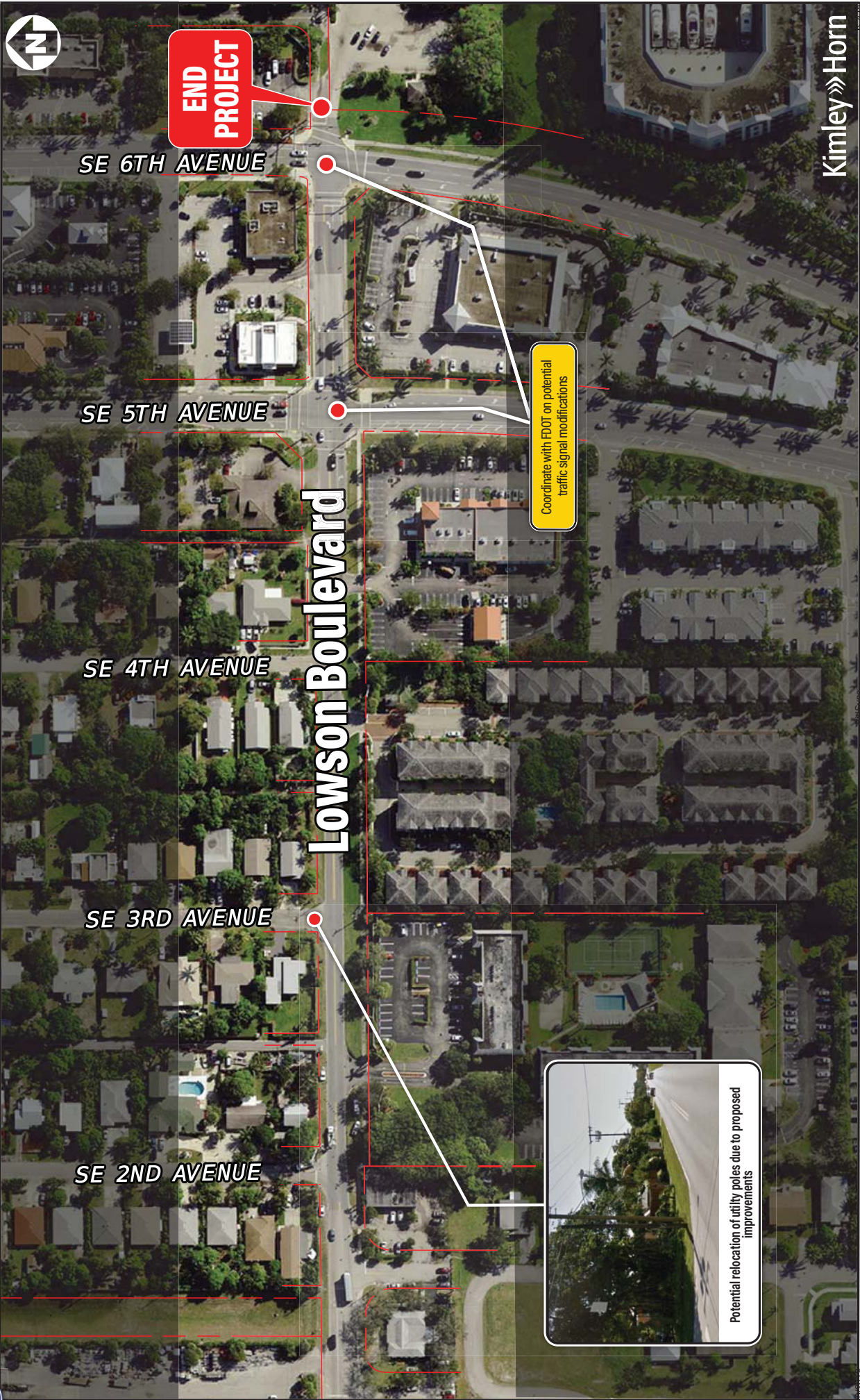
Coordinate proposed improvements
with school district





Palm State Heights









Lowson Boulevard Roadway Improvements

b) Submit a detailed narrative description documenting Proposer's specific experience including, but not limited to, the following:

i. Experience as the prime civil engineering and design consultant on FDOT LAP roadway construction projects.

Kimley-Horn has assisted many clients with obtaining LAP certification and approval. Kimley-Horn has extensive experience administering LAP-qualified projects (more than 40 projects throughout Florida including projects for Delray Beach, Boynton Beach, Lake Worth and West Palm Beach), including checklists and other FDOT/FHWA requirements. We already have a headstart with the LAP process for this project as we have been tasked to produce up to 30% phase design and plans. We understand the extent of coordination necessary to successfully deliver these types of assignments and satisfy the associated funding requirements. Kimley-Horn's experience includes numerous LAP projects for cities and counties, such as sidewalk improvements, landscape enhancements, hardscape enhancements, and roadway reconstruction.

ii. Experience with roadway design (milling and resurfacing) projects that include Investigating and upgrading existing storm drain pipes, inlets and manholes.

The firm's stormwater and drainage services are often an integral part of our roadway design projects. Our services in this area have been used for municipal, county and FDOT projects, as well as most our residential, agricultural, commercial, and industrial development projects. Our specialized local drainage staff, which includes **Mike Spruce, P.E.** and **Jason Webber, P.E.**, have nearly 40 years of combined experience in drainage, stormwater and stormwater pipe design in South Florida. In fact, we prepared the latest City of Delray Beach Stormwater Master Plan Update and designed several solutions to address localized flooding areas throughout the City. Our drainage experience throughout the City included city streets, county roadways, FDOT roadways and private development, including recent improvements at Delray Medical Center.

Our proposed project manager performed these same services for 7 miles of US-1 in North Palm Beach and Jupiter area and another segment of US-1 for Delray Beach. Our recent Wiles Road Phase I, and II and III widening projects included evaluation of over 200 drainage inlets and manholes and associated pipes. It also included a combination system of exfiltration trenches and dry detention roadside swales. Our drainage engineers are dealing with the most challenging stormwater projects for coastal communities including sea level rise in Miami Beach and Town of Palm Beach. We have provided exfiltration trench, wet and dry ponds, cascading ponds, stormwater pumps, nutrient loading and stormwater wells design on many projects. Our drainage engineers have the capabilities to conduct the necessary studies to prepare master drainage plans, design ponds, submit permit applications, and complete drainage plans based on previously prepared studies. Our expertise includes hydrological and hydraulic analyses, surveying, planning, permitting, stormwater quantity and quality issues, and the design of all water control structures ranging from pipes, culverts, and canals to major water control and pump structures. We routinely design culvert crossings, ponds, levees, and customized drainage systems for municipal roadway projects. Our staff has the expertise to conduct the necessary studies to prepare stormwater management plans. In addition to the drainage design itself, resolution of conflicts between drainage structures and utility lines is a major design task. Our engineers have developed a proven system for managing utility conflicts through a systematic process of coordination with utility owners and subsurface utility exploration survey resulting in the most feasible solutions to our clients.

In Florida, we routinely acquire permits from and have served as a consultant to the South Florida Water Management District (SFWMD). Notably, we have also served as the engineering consultant for 13 drainage subdistricts (including 11 in the Everglades Agricultural Area) spanning Palm Beach, Hendry, and Glades counties. Our team is confident and experienced in coordinating with the various water control agencies and has successfully coordinated and permitted projects with Broward County Water Management Division, Central Broward Drainage District, South Broward Drainage District, Old Plantation Water Control District, Pine Tree Water Control District, as well as other water control districts and improvement districts within the County.

iii. Experience with roadway design projects that include swales.

Roadside swales must be designed to provide a safe roadside area for vehicles that may accidentally get off the roadway. The steepness of the swale slope is a function of the roadway function and speed. Swales can be an efficient way for providing stormwater conveyance instead of expensive underground pipes and in some cases water quality attenuation (temporary storage) in lieu of expensive exfiltration trenches or ponds. However, in neighborhood streets, roadside swales are typically designed to avoid standing waters and the associated mosquito problems. Furthermore, in areas of substandard soil percolation, the City of Delray Beach uses a standard detail that provides a 24" layer of washed stone below the surface of swales to improve stormwater percolation and avoid standing waters in swales.



Lowson Boulevard Roadway Improvements

Swales must also be designed to avoid negative impacts to the rock base of the adjacent pavement. We design swales to keep stormwater runoff from ponding on the edge of pavement or sidewalk when the sod grows. Increasingly, with emphasis on Low Impact Development (LID), our roadway designs often include bioswales, environmentally friendly landscape elements designed to remove silt and pollution from the first flush of surface water runoff. They are typically off-line systems with gentle side slopes filled with vegetation to maximize the time water is spent in the swale. Our landscape architects and engineers utilize this LID tool to integrate it into roadway design projects and replace the need for subsurface piped systems. Properly designed, bioswales provide both infiltration and treatment for water quality. We have recently provided such design for the City of West Palm Beach. We have also designed a two-lane roadway with over 10,000 linear feet of swale for the Village of Wellington among many other projects.

iv. Experience with roadway design projects that include pedestrian ramps.

An important aspect of competent streetscape design is meeting the requirements of the Americans with Disabilities Act (ADA) and Crime Prevention Through Environmental Design (CPTED). Kimley-Horn is on the forefront of finding creative design solutions to regulatory restrictions. We strive to provide a safe and accessible streetscape that provides a pleasant experience for all individuals. We understand the importance of connectivity and accessibility at curb ramps.

Kimley-Horn is one of a few firms that has especially extensive experience in the ADA laws and accessible design that we provide workshops to agencies including local MPOs on compliance with Federally mandated ADA requirements. In fact, we prepared several ADA Transition Plans for municipalities to allow them to comply with Federal law and we are doing the same for the City of Delray Beach. Our expertise in design of ADA compliant access including ramps allows us to inspect and evaluate all ramps within a municipality and recommend solutions to bring them in compliance. We check ramps for geometry including with and slopes, contrasting colors, truncated domes, etc. FDOT Standard Index No. 304 provides good details for construction of compliant ramps. Our Federal Highway improvement project for Delray Beach included inspection and upgrade of pedestrian ramps for more than 70 side street intersection legs and sidewalks that crossed hundreds of driveways. Similarly, our US-1 project in north Palm Beach County included ramp upgrades across a 100 side street intersection legs and crossed hundreds of driveways. Resurfacing of roadways requires upgrading pedestrian ramps at intersections while reconstruction of sidewalks requires upgrade of sidewalk cross slopes across driveways. Every one of our tens of roadway projects that are completed every year has the important pedestrian ramp design component.

v. Experience with roadway design projects that include sidewalks and driveways.

Kimley-Horn has successfully represented the interests of pedestrians and bicyclists on many planning level studies and design projects throughout Florida. We have provided sidewalk, shared use path and trail designs throughout the State of Florida. Safe pedestrian crossing of roadways is a key component safe pedestrian mobility and accessibility. We are completing several sidewalk projects on local streets for the City of Delray Beach for Ms. Begona Krane, which include swales and driveways in addition to sidewalks. The City has standard sidewalk and driveway construction detail that are preferred on City streets. We have also prepared plans for miles of sidewalks for local municipalities, counties and FDOT. For example, just three of our project manager's projects (Federal Highway, SR 5, and South Shore Blvd) included 40,000 square yards of sidewalk which equates to 13 miles linear feet of 5' sidewalk. When considering the hundreds of projects completed over the recent years it amounts to several miles of sidewalks and hundreds of driveways. Our sidewalk and driveway designs have varied in material and configuration based on the location. For example, the Town of Palm Beach preferred use of decorative tabby concrete sidewalks while Delray Beach CRA preferred brick pavers and concrete. Design of driveway geometry is affected by the elevations of adjacent property relative to the roadway. It is extremely important to identify these parameters early on to avoid the need for easements or to coordinate it with private property owners. Another important design element of driveways is the available safe sight distance from a stopped vehicle at a driveway.

Drawing on expertise from around the state, we have recently helped the Miami-Dade County MPO, Cities of Boca Raton, Boynton Beach, Lake Worth and Miami Beach, Town of Miami Lakes, Town of Bay Harbor Islands, City of South Miami, Village of Palmetto Bay, and many others complete their bicycle and pedestrian plans and improvements. Beyond systems planning, we continue to partner with local officials to implement those improvements targeted during the visioning process. Our team of traffic engineers and transportation planners, roadway designers, landscape architects, and environmental scientists work together with agency staff to understand the local issues and prepare feasible design concept plans, typical cross sections, and construction cost estimates to reinforce the presence of bicycles and pedestrians along the travel corridor. In addition, we are experienced in successfully permitting many private sector projects (driveway connection and/or drainage connections).

vi. Experience with roadway design projects that include drainage/storm water design elements.

From the Arizona deserts to the Florida Everglades, Kimley-Horn has helped solve some of the country's most complex stormwater runoff, retention, and treatment issues. With the large number of small and large roadway design projects



Lowson Boulevard Roadway Improvements

that Kimley-Horn completes every year, they all come with a certain degree of drainage and stormwater design and permitting. On safety and sidewalk only projects our drainage engineers take advantage of the permitting thresholds to design those projects without the need for permitting such as our sidewalk only projects for Delray Beach. However, on larger projects and those with existing surface water management permits from SFWMD, another level of permitting is required. We typically take advantage of the permit modification by letter as we recently did for the Acme Dairy Road and Boynton Beach Blvd improvements. We successfully permitted the project through SFWMD and LWDD.

For some other minor roadway improvements in Palm Beach County we obtained exceptions from SFWMD, which saved our client on costs and time. Drainage design must meet drainage districts' criteria for water quality and quantity for the specific area. For example, our recently completed Phases I and II of Wiles Road widening included stormwater permitting from numerous drainage and improvement districts because the roadway was a drainage divide. It included successful permitting from SFWMD, Army Corps, Broward County, Pine Tree Water Control District, Sunshine Water Control District and North Springs Improvement District. The drainage system included replacement of metal exfiltration trenches with concrete, new exfiltration trench, dry swale detention and compensating treatment methods that brought cost savings to our client. The drainage systems for the two phases included approximately 150 inlets and manholes and 10,000 of drainage pipe. For other projects, we took advantage of the surrounding conditions and were able to provide drainage overflow to recharge adjacent wetland preserves after treatment for water quality. While this solution benefited the environment it brought huge cost savings to our client as it did away with the need to acquire property for a stormwater pond.

We can handle all your permitting, design, and construction needs, from start to finish. Our services include:

- ▶ Stormwater master plans
- ▶ Drainage system retrofitting
- ▶ NPDES monitoring and compliance programs
- ▶ Financing sources, including stormwater utility fee planning
- ▶ Surface water quality monitoring
- ▶ Erosion and sediment control plans
- ▶ Design of structural and non-structural BMPs
- ▶ Water control structure and pump station design

Our team's background in stormwater management includes projects ranging in size from individual parcels to citywide and regional projects. Our past experience with the towns of Jupiter, Briny Breezes and Bay Harbor Islands, the cities of Delray Beach, Boynton Beach, West Palm Beach, as well as with the South Florida Water Management District (SFWMD), has given us a keen insight into the many complicated stormwater challenges facing South Florida. We have demonstrated our ability to develop common sense solutions during master planning, design, and construction of stormwater projects of all sizes, as well as an ability to secure permits from SFWMD, Lake Worth Drainage District, Florida Department of Transportation, EPA, DEP, and the Florida Fish and Wildlife Conservation Commission on many complex projects.

vii. Experience with roadway design projects that include signing and pavement markings.

As a component to roadway design and traffic engineering, Kimley-Horn has prepared numerous signing and pavement marking plans for various projects. These projects include studies to extensive signing and pavement marking plans for urban and rural roadway projects. Our goal is to successfully maintain the safety of pedestrians, cyclists, and vehicular traffic. In addition, Kimley-Horn has the capabilities to prepare these plans in accordance with the Manual of Uniform Traffic Control Devices (MUTCD), which is the national design criteria and the Florida Department of Transportation Design Standards. In fact, one of our local engineers, Stewart Robertson, P.E., sits on one of the national MUTCD committees and is a resource to clients including FDOT on similar issues. This is a clear testament to our recognized national expertise in this field that is offered locally.

Pedestrian crossings require special design emphasis given the serious safety implications. We have designed many crossing solutions including raised crosswalks and intersections, un-signalized crosswalks, midblock crossings, enhanced signs with actuated rectangular rapid flashing beacons and LED edge lit crossing signs all in compliance with national standards.

viii. Experience with government agency roadway design construction projects.

As one of the premier transportation firms in the state, we have made it our primary focus to work closely with FDOT districts and with municipalities on roadway design construction projects. Our coordination with various districts, cities, and counties has resulted in many long-term contracts for highway and roadway design, traffic operations and safety studies, access management, bridge repair and replacement, and other services. It is from this vast wealth of



Lowson Boulevard Roadway Improvements

experience that we can assist our clients in coordinating their projects with the policies and practices of FDOT and other governmental clients such as cities.

Kimley-Horn also has extensive experience developing and administering Local Agency Program (LAP) projects per FDOT/FHWA requirements. We have provided such services to the Cities of West Palm Beach, Boynton Beach, Lake Worth, Delray Beach and others. Furthermore, our project manager, Marwan, has provided roadway design services to local counties including Palm Beach and Broward Counties for the past 31 years. This relationship enables us to efficiently coordinate between clients and the County and FDOT.

ix. Experience with roadway design projects, particularly in the South Florida region or specifically in Palm Beach County (PBC).

Our project manager started his roadway design career in Palm Beach County 31 years ago. Over that period he designed and managed numerous projects for Palm Beach County, Broward County, FDOT and many local municipalities. Our local office's vast roadway design experience has allowed us to complete numerous roadway and streetscape designs under contracts with Palm Beach County, FDOT within Palm Beach County, other local municipalities and/or their Community Redevelopment Agencies including the cities of Delray Beach, West Palm Beach, Lake Worth, Boca Raton, Boynton Beach, Lantana, Wellington, the towns of Jupiter and Palm Beach, as well as Florida Atlantic University. From small intersection improvements to local street rehabilitation to miles of rural and urban road sections, to interstate freeways, Kimley-Horn has partnered successfully with all levels of government to improve their roadways within Palm Beach County and the South Florida area. For example, we designed over hundreds of roadway projects in South Florida in the past 10 years.

Our Palm Beach County roadway design clients include: Delray Beach, Boca Raton, Boynton Beach, Lake Worth, Greenacres, Lantana, West Palm Beach, Wellington, Riviera Beach, Royal Palm Beach, Jupiter, Town of Palm Beach, Palm Beach County, FDOT District 4 and others. We also serve similar municipalities in adjacent counties.

x. Experience with complying with all Americans with Disabilities Act (ADA) regulations and ordinances.

Kimley-Horn is a recognized leader in the design of pedestrian facilities. Our engineers have assisted numerous municipalities and government agencies with upgrading aging infrastructure to meet with applicable ADA standards and ordinances. Project manager, **Marwan Mufleh, P.E.**, is currently overseeing and assisting Delray Beach to develop their Americans with Disabilities Act (ADA) Self-Evaluation and Transition Plan. Our team developed an initial Phase I of the plan to include review of current design standards, development of a grievance procedure and form, and an evaluation of up to 36 miles of sidewalks (including the NW Neighborhood and all un-signalized intersections along the sidewalk corridor). Our expertise ranges from curb ramp and sidewalk design to pedestrian dedicated paths and walkways and everything in between. Public streets are vital spaces that should be designed to enhance the overall living environment for everyone—this is our guiding principle in designing streetscapes.

c) Submit the following details for any experience related to FDOT LAP projects completed since December 2013 that included design work relating to roadway paving, milling and resurfacing; sidewalks and swales; topographic surveying; pavement markings and signage, signalization, pedestrian crosswalks; traffic studies/traffic calming studies; upgraded pedestrian ramps, driveways, and intersections; drainage/storm water design; signing and pavement markings; upgrading existing storm drain pipes, inlets and manholes; coordination with Lake Worth Drainage District (LWDD); coordination with South Florida Water Management District (SFWMD); bike lanes; coordination with right of way (ROW) issues; coordination with FDOT; and/or coordination with PBC school board.

Kimley-Horn's related FDOT LAP project experience since 2013 is depicted in the following matrix, which includes the types of design work listed. The matrix is followed by descriptions of these projects and the details/data required by the RFQ. Although the matrix shows that these recent LAP projects did not include coordination with LWDD, we do have experience working with the agency on other non-LAP projects and have currently begun coordination with them on the E-4 pedestrian bridges.



Lowson Boulevard

Roadway Improvements

LAP PROJECTS SINCE DECEMBER 2013

	Roadway Paving, Milling & Resurfacing	Sidewalks and Swales	Topographic Surveying	Pavement Marking and Signage	Signalization	Pedestrian Crosswalks	Traffic Studies/Traffic Calming Studies	Upgraded Pedestrian Ramps, Driveways, and Intersections	Drainage/Stormwater Design	Upgrading Existing Storm Drain Pipes, Inlets, and Manholes	Coordination with Lake Worth Drainage District	Coordination with SFWM	Bike Lanes	ROW Coordination	FDOT Coordination	Palm Beach County School Board Coordination
Federal Highway Enhancements, Delray Beach	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
5th Avenue South Trail, Lake Worth	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	
15th Street Streetscape, West Palm Beach	✓	✓	✓	✓		✓		✓	✓				✓	✓	✓	
Fern Street Streetscape, West Palm Beach	✓	✓	✓	✓		✓		✓	✓				✓	✓	✓	
Boynton Beach Boulevard Improvements, Boynton Beach	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	
SR A1A Lighting, Fort Lauderdale		✓	✓									✓			✓	
24th and 25th Street Improvements, West Palm Beach	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓			✓	
West Clematis Street Streetscape, West Palm Beach	✓	✓	✓	✓		✓		✓						✓	✓	
Bicycle Lane Addition on NW 64th Avenue, Sunrise	✓	✓	✓	✓		✓	✓	✓	✓			✓	✓	✓	✓	
Tamarind Avenue Streetscape, West Palm Beach	✓	✓	✓	✓		✓	✓	✓	✓				✓	✓	✓	✓
Miramar Parkway Streetscape from SW 64th Avenue to SW 68th Avenue	✓	✓	✓	✓		✓		✓	✓	✓			✓		✓	
Cutler Bay Safe Routes to School Design	✓	✓	✓	✓		✓		✓							✓	
NW 21 st Avenue, Lauderdale Lakes	✓	✓	✓	✓		✓		✓	✓	✓			✓		✓	
Westside Blueway Trail, Phase II, Miami Gardens	✓	✓	✓	✓		✓		✓					✓		✓	



Lowson Boulevard

Roadway Improvements



Federal Highway Enhancements, Delray Beach, FL

The City desired to create a safer and more pedestrian friendly downtown area, to prompt slower speeds and spur economic development. Kimley-Horn suggested placing US 1 on a road diet, reducing the road's through-lanes from three to two in each direction to transform the corridor into a pedestrian- and bicycle-friendly urban street with on-street parking, wider sidewalks, and streetscape improvements. Because this nearly two-mile stretch of US 1 had existed as six lanes for many years, there was significant concern that reducing the number of lanes would result in increased traffic, adversely impacting residents and local businesses.

Kimley-Horn performed research including traffic studies and computer modeling, and found that the improvements would bolster driver and pedestrian safety and accessibility. The City and CRA then asked Kimley-Horn to develop an approach that would effectively narrow the travelways to two lanes, allowing follow-up studies to verify the findings of the earlier studies. This temporary design fix mimicked the operation of the ultimate design. The temporary measures were easily reversible if the City and CRA determined they didn't want to proceed with permanent implementation. These temporary improvements helped the team study the real-world effects of fewer and narrower lanes and new signal timing plans on peak- and off-season traffic, driver operating speeds, and accident rates. The changes were in place for a year to allow sufficient time to gather seasonal and off-peak data. The results were even better than expected, as traffic levels did not increase, and average driver operating speeds and accident rates decreased. We then moved forward with final design for the permanent improvements. The US 1 (Federal Highway) Road Diet was successful in bringing together stakeholders

Project Owner: City of Delray Beach/Delray Beach CRA

Owner's Contact Information

Jeff Costello, AICP, FRA-RA

Executive Director

561.276.8640

costelloj@mydelraybeach.com

Total Project Cost: \$13,000,000

Was the Project Completed:

On Time?: Yes. June 2016

Within Budget?: Yes

Number of Change Orders: N/A

Type of Design Work Performed (from Tab 5(C) above): See attached matrix





Lowson Boulevard Roadway Improvements

5th Avenue South Bikeway and Pedestrian Trail, Lake Worth, FL

Kimley-Horn provided services to improve pedestrian and bicycle access for a multiuse path on 5th Avenue South and introduced bike lanes on B and E streets between Lake Avenue South and 6th Avenue South. Our scope included final engineering design for paving, grading, landscape, hardscape, irrigation, raised pedestrian crossings with in-roadway warning lights, signage, and striping for the project. The project was LAP funded by FDOT and followed LAP guidelines.

This project was awarded Best New Transportation/Transit Enhancement Project by the Florida Redevelopment Association in October 2018.

Project Owner: City of Lake Worth CRA
Owner's Contact Information

Chris Dabros
Deputy Director
561.493.2550
cdabros@lakeworth.org

Total Project Cost: \$175,685 (design)

Was the Project Completed:

On Time?: Yes. February 2018
Within Budget?: Yes

Number of Change Orders: N/A

Type of Design Work Performed (from Tab 5(C) above): See attached matrix



15th Street Streetscape, West Palm Beach

An existing east-west connecting street south of downtown West Palm Beach, 15th Street is designed with a full complement of streetscape elements, such as dedicated green bike lanes, improved accessibility with updated ramps and crosswalks, and new landscaping. The street's landscape features new bulb-out islands to help better define and organize parking as well as act as percolating bioswales that will take in stormwater from the existing gutter to water the Florida Friendly plantings. This project was constructed using federal transportation enhancement funds with matching funding provided by the City of West Palm Beach, administered under FDOT's Local Agency Program (LAP). This is the first project in West Palm Beach incorporating green-colored bike lanes.

Project Owner: City of West Palm Beach

Owner's Contact Information

Khanh Uyen Dang, P.E.
Senior Project Engineer
561.494.1116
kudang@wpb.org

Total Project Cost: \$1,206,000

Was the Project Completed:

On Time?: Yes. March 2015
Within Budget?: Yes

Number of Change Orders: N/A

Type of Design Work Performed (from Tab 5(C) above): See attached matrix





Lowson Boulevard Roadway Improvements

Fern Street Streetscape, West Palm Beach

Kimley-Horn's design team provided civil engineering and landscape architectural design services for this project, which features complete street pedestrian and bicycle enhancements within portions of the Fern Street corridor between Tamarind Avenue and Flagler Drive in Downtown West Palm Beach. The design program includes curbside bioswale planters, pedestrian-level lighting, replacement of portions of existing sidewalk to remediate pedestrian hazards, restriping of the roadway to better organize parking and add a combination of dedicated bike lane and shared-use bicycle markings (sharrows), and decorative crosswalks. This federally funded project was administered through FDOT's Local Agency Program (LAP). As part of the grant process, Kimley-Horn produced environmental Categorical Exclusion (CATEX) documentation and a subconsultant performed a Cultural Resource Assessment Survey (CRAS) to determine if any National Register eligible or listed historic resources would be affected by the improvements. Kimley-Horn also provided construction phase services.

Project Owner: City of West Palm Beach

Owner's Contact Information

Khanh Uyen Dang, P.E.

Senior Project Engineer

561.494.1116

kudang@wpb.org

Total Project Cost: \$2,000,000

Was the Project Completed:

On Time?: Yes

Within Budget?: Yes

Number of Change Orders: N/A

Type of Design Work Performed (from Tab 5(C) above): See attached matrix

Boynton Beach Boulevard Improvements, Boynton Beach

The Kimley-Horn team is currently providing design services for this multi-stage project in the City of Boynton Beach. The design improvements to the project area (east of I-95 to US-1) include landscape architecture enhancements and Complete Streets features. Design features include narrowed lanes and expanded sidewalks to encourage pedestrian mobility and landscape/hardscape upgrades within the corridor. Our services include roadway and landscape design; signing and marking; signal plans; lighting; traffic analysis; utility coordination; permitting assistance; and public involvement services. Kimley-Horn applied for an MPO Local Initiative Grant for the project on behalf of the City and was awarded \$2.5 million.

Project Owner: City of Boynton Beach CRA

Owner's Contact Information

Thuy Shutt

Assistant Director

561.600.9098

ShuttT@bbfl.us

Total Project Cost: \$570,000 (design)

Was the Project Completed:

On Time?: Project Ongoing (Currently in design / construction anticipated 2020)

Within Budget?: Project Ongoing

Number of Change Orders: N/A

Type of Design Work Performed (from Tab 5(C) above): See attached matrix



Lowson Boulevard Roadway Improvements

SR A1A Streetscape Improvements, Fort Lauderdale

This project involves the redevelopment of the existing streetscape of State Road A1A Northbound from the South Beach Parking to Alhambra Street along Fort Lauderdale Beach. The project aims to enhance the beach area brand by improving the sidewalk on both sides of the street to provide modern and cohesive look, a definitive delineation between the pedestrian zone and the outdoor restaurant café zone and improve pedestrian experience while walking along the beach and to its businesses. The design includes a flush, curb-less intersection at the major pedestrian crossing area of A1A and Las Olas Blvd. The trees and light poles are being consolidated near the back of curb to open the pedestrian zone and provide a clear walking path. The project enhances safety by use of bollards and surveillance systems. Kimley-Horn is the prime consultant on the project, with a team of local subconsultants.

Project Owner: City of Fort Lauderdale CRA

Owner's Contact Information

Tom Green, P.E.

Senior Beach Project Manager

954.828.4008

TGreen@fortlauderdale.gov

Total Project Cost: \$884,047 (design)

Was the Project Completed:

On Time?: Project Ongoing

Within Budget?: Project Ongoing

Number of Change Orders: N/A

Type of Design Work Performed (from Tab 5(C) above): See attached matrix



West Clematis Street Streetscape, West Palm Beach

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

Project Owner: City of West Palm Beach

Owner's Contact Information

Khanh Uyen Dang, P.E.

Senior Project Engineer

561.494.1116

kudang@wpb.org

Total Project Cost: \$885,000

Was the Project Completed:

On Time?: Yes. December 2013

Within Budget?: Yes

Number of Change Orders: N/A

Type of Design Work Performed (from Tab 5(C) above):

See attached matrix





Lowson Boulevard Roadway Improvements

Tamarind Avenue Streetscape, West Palm Beach

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

Project Owner: City of West Palm Beach

Owner's Contact Information

Khanh Uyen Dang, P.E.
Senior Project Engineer
561.494.1116

kudang@wpb.org

Total Project Cost: \$816,000

Was the Project Completed:

On Time?: Yes. December 2014

Within Budget?: Yes

Number of Change Orders: N/A

Type of Design Work Performed (from Tab 5(C) above): See attached matrix



Bicycle Lane Addition on NW 64th Avenue, Sunrise, FL

The City of Sunrise applied for a \$927,000 Transportation Alternatives Grant administered by the Florida Department of Transportation to construct bicycle lanes and street improvements on NW 64th Avenue from Sunset Strip to Oakland Park Boulevard. The City retained Kimley-Horn for design services for landscape, lighting, drainage, pedestrian and bicycle enhancements. This includes developing schematic design, design development, permitting, and construction documents. Additionally, Kimley-Horn environmental scientists will review natural, social, and physical resource data in the area and complete a Type 1 and Programmatic Categorical Exclusion (CE) checklist.

The project will be funded under FDOT's LAP program, so Kimley-Horn will provide LAP coordination assistance. The City anticipates a \$2.5 million construction budget.

Project Owner: City of Sunrise

Owner's Contact Information

Meghan Kaufold, R.A.
Project Manager
954.888.6070

mkaufold@sunrisefl.gov

Total Project Cost: \$2,500,000 million

Was the Project Completed:

On Time?: Project Ongoing

Within Budget?: Project Ongoing

Number of Change Orders: N/A

Type of Design Work Performed (from Tab 5(C) above): See attached matrix



Lowson Boulevard Roadway Improvements

Miramar Parkway Streetscape from SW 64th Avenue to SW 68th Avenue, Miramar, FL

Kimley-Horn provided professional engineering and landscape architecture services for this FDOT LAP funded project that involves roadway, landscape, irrigation, and lighting improvements on Miramar Parkway. Additional project improvements include bicycle lanes, drainage modifications, landscaping, lighting, hardscaping, driveway apron regrading, sidewalk replacement, ADA improvements at the intersections, and a mid-block pedestrian crossing/emergency signal modification.

Project Owner: City of Miramar

Owner's Contact Information

Alex Shershevsky

Project Manager

954.602.3315

ashershevsky@miramarfl.gov

Total Project Cost: \$1,490,300 (construction)

Was the Project Completed:

On Time?: Project Ongoing

Within Budget?: Project Ongoing

Number of Change Orders: N/A

Type of Design Work Performed (from Tab 5(C) above): See attached matrix

Safe Routes to School Design, Cutler Bay, FL

Kimley-Horn provided professional services for the design and preparation of construction documents for the Federally Funded Safe Routes to School (SRTS) project at Cutler Bay Middle School, formally known as Cutler Bay Academy of Advanced Studies. The scope included project management, preliminary design, environmental documentation, permitting assistance, final design services, LAP funding coordination and post design services, as well as construction contract documents including design plans, specifications, cost estimates, and production of the necessary environmental documents for the project. This included the design and preparation of construction contract documents that include:

- ▶ Installation of 5-foot-wide sidewalks (4" and 6" thick including pedestrian ramps)
- ▶ Intermediate school zone flashers
- ▶ Installation of detectable warning on existing walking surfaces
- ▶ Roadway striping improvements (thermoplastic traffic striping 6", 8", 10", 12", 24" white inclusive of painted crosswalks at key intersections and at school entrance signalized /pedestrian crossing and extend school zone paint on roads)
- ▶ Comprehensive signing upgrades and school zone speed feedback signs in front of school

Project Owner: Town of Cutler Bay

Owner's Contact Information

Alfredo Quintero, Jr.

Director of Public Works

305.234.4262 x55

aquintero@cutlerbay-fl.gov

Total Project Cost: \$72,049

Was the Project Completed:

On Time?: Yes. November 2016

Within Budget?: Yes

Number of Change Orders: 2

Type of Design Work Performed (from Tab 5(C) above): See attached matrix



Lowson Boulevard Roadway Improvements

NW 21st Avenue, Lauderdale Lakes

Kimley-Horn provided the City of Lauderdale Lakes with a design for roadway improvements on NW 21st Street from SR 7 to Willie Webb, Sr. Park. The improvements consisted of the addition of bike lanes on both the north and south side of the roadway plus the addition of a sidewalk on the south side to provide bicycle and pedestrian connectivity from SR 7 to the park and the associated residential communities along the corridor. Additionally, the improvements included landscaping, curb and median modifications, drainage and modifications to the intersection of SR 7 to address a substantial "hump" that existed. The project was an FDOT LAP funded project and Kimley-Horn provided LAP coordination and permitting services along with the necessary Broward County permitting requirements.

Project Owner: City of Lauderdale Lakes

Owner's Contact Information

Ronald Desbrunes, P.E.

Director of Public Works

954.535.2815

Ronald@lauderdalelakes.org

Total Project Cost: \$90,060.17

Was the Project Completed:

On Time?: Yes. November 2015

Within Budget?: Yes

Number of Change Orders: 3

Type of Design Work Performed (from Tab 5(C) above): See attached matrix

Westside Blueway Trail, Phase II, Miami Gardens

Kimley-Horn provided planning and design services for the development of the Westside Blueway Trail, inclusive of the site amenities and furnishings. The firm was also tasked with providing full construction documents and specifications as required for the bidding, construction observations, and administration of the project. Kimley-Horn's responsibilities included processing applications for construction permits and securing the necessary approvals through all applicable permitting agencies, one of which was FDOT LAP approval. The Westside Blueway Trail (Phase I) began at NW 171st Street running north along the Westside of NW 42nd Avenue and ending at the bridge located at NW 179th Street. Phase II of the trail continues from the NW 179th Street bridge eastward along the Carol City Canal A, then north. It provides accessibility across Miami Gardens Drive and continues north along the existing swale area at the west side of NW 39th Court and continue to NW 191st Street. The trail improvements include a new bicycle path and signage; wayfinding signs; Vita course stations with equipment; landscaping; ADA improvements; privacy fences as-needed for adjacent homes.

Project Owner: City of Miami Gardens

Owner's Contact Information

Greg Netto, P.E., LEED AP

Assistant Public Works Director

786.279.1280

gnetto@miamigardens-fl.gov

Total Project Cost: \$116,255

Was the Project Completed:

On Time?: Project Ongoing

Within Budget?: Project Ongoing

Number of Change Orders: 1

Type of Design Work Performed (from Tab 5(C) above): See attached matrix

Lowson Boulevard Roadway Improvements

- d) Identify the primary contact person, supervisory personnel, and other key personnel (including subconsultants) who are designated to work on the City's project. Provide a Standard Form (SF) 330, Section E for each individual. Include copies of relevant licenses and certifications relevant to the project.

Primary Contact

Marwan Mufleh, P.E. – Project Manager



Marwan has 30+ years of highway and streetscape design experience in South Florida. His principal areas of practice include project management, roadway design, streetscape design, drainage design, pavement marking, maintenance of traffic, and construction administration. Marwan has worked extensively on municipal roadway and Complete Streets projects throughout South Florida and has directed numerous projects for Delray Beach, several area municipalities, and CRAs. Specific projects in the area include Delray Beach's largest roadway and streetscape project, the Federal Highway/US 1 Complete Streets Design and Road Diet; SE Neighborhood Street Reconstruction; Martin Luther King, Jr. Drive Beautification; NE 3rd Avenue Streetscape; and the ADA Self-Evaluation and Transition Plan for the City of Delray Beach.

Key Personnel

Sean Bukovich, P.E. – Roadway/Civil Engineering



Sean has over 5 years of experience as a member of the firm's roadway design division. He provides support to senior engineers on projects that involve roadway and drainage design. His local Delray Beach project experience includes the SE Neighborhood Street Reconstruction, CRA Sidewalk Design Services, and East Atlantic Avenue Intersection Improvements. His responsibilities include preliminary roadway and drainage design, developing roadway profiles, cutting cross-sections, performing calculations, coordinating plan preparation, creating OPC's and utilizing FDOT's LRE system, and assisting on project reports.

Jason Webber, P.E. – Stormwater



Jason Webber has 12 years of experience in engineering and related fields plus six years of part-time experience in surveying. He is experienced in a wide variety of site civil design services including site design, stormwater management, erosion and sedimentation control design and inspection, ADA accessibility, utility systems, agency permitting throughout the State of Florida, and construction phase services. He is a registered Professional Engineer in Kimley-Horn's Boca-Delray office.

Mike Spruce, P.E. – Stormwater



Michael is a lead engineer in the firm's Boca-Delray office with more than 26 years of experience specializing in municipal infrastructure, redevelopment, and drainage projects. His experience includes stormwater management systems, drainage, hydraulic modeling, hydrologic evaluations, and construction phase services. As a project manager, his experience includes leading multidisciplinary teams for small and large municipal infrastructure, neighborhood improvement, and recreational facility projects. Michael has been a key team member for Kimley-Horn's involvement with the City of Delray Beach, the CRA's improvements to US1, Boynton Beach's Seacrest Boulevard project, and the redevelopment of Lake Worth Beach.

Adam Kerr, P.E. – Transportation/Complete Streets



Adam is a transportation engineer with 17 years of experience in a variety of transportation planning and traffic engineering projects in South Florida. Adam's experience includes preparation of major developments of regional impact (DRIs), FDOT action plan analyses, data collection coordination, and computer modeling. He has prepared traffic studies, signal warrant analyses, and traffic signal designs throughout Palm Beach County and South Florida. He has also served as the City Traffic Engineer for the City of Greenacres and has provided traffic and planning consulting services for the Town of Jupiter and City of Boca Raton.



Lowson Boulevard Roadway Improvements

**Stewart Robertson, P.E. – Transportation/Complete Streets**

Stewart has 20 years of experience specializing in transportation engineering, with an emphasis in multimodal planning and design and bicycle/pedestrian planning. Stewart's extensive experience includes municipal and countywide multimodal planning, travel demand analysis, corridor studies, and geographic information systems (GIS). He has previously served the Delray Beach CRA on the Federal Highway (US 1) Interim and Final Enhancements. Stewart has led the development of Complete Streets Guidelines for Broward and Miami-Dade Counties and has been involved with traffic studies throughout South Florida in which public involvement with residents was crucial to the study process.

**Jerry Piccolo, P.E. – Structural Engineering**

Jerry is a structural engineer with six years of experience. His responsibilities include performing calculations, plan preparation, reviewing shop drawings, observing project construction, and conducting structural inspections. He has worked on various FDOT projects including the Turnpike AET Phase 5A in Boca Raton, Indrio Road in Fort Pierce, and I-75 Segment C in Miramar. He is currently working with the City of Delray Beach on the development of construction plans for two proposed pedestrian bridges as part of the Lowson Boulevard Improvement project.

SF 330 Section E resumes for these key personnel are located at the end of this section.

e) Provide a detailed narrative description of the proposed approach and methodology for engaging with City representatives while in the course of performing the duties in accordance with FDOT LAP Agreements.

We understand City staff is continually challenged with public and official requests on top of their everyday project responsibilities. We also believe that you select consultants to get projects done, and not to add on to City staff's workload. Our project manager will establish a communication protocol that works best for the City's project manager. He will tailor his approach to match the City project manager's style. We will lead the design and coordination effort without burdening City staff while keeping them informed on a regular basis, so they can respond to any requests about the project and to be prepared for upcoming tasks.

We see our job as helping you prepare to meet the tight project deadlines and avoid risking the \$4,463,000 grant.

Our extensive LAP experience, relationships with FDOT, and familiarity with changes at the City allow us to serve you in a way that mitigate risks, rather than blindly follow a rigid process which may not achieve the desired results. As of our last meeting with FDOT to discuss this project's schedule and outstanding items, FDOT requested the City to complete their FDOT LAP certification.

We will assist the City with that process as needed. During the design process, the City will be required to sign certain forms and documents. We can help the City with the preparation of the required forms to allow City officials to execute them. These documents include a City signature on checklists such as the Federal Highway Administration checklist. The City's project manager will need to review our cost estimates for each progress phase. We have prepared the initial estimates for the Preliminary LAP Phase of this project and had Mr. Isaac Kovner sign it. We can prepare the right-of-way certification forms for the City to certify that all improvements will be constructed within existing right-of-way, as well as preparation of permit applications for City signature. FDOT recommends having bid alternatives in the design plans to allow flexibility during the bidding process by removing certain items if the main bid is over budget or adding more features if under budget. We will need City review and approval of these alternatives as well as City review and comments on all design plans phase submittals prior to submittal to FDOT.

Due to the short amount of time available to produce the plans and meet the LAP/grant schedule, we will meet with all pertinent City Departments to expedite the plans review. The City's Purchasing Office will need to prepare a consultant acquisition advertisement for the construction phase to perform construction engineering and inspection (CEI) services since FDOT requires the CEI consultant to be different from the design consultant. Similarly, the Purchasing Office will prepare a construction bid advertisement. All advertisements must be reviewed and accepted by FDOT prior to publication. The City Commission will need to adopt a resolution regarding the LAP agreement and execute it after legal review. The City Utilities Department will need to make quick decisions on any needed adjustments or replacements to their utility lines within the limits of the project. Given all the important documents and tight time frames, we will provide the City's project manager with advance notice on all these deadlines and make ourselves available to assist as needed.



Lowson Boulevard Roadway Improvements

Since our firm is preparing up to the 30% design phase, we will have conducted the public meetings as required by FDOT. However, during the next phase of the project we will be able to effectively follow up on the earlier public coordination.

We will conduct meetings, prepare graphics and exhibits, and provide it to City staff for review. We prepare all meeting agendas and minutes to document decisions, action items, responsibilities and deadlines and provide to the City for review. We will follow up with reminders on action items to ensure the process doesn't stall. We will present design options along with our recommendation to City staff to streamline the decision-making process for them. We will make direct contact with various City departments to expedite the process if permitted by the City's project manager. We will coordinate with both City and CRA staff to ensure both are informed throughout the process. As we have done on similar projects, we will collaborate with the City and CRA to address any private encroachment within the existing roadway right-of-way that conflict with the proposed construction.

Our project management approach and strategy for each project is designed to maximize the efficient execution of each task to ensure the City receives what it expects. Our project management process focuses on ways to:

- ▶ Harmonize and control the numerous multidiscipline activities likely to be involved and make it seamless to the City
- ▶ Tailor each approach to meet the individual specifications, budget, and time constraints specified by the City and inform the City project manager of results

Effective management is the most critical component for successful completion of a project, from initiation through final deliverable and invoicing.

Although our organizational structure is discipline driven, overall program management will be executed under a single point of contact. The primary liaison for this contract is **Marwan Mufleh, P.E.**, who has served the City in this capacity for over a decade and who is currently the project manager for the first phase of this project. ***This will provide continuity necessary to take the project to completion without a learning curve, which ensures meeting FDOT's strict deadlines.*** Marwan is committed to ensuring immediate availability and direct communication with the City. As project manager and Principal with the firm, Marwan will be responsible for ensuring that Kimley-Horn is meeting the City's goals for a project's technical quality, as well as all financial and schedule commitments. He will work closely with each discipline leader to ensure that communication is seamless and that the City is being served by the most qualified and appropriate professional for the task at hand. With a single point of contact, the City is ensured that consistent and exceptional client service is being provided throughout the project.

Should outside resources be necessary to meet project needs or address emergency situations, Marwan has the authority to access more than 700 employees located within the state and more than 3,500 individuals nationwide. To the City all of our management will appear seamless so they are not burdened by the day to day activities.

FDOT LAP Agreement Experience

Recent experience with the FDOT LAP process as well as relationships with FDOT is an important factor in the success of every LAP project. However, since this project particularly has a tight schedule, another factor contributing to a project's success is the ability to quickly progress from the initial engineering design phase which will be completed by our firm in March to the final design. Based on FDOT requirements and the Board of Professional Engineers, any engineer that adopts the design started by another engineer must go through a process to essentially recreate that design and document it accordingly. However, for our engineers to continue the design work, this time-consuming step would be eliminated and the design can proceed in an efficient manner by building on the initial phase. We have served Delray Beach on major LAP projects including the Federal Highway Enhancements. We have also served neighboring municipalities with LAP projects including Boca Raton with Patch Reef Trail; Boynton Beach with multiple projects including Seacrest Boulevard and Boynton Beach Boulevard; Lake Worth with 5th Avenue South Trail; West Palm Beach with numerous street improvement projects; and many more municipalities in South Florida and throughout the state. While staff turnover at firms eats away at their experience, Kimley-Horn has very low turnover as compared to the rest of the industry. As such the LAP experience presented in this response is available with our current staff.

A critical item with LAP projects is to identify work elements that do not qualify for the grant funding, which means another agency must budget for those expenses to ensure the project can be completed as designed. Such ineligible work can be related to relocation of existing utilities that conflict with the proposed improvements or roadway features that should have been addressed as part of City maintenance obligations instead of inclusion in the project for reconstruction. Knowing how difficult it is to incur costs that have not been budgeted for, we will coordinate diligently with the City to identify these potential funding challenges at the earliest possible stage.



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Municipalities are required to be certified as agencies that can administer LAP projects. As such, Kimley-Horn has assisted many clients with obtaining LAP certification and approval. FDOT is in the process of certifying Delray Beach for this project. We will assist the City as needed to gain this certification. Kimley-Horn has extensive experience administering LAP-qualified projects, including checklists and other FDOT/FHWA requirements. We understand the extent of coordination necessary to successfully deliver these types of assignments and satisfy the associated funding requirements. Kimley-Horn's experience includes numerous LAP projects for cities and counties, such as sidewalk improvements, bike lanes, landscape enhancements, hardscape enhancements, shared use or multi-purpose paths and roadway reconstruction.

As an off-state highway system facility, FDOT requires the Lowson Boulevard project be designed in accordance with the Florida Greenbook design criteria. FDOT also requires an environmental study to clear the project for construction.

We are currently conducting this environmental analysis, which includes a cultural resource assessment survey (CRAS) and will be able to efficiently manage this issue as we proceed with the final design.

Another key issue is avoiding acquisition of right-of-way and temporary construction easements, especially where construction is so close to the right-of-way line or private property lines, as is the case at the east end of this project. In such cases, minor differences in elevation between the back of sidewalk and the adjacent property ground may require encroachment on the private lot to harmonize the connection. This is easy to accomplish in the field, however, FDOT will require a formal approval by each affected property owner. ***We have been very successful on a number of projects to avoid this cumbersome and extensive process that can delay the project,*** by designing a solution on the plans that keeps work within existing right of way, such as building a small curb at the back of sidewalk, to win FDOT approval. However, once construction starts, the City can eliminate that curb and harmonize in the field.

Other important factors on LAP projects are fixed budgets that must be met, preparation of justification to gain approval for any proprietary products the City wishes to use, FDOT review at each phase submittal, use of FDOT LAP Specifications for four of the major construction items, and other specific requirements placed on the local agency by FDOT. We understand that this can be a challenging process and will assist the you in navigating this process.

Areas that are worthy of further discussion include the FDOT review process and the FDOT LAP specification process. The comments that result from the FDOT phase submittal reviews will be provided in FDOT's Electronic Review Comments (ERC) System. We are accustomed to the ERC System as all of our FDOT projects use that same system. Given the short schedule on this project, we plan to make personal contacts with each of the reviewers to resolve their comments ahead of the deadline. We are also knowledgeable in the LAP specification process. FDOT will provide the 4 big LAP Specifications to include in the specifications package and the Kimley-Horn EOR would sign and seal the package. This information would then be included with Delray Beach's front end documents to compromise the bid documents for the project. It is imperative to ensure that items in the LAP Specifications do not conflict with the City's front end information.

Also, if there are additional pay items included in the project that are not covered with FDOT specifications, then Technical Specifications would be necessary to account for the remaining items. We have prepared Technical Specifications on previous projects and are able to guide the City through this process.

f) Describe in detail Proposer's approach to the design of roadway projects.

Our project management approach addresses project needs, creates phased goals, establishes milestones, creates clear measurable steps and progress, and is geared toward your success. Following is a summary of our typical Project Management approach, the benefits of our Work Plan approach, the importance of High Level Communication, how Value Engineering is a key factor in project success, a description of the Project Phases, our focus on schedule and budget control, workload and availability, and how Kimley-Horn will implement our Quality Assurance/Quality Control program for the City of Delray Beach. However, it is worth noting that the approach to this particular project will be modified to address specific challenges that include:

1. LAP-funded project process and coordination with FDOT
2. Current established tight schedule to provide the final design to FDOT
3. Basing the final design on the 30% design and plans prepared by Kimley-Horn
4. Incorporating the proposed bridge plans over the E-4 Canal with the roadway final plans
5. Expediting topographic design survey within the short schedule



Lowson Boulevard Roadway Improvements

Any consultant will have to deal with the above five challenges. The fact that Kimley-Horn is preparing the initial design for the roadway plans, right-of-way survey, public outreach, and title search and final design plans for the bridge allows us to immediately continue the work which saves time on the tight schedule.

Kimley-Horn recognizes that a strong project management approach is necessary to successfully complete this City of Delray Beach Engineering Roadway Improvements project on schedule and within budget. Our standard management practices are outlined in a formal manual published by the firm entitled, Project Manager's Manual. This document clearly establishes the firm's policy, which requires the project manager prepare a detailed work plan and management plan for each major project. This includes a plan for controlling and directing all elements of the project.

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

- ▶ We will conduct a risk assessment of the project with City staff to identify potential factors that can impact budget and schedule and implement contingency plans to mitigate them. These may be easement or right of way issues, private encroachments in right of way, etc.
- ▶ We will not only control and manage the project schedule, we will anticipate problems, creatively develop solutions, and implement a set of actions before problems arise.
- ▶ We will follow up on action items to ensure that planned actions are executed by a single responsible person. There will be no misunderstanding as to who was or is responsible.
- ▶ Our project management plan will promote efficiency, clarify communication protocols, provide direction, avoid misunderstandings, and govern routine action.
- ▶ Our project management plan will clearly identify, budget, and plan for effective quality control and independent reviews, and we will produce a result that exceeds contractual expectations.
- ▶ We will execute random inquiries into schedule adherence, work performance, quality performance, and resource allocations to determine compliance with planned project performance. We will identify anomalies and take instant corrective actions as needed.
- ▶ Our project manager, Marwan Mufleh, P.E., will be in command and control of the project at all times. He will have the authority to allocate resources and correct problems.
- ▶ We will view the project from your perspective, examine issues in a strategic context, and provide you with tactical solutions.
- ▶ We will work to resolve conflicts when they arise and provide you with technical and administrative solutions.
- ▶ We are responsible for our subconsultants and will manage them to meet project goals.

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

In short, Kimley-Horn's management approach is team-oriented, no-nonsense, results-oriented, and saturated with top quality people who routinely produce superior results.

Detailed Work Plan

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

High Level of Communication

In addition to assembling the right team, the project manager must communicate with the entire team to be aware of the project status, adjust any work plan issues if they occur, and keep the client informed at all times. This level of communication is key to a successful project and an effective method for identifying any potential problems before



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they become serious. Early detection followed by immediate action is critical. If a problem does develop, the best approach is to research the issue to determine the severity of the problem, formulate a plan to address the issue with the appropriate team members, and then immediately present the client with the best resolution—one that is supported by clear and concise documentation so that if direction is required by the client, the necessary facts are available for an informed decision.

Value Engineering

Kimley-Horn has a long history of achieving successful project completion through a combination of effective project management and technical expertise. We know that when you select an engineering consultant, you are really choosing people who offer you technical expertise, extensive hands-on experience with similar projects, and a demonstrated record of quality and responsiveness that will make your project a success. We have carefully selected a core team of experienced professionals to provide a high level of responsiveness to the City of Delray Beach, both in terms of exceptional local experience and support, and extensive technical experience in the disciplines you require.

With that expertise in place, the Kimley-Horn team has a philosophy of constant value engineering by focusing on better decisions, better information, better analysis, cost reductions, increased productivity, and accurate deliverables throughout all project steps. Value engineering is a key factor for developing successful projects that transition from study to design, and from design to construction. The challenges associated with each project task are solved creatively and effectively. Each step is reviewed by the most qualified professional to assure the highest level of value to the City of Delray Beach.

Kimley-Horn has also worked with many municipalities and governmental agencies to provide peer reviews and value engineering reviews. Our team's expertise can be applied to designs completed or partially completed by other engineering companies. Our experience in all facets of municipal work can be applied to any existing project with positive results and added value to the client. The common goal of the Kimley-Horn team is to provide the City of Delray Beach with the most value throughout every aspect of its roadway improvements engineering design services projects.

Project Phases

The following project sequence demonstrates the key components that will be incorporated into our project approach for the City. ***This is with the understanding that the Preliminary design phase, as well as up to 30% design of the Final Phase, are being performed by Kimley-Horn under a separate work authorization from the City.*** We have developed a sample design project sequence that illustrates critical tasks and milestones. In general, there are three phases to successfully complete this type of project in a timely fashion with a focus on cost control.

- ✓ Preliminary Design Phase
- ✓ Final Design Phase and Permitting

1. Preliminary Design Phase

It is during this phase that the problem is clearly defined, improvement objectives are set, and a feasible solution is developed. Our team will collect the data necessary to analyze the situation. For this project, the preliminary design phase will primarily consist of existing plan, specification, and permit review coordination with the City, and field investigation. A thorough analysis will then be performed and alternatives evaluated. Evaluation will include comparison of the degree to which each alternative meets the objective, cost analysis, permissibility, and constructability.

Initial discussions with permitting agencies are critical at this time. If requested by the City, the public can also be informed of the proposed project and the preferred solution. Cost implications and potential funding must also be considered during this phase. Milestones in the Preliminary Design Phase include:

- ▶ A kick-off meeting to set project objectives, scope, schedule, and team communication.
- ▶ Verification of survey in the field to confirm field conditions, encroachments, conflicts, potential for easements, etc.
- ▶ Preparation of a design criteria memorandum for City review and approval.
- ▶ A review of analytical results for the existing conditions to ensure clear understanding of the problem and to begin



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developing alternatives. This may include traffic issues, geometric design, utility impacts, maintenance of traffic during construction, drainage issues and pavement design.

- ▶ When appropriate, a public meeting can be scheduled to present the results of the analysis, the alternative solutions, funding opportunities, and to obtain input.

Scheduling milestone reviews with City staff will be one means by which the Kimley-Horn team will track and monitor project progress. Deliverables in the Preliminary Design Phase include plan review and data compilation in a manner acceptable to the City, an analysis in an agreed upon format, preliminary permitting coordination, and a cost analysis and reconfigurations for moving forward.

2. Final Design Phase and Permitting

At this point, the proposed design upgrades or modifications have been selected. The Kimley-Horn team will prepare complete construction documents suitable for competitive bidding. Construction documents can be provided at various levels of design completion such as 30%, 60%, 90%, and final or as requested by the City. Probable construction costs will be updated as the project details are developed. Pre-application meetings will be held with review agencies such as the City of Delray Beach, South Florida Water Management District, and other agencies as necessary, and permit applications will be prepared and submitted. In addition, access plans for adjacent properties and maintenance of traffic issues will be developed.

Milestones during the Final Design Phase include:

- ▶ A kick-off meeting to authorize the start of final design, confirmation of project scope, objectives, and schedule
- ▶ Design reviews at completion of 30%, 60%, and 90% plans
- ▶ Update project costs
- ▶ Biddability review of the construction plans to avoid plan revisions
- ▶ Constructability review of the construction plans from the contractor's view point to avoid change orders
- ▶ Permit applications

Deliverables during this phase include complete construction documents, drawings, and specifications suitable for competitive bidding.

Schedule and Budget Control

The schedule we developed for this phase of the project reveals that the only way to meet the FDOT LAP deadline for completing the design by August 2019 is to continue to work on the project as soon as we submit the Initial Engineering Phase for FDOT's review.

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

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

On the following page is our standard approach to schedule and budget for typical roadway projects.

BASELINE SCHEDULE
CITY OF DELRAY
Lowson Blvd Roadway Improvements



Kimley»Horn

1615 South Congress Avenue, Suite 201
 Delray Beach, FL 33445



Lowson Boulevard Roadway Improvements

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

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

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

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

Quality Assurance/Quality Control (QA/QC)

Quality control begins with the team assigned to undertake this project. Recognizing the critical importance of careful quality control, we have developed an extensive internal quality control program with a 200-page manual to guide this process, which is routinely implemented on our projects. There will be no learning-curve impact on quality for the Kimley-Horn team. The QC plan will identify the various disciplines the responsible professionals and quality reviewers.

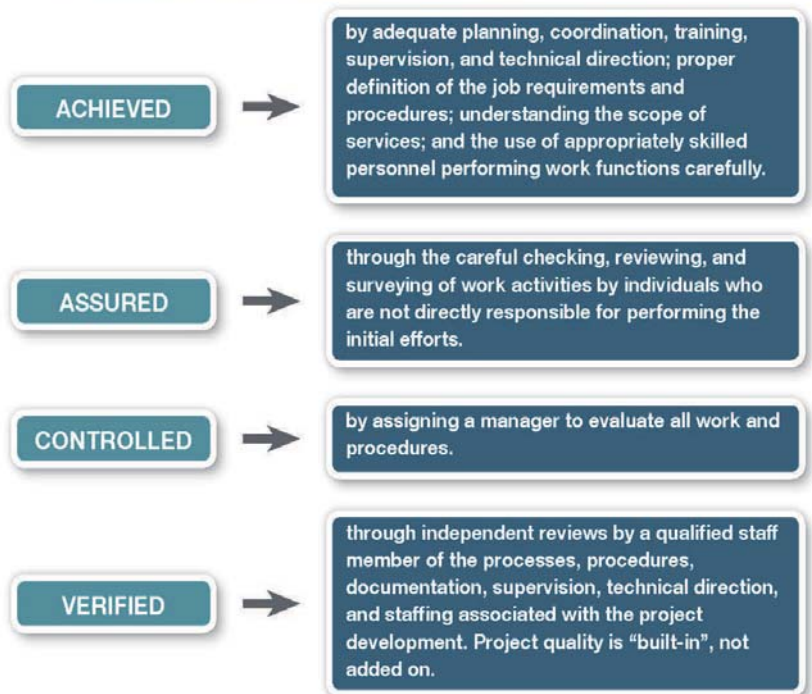
Our approach to frequent communication and to quality assurance/quality control will relieve City staff of any significant project review efforts. A QA/QC review of project solutions and analysis, together with design reviews, will ensure a top quality deliverable for the City. Our team's experience in coordinating and conducting public meetings and information sessions will also relieve staff of a considerable burden. The ultimate goal of each project is to provide a safe and satisfactory outcome for your citizens.

Our formal QA/QC program is based upon assigning experienced senior professionals who are otherwise qualified to manage a particular project, to serve in an independent quality control role. Steve Orr, CET, IMSA II, will serve as our QA/QC reviewer. Steve has more than 44 years of engineering experience and has provided QA/QC reviews on a wide range of roadway projects. Our staffing depth allows us to provide such personnel, and their involvement provides the project with fresh perspective and a critical eye.

Our internal QA/QC program will include:

- ▶ An internal kick-off meeting held with key team members assigned to the job to clearly define the scope, outline

Quality Is





Lowson Boulevard Roadway Improvements

subtask responsibilities, establish schedules, and identify project milestones and goals.

- ▶ At the end of each phase, a QA/QC review will be conducted as one of several final checks to ensure that the project deliverable is technically correct and consistent with your objectives.
- ▶ Any modifications required to respond to the comments and recommendations of the quality control team will be incorporated during the ongoing analysis prior to submitting our plans to you.

g) Explain Proposer's ability and commitment to maintain accessibility and availability for meetings, communications, and supervision.

Kimley-Horn's commitment to be available to the City was made years ago and re-emphasized when we chose Delray Beach for our second Palm Beach County office location. 17 of our local employees live in the City. Our project engineer, Sean Bukovich, P.E., lives in downtown Delray Beach and travels by the City offices and project area on a daily basis.

Clear and continuous communication with our clients and the project team concerning budget, schedule, and performance is routine to Kimley-Horn and cannot be underestimated in its role concerning project success. Based on the City's desired level of communication, Kimley-Horn will tailor and implement a communication and reporting program to meet the City's project management and financial tracking requirements. Kimley-Horn will ensure that we clearly understand the project objectives and focus on continual and open communication of all project activities.

We are committed to making the Kimley-Horn team completely available to you to meet your schedules and needs. You have our commitment that our project team will remain responsive to your needs and concerns throughout the contracts' duration. The Kimley-Horn team consists of professionals based out of our Delray Beach office, which is right around the corner from the City of Delray Beach purchasing office. These local staff members will be supported by professionals based out of our West Palm Beach office and professionals located out of our Fort Lauderdale office. But responsiveness is much more than proximity or distance from the City. Responsiveness is providing you with information at short notice. It is promptly returning phone calls. It is meeting your needs. And that is where Kimley-Horn excels. We put our clients' needs first. When you call, we will respond. We are available for project meetings in your offices when required.

h) Describe any significant or unique awards received or accomplishments in previous, similar projects received by the prime contractor and/or any subcontractors (Team), or by individuals within the Team.

For more than 20 years, **Kimley-Horn** has received a variety of awards for its professional accomplishments in terms of both project excellence and exceptional management practices. Kimley-Horn is recognized nationwide for the quality of its work environment, for its stature as a business enterprise, and for the outstanding work of its consulting staff. The firm's record of technical achievements is enhanced by our reputation for effective management and personal service. While the honors we have received measure our internal culture and abilities within the industry, the benefits Kimley-Horn offers to its clients are equally measurable—your team is made up of high-achieving, dedicated, and reliable consultants who are committed to your project. *Listed below are just a few of awards for which the firm has been recognized over the past several years.*

FORTUNE magazine's 100 Best Companies to Work For in 11 years, including 2018.

In 2018, ENGINEERING NEWS-RECORD ranked Kimley-Horn 20th of Top 500 U.S. Design Firms. These rankings speak highly of Kimley-Horn's diversity of services and industry leadership.



2018: Perry Harvey Park

Meritorious Achievement in the Field of Infill Design – Florida Trust for Historic Preservation – Restoration of Memorial Bradley Park, Palm Beach, FL

National Recognition Award – American Council of Engineering Companies (ACEC) of Florida – FITTEAM Ballpark of The Palm Beaches Spring Training Facility for the Houston Astros and Washington Nationals, West Palm Beach, FL

Award of Honor – Florida Chapter of American Society of Landscape Architects Perry Harvey Park, Tampa, FL



Lowson Boulevard Roadway Improvements



2017: Siesta Key Beach Park

Project of the Year - Historic Restoration/
Preservation American Public Works Association
– Florida Chapter and National Award
Restoration of Memorial Fountain in Town Hall
Square, Palm Beach, FL

Agency Excellence for Economic Impact –
Florida Recreation and Park Association – Sims
Park, New Port Richey, FL

Engineering Excellence Award for Water and
Stormwater – Florida Institute of Consulting
Engineers; and **Award of Excellence** for Open
Space Category – Florida American Society of
Landscape Architects – Siesta Key Beach Park,
Sarasota, FL



2016: US 1 Enhancements

Roy F. Kenzie Award for “Best Transportation and
Transit Enhancements” – Florida Redevelopment
Association – Federal Highway (US 1) Interim and
Final Enhancements, Delray Beach, FL

Outstanding Study/Plan – Florida Planning and
Zoning Association – Franjo Activity Center, Village
of Palmetto Bay, FL

2017 Florida Institute of Consulting Engineers
Engineering Excellence Award – Florida Institute
of Consulting Engineers – Capital Cascades
Connector Bridge, Blueprint 2000, Tallahassee, FL

Award of Merit – Florida Chapter American Society
of Landscape Architects – Regatta Park, Miami, FL

Lowson Boulevard Roadway Improvements



2015: Palmetto Park Road

Award of Excellence – Plan Hillsborough; Public Sector Urban Excellence Award – Tampa Downtown Partnership, and H. Dean Rowe, FAIA Award for Design Excellence – AIA Tampa Bay – The Riverwalk at Kennedy Boulevard Plaza, Tampa, FL

Award of Merit – International Downtown Association Palmetto Park Road and Boca Promenade, Boca Raton, FL

Best Project of 2014: Residential/Hospitality – Engineering News-Record – Streamsong Resort, Polk County, FL

Project of the Year – ASCE, Florida Section – Palm Beach Outlets and Marketplace, West Palm Beach, FL

Project of the Year – American Public Works Association Florida West Coast Branch – Zephyrhills Skate Park, Zephyrhills, FL



2014: Dixie Highway Flyover

Engineering Excellence Award – Florida Institute of Consulting Engineers – Miami-Dade Advanced Traffic Management System (ATMS) Project

Engineering Excellence Award – Florida Institute of Consulting Engineers – Celery Fields Regional Stormwater Facility, Sarasota County, FL

Prize Bridge Award – National Steel Bridge Alliance – Dixie Highway Flyover Design-Build, Boca Raton, FL

Outstanding Development Award – Florida Planning and Zoning Association – Nathan Benderson Park, Sarasota, FL



2013: Bradenton Downtown Riverwalk

Engineering Excellence Grand Award – Florida Institute of Consulting Engineers – Dixie Highway Flyover Design-Build, Boca Raton, FL

Outstanding Project Award – Florida Department of Transportation/Florida Institute of Consulting Engineers – Dixie Highway Flyover Design-Build, Boca Raton, FL

Planning Award – Heart of Florida (HOF)/Florida American Planning Association – Polk TPO Complete Streets Program, Polk County, FL

Best New Installation – Florida Nursery, Growers and Landscape Association – Bradenton Downtown Riverwalk

Award of Excellence – Economic Development Division of the American Planning Association; Award of Excellence – Florida American Planning Association; Award of Merit – County Planning Division of the American Planning Association; Distinguished Project Award and Public-Private Partnership Award – Suncoast Section of Florida American Planning Association; and State Award – Florida Recreation and Park Association – Nathan Benderson Park, Sarasota, FL Award of Excellence - Architectural Design – Florida Planning Association – Palm Avenue Parking Garage, Sarasota, FL

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Marwan Mufleh, P.E.	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE a. TOTAL 31 b. WITH CURRENT FIRM 15	
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., West Palm Beach, FL			
16. EDUCATION (Degree and Specialization) Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) FL / Professional Engineer/#45329/3-27-92	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers (ASCE), American Society of Highway Engineers (ASHE), Florida Engineering Society			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Federal Highway (US 1) Enhancements, Delray Beach CRA	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2016
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager for a multi-phased project that included a study and conceptual design, temporary implementation of the design for a trial period and final design of the permanent improvements. This project included the reconfiguration of the two one-way segments of US 1 from three lanes to two. Kimley-Horn evaluated potential changes to the lane configuration along southbound and northbound segments of US 1. We developed alternatives, forecasted future traffic volumes for review with the City and the CRA, and led several public involvement workshops. Temporary improvements were installed to study the real-world effects of fewer and narrower lanes before the ultimate improvements were constructed.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Lowson Boulevard Improvements Initial Report Delray Beach, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn was selected by the City of Delray Beach to provide professional engineering services to assist with the initial design of the roadway improvements to Lowson Boulevard between Military Trail and S.E. 6th Avenue. The project includes bicycle lands and other improvements to a 3.5-mile segment of the roadway. The project is partially funded through the FDOT LAP program.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) SE Neighborhood Street Reconstruction Delray Beach, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer for the design of the reconstruction of portions of SE 5th Street, SE 7th Avenue and SE 7th Street. Kimley-Horn's services include coordinating site surveying, attendance at public meetings, pavement design, establishing new profiles to fix existing drainage issues, analyzing adjacent landscaping to determine needs for relocation, utility coordination, permit coordination, development of typical cross sections, preparing final design plans for the improvements, incorporating City of Delray Beach complete streets principles and providing opinions of probable costs.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Lowson Boulevard Pedestrian Bridges Delray Beach, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn was retained by Delray Beach to complete a set of construction plans for two pedestrian bridges for the proposed Lowson Blvd. pedestrian bridge over Lake Worth Drainage District's (LWDD) E-4 Canal. The bridges will be on either side of the canal. The bridge is part of the bicycle lane addition for Lowson Blvd. The project also includes the preparation of a Type 1 Categorical Exclusion environmental document with permitting and coordination with LWDD and the US. Army Corps of Engineers.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) 5th Avenue South Bikeway and Pedestrian Trail, Lake Worth, FL	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable) 2018
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn provided services to improve pedestrian and bicycle access for a multiuse path on 5th Avenue South and striping bike lanes on B and E streets between Lake Avenue South and 6th Avenue South. Our scope included final engineering design for paving, grading, landscape, hardscape, irrigation, signage, and striping for the project. The project was LAP funded by FDOT and followed LAP guidelines.	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Sean Bukovich, P.E.	13. ROLE IN THIS CONTRACT Roadway/Civil Engineering	14. YEARS EXPERIENCE a. TOTAL 5 b. WITH CURRENT FIRM 5	
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., West Palm Beach, FL			
16. EDUCATION (Degree and Specialization) Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) FL / Professional Engineer/#84287/12-16-17	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Florida Engineering Society			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager for the design of the reconstruction of portions of SE 5th Street, SE 7th Avenue and SE 7th Street. Kimley-Horn's services include coordinating site surveying, attendance at public meetings, pavement design, establishing new profiles to fix existing drainage issues, analyzing adjacent landscaping to determine needs for relocation, utility coordination, permit coordination, development of typical cross sections, preparing final design plans for the improvements, incorporating City of Delray Beach complete streets principles and providing opinions of probable costs.	[X] Check if project performed with current firm	
	PROFESSIONAL SERVICES Ongoing		CONSTRUCTION (If applicable)
	(1) TITLE AND LOCATION (City and State) City of Delray Beach CRA Sidewalk Design Services Delray Beach, FL	[X] Check if project performed with current firm	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager for the design of missing sidewalk segments for several areas along SW 3rd Street, NW 8th Avenue, NW 6th Avenue, SW 6th Avenue and SW 5th Avenue. Kimley-Horn's services include coordinating site surveying, attendance at public meetings, review of profiles and edge of pavement elevations, analyzing adjacent landscaping to determine needs for relocation, utility coordination, permit coordination, development of typical cross sections, preparing final design plans for the improvements, and providing opinions of probable costs.		PROFESSIONAL SERVICES Ongoing
	(1) TITLE AND LOCATION (City and State) East Atlantic Avenue Intersection Improvements Delray Beach, FL	[X] Check if project performed with current firm	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn was retained by Delray Beach to revise the design and provide construction plans and cost estimated for two intersections at Gleason Street and Venetian Drive at East Atlantic Avenue. FDOT requested the City not replace deteriorating existing pavers but install new concrete pavement at these intersections.		PROFESSIONAL SERVICES Ongoing
	(1) TITLE AND LOCATION (City and State) 5th Avenue South Bikeway and Pedestrian Trail Lake Worth, FL	[X] Check if project performed with current firm	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn provided services to improve pedestrian and bicycle access for a multiuse path on 5th Avenue South and striping bike lanes on B and E streets between Lake Avenue South and 6th Avenue South. Our scope included final engineering design for paving, grading, landscape, hardscape, irrigation, signage, and striping for the project. The project was LAP funded by FDOT and followed LAP guidelines.		PROFESSIONAL SERVICES 2018
	(1) TITLE AND LOCATION (City and State) SR A1A Streetscape Improvements, Fort Lauderdale, FL	[X] Check if project performed with current firm	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn is providing full civil engineering services for the redevelopment of the existing streetscape of State Road A1A Northbound from the South Beach Parking to Alhambra Street along Fort Lauderdale Beach. The project consists of improving the sidewalk on both sides of the street outside of the curbing to provide modern and cohesive look, a definitive delineation between the pedestrian zone and the outdoor restaurant café zone and improve pedestrian experience while walking along the beach and to its businesses. The trees and light poles are being consolidated near the back of curb to open the pedestrian zone and provide a clear walking path. Kimley-Horn is the prime consultant on the project, with a team of local subconsultants, and is responsible for providing the civil engineering, permitting, coordination, and other services for the complete project.		PROFESSIONAL SERVICES 2018

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Michael Spruce, P.E.	13. ROLE IN THIS CONTRACT Stormwater	14. YEARS EXPERIENCE a. TOTAL 26 b. WITH CURRENT FIRM 23	
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Delray Beach, FL			
16. EDUCATION (Degree and Specialization) Master of Science / Agricultural Engineering Bachelor of Science / Agricultural Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) FL / Professional Engineer/#52776/2-18-98	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager and quality control reviewer for construction plans for Phase IV of the City of Delray Beach's Seacrest Neighborhood Improvement Program. The project included more than \$1.5 million worth of improvements and upgrades to aging infrastructure on 18 streets within the existing Seacrest neighborhood. The improvements and upgrades included installation of potable water distribution mains and service connections, abandonment and relocation of existing water mains and service connections, installation of sewer mains with service connections, asphaltic concrete pavement overlays and reconstructions, concrete sidewalks, traffic calming measures, stormwater drainage improvements, retention ponds, driveway replacements, swale improvements, landscaping and irrigation, and associated miscellaneous improvements.	[X] Check if project performed with current firm	
	(1) TITLE AND LOCATION (City and State) Seacrest Neighborhood Improvement Program Delray Beach, FL		PROFESSIONAL SERVICES 2003 CONSTRUCTION (If applicable)
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager and lead engineer on citywide master plan project. Project duties included serving as primary contact for city staff, directing data collection, conducting field reviews of existing conditions, stormwater modeling, and report preparation.	[X] Check if project performed with current firm	
	(1) TITLE AND LOCATION (City and State) City of Delray Beach 2000 Stormwater Master Plan Update Delray Beach, FL		PROFESSIONAL SERVICES 2001 CONSTRUCTION (If applicable)
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer on the Kimley-Horn team who was responsible for this study and conceptual design of several blocks of US 1 in Delray Beach. The City and its Community Redevelopment Agency (CRA) adopted the Downtown Delray Beach Master Plan, which has as one of its key elements a reconfiguration of the two one-way segments of US 1 from three lanes to two lanes. Accordingly, Kimley-Horn was retained to evaluate potential changes to the lane configuration along southbound (NE/SE 5th Avenue) and northbound (NE/SE 6th Avenue) segments of US 1 from north of Linton Boulevard (SE 10th Street) to George Bush Boulevard. Kimley-Horn developed alternatives, forecast future traffic volumes for review with the City and the CRA, and led several public involvement workshops at which detailed traffic engineering and design data were presented.	[X] Check if project performed with current firm	
	(1) TITLE AND LOCATION (City and State) US 1 Corridor Study Delray Beach, FL		PROFESSIONAL SERVICES 2007 CONSTRUCTION (If applicable)
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager and lead engineer on this residential drainage project. Project duties include directing data collection, stormwater modeling, and recommendation of alternative improvements.	[X] Check if project performed with current firm	
	(1) TITLE AND LOCATION (City and State) Harbor Drive Drainage Evaluation Delray Beach, FL		PROFESSIONAL SERVICES 2007 CONSTRUCTION (If applicable)
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager and lead engineer on eight residential projects involving roadway, water main, and drainage improvements. Project duties include directing field data collection, detailed design of improvements, preparation of plans and specifications, and bid phase services.	[X] Check if project performed with current firm	
	(1) TITLE AND LOCATION (City and State) 2000 Roadway Improvements Bond Program, Southeast/Southwest Area Infrastructure Improvements Delray Beach, FL		PROFESSIONAL SERVICES 2005 CONSTRUCTION (If applicable)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jason Webber, P.E.	13. ROLE IN THIS CONTRACT Stormwater	14. YEARS EXPERIENCE	
		a. TOTAL 13	b. WITH CURRENT FIRM 11
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Delray Beach, FL			
16. EDUCATION (Degree and Specialization) Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) FL / Professional Engineer/#73962/1-12-12	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Delray Square Plaza Redevelopment Delray Beach, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Engineer-of-record and project manager for the Kimley-Horn team responsible for civil engineering, permitting, planning, landscape architecture, irrigation, and construction phase services for the Delray Square Plaza Redevelopment. The project includes the redevelopment of the south portion of the shopping center, relocating the existing Publix, constructing new retail space, two new outparcels, and rehabilitating the remainder of the buildings and parking lot areas. Stormwater management was predominately accommodated by filling an existing lake and replacing it with underground StormTech storage chambers. The project required a Master Development Plan and two Class IV Site Plan Modifications with the City of Delray Beach. Kimley-Horn developed detailed phasing plans for the project as Publix cannot be closed at any time during the demolition and construction. Kimley-Horn also coordinated with all franchise utilities (FPL, AT&T, Comcast, FPU Gas) for a multi-phase design for relocation of their services to serve the new buildings. The project is currently in the demolition and construction phase.	<input checked="" type="checkbox"/> Check if project performed with current firm	
Lake Worth Beach Redevelopment Lake Worth, FL	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) 2013
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer on the Kimley-Horn team that developed design criteria and site plan alternatives for a proposed redevelopment of its public beach. Proposed improvements included boardwalks, parking lots, roads, utility and drainage infrastructure, walkways, landscaping, street furnishings, pavilions, beach lockers, playground equipment, lighting, restrooms, and other site amenities. Our team also assisted the City in negotiating a new interlocal agreement with Palm Beach County to secure up to \$5 million in funding for the public improvements.	<input checked="" type="checkbox"/> Check if project performed with current firm	
Las Olas Boulevard Corridor Improvements Fort Lauderdale, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn is providing preliminary design, evaluation, and due diligence services for this mixed-use project for the City of Fort Lauderdale Community Redevelopment Agency. The project consists of the redevelopment of several pieces of City property from existing surface parking lots to a new multi-story parking garage; active park and plaza areas; and general open space to enhance the pedestrian and beachgoer experience in the Fort Lauderdale beach area. Las Olas Boulevard is being improved to provide a "Complete Streets" design to better connect the shops, restaurants, and other businesses with the new Oceanside Plaza on the south side of Las Olas Boulevard. Kimley-Horn is providing the initial site civil engineering design, roadway design, permitting coordination, stormwater, utility, franchise utility coordination, and other services.	<input checked="" type="checkbox"/> Check if project performed with current firm	
South Shore Boulevard Design Wellington, FL	PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) 2012
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer for the design of a two-lane divided roadway with curbed median and flush shoulders, including transitions required to transition from dual southbound lefts at the intersection of Lake Worth Road to a single lane. The transition construction included approximately 1,000 feet of widening on Lake Worth Road from the intersection of South Shore Boulevard. The project also included regulatory agency permitting with SFWMD, USACE, Palm Beach County Traffic Division (for signalization), and the Village of Wellington.	<input checked="" type="checkbox"/> Check if project performed with current firm	
SR A1A Streetscape Improvement Fort Lauderdale, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn is providing full civil engineering services for the redevelopment of the existing streetscape of State Road A1A Northbound from the South Beach Parking to Alhambra Street along Fort Lauderdale Beach. The project consists of improving the sidewalk on both sides of the street outside of the curbing in order to provide modern and cohesive look, a definitive delineation between the pedestrian zone and the outdoor restaurant café zone, and improve pedestrian experience while walking along the beach and to its businesses. The trees and light poles are being consolidated near the back of curb to open up the pedestrian zone and provide a clear walking path. Kimley-Horn is the prime consultant on the project, with a team of local subconsultants, and is responsible for providing the civil engineering, permitting, coordination, and other services for the complete project.	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jerry Piccolo, P.E.	13. ROLE IN THIS CONTRACT Structural	14. YEARS EXPERIENCE	
		a. TOTAL 6	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., West Palm Beach, FL			
16. EDUCATION (Degree and Specialization) Master of Engineering / Civil Engineering Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) FL / Engineering Intern FL / Professional Engineer/#80484/1-20-16	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
a.	(1) TITLE AND LOCATION (City and State) Lowson Boulevard Pedestrian Bridges Delray Beach, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager. Kimley-Horn was retained by Delray Beach to complete a set of construction plans for two pedestrian bridges for the proposed Lowson Blvd. pedestrian bridge over Lake Worth Drainage District's (LWDD) E-4 Canal. The bridges will be on either side of the canal. The bridge is part of the bicycle lane addition for Lowson Blvd. The project also includes the preparation of a Type 1 Categorical Exclusion environmental document with permitting and coordination with LWDD and the US Army Corps of Engineers.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) Lowson Boulevard Improvements Initial Report Delray Beach, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn was selected by the City of Delray Beach to provide professional engineering services to assist with the initial design of the roadway improvements to Lowson Boulevard between Military Trail and S.E. 6th Avenue. The project includes bicycle lands and other improvements to a 3.5-mile segment of the roadway. The project is partially funded through the FDOT LAP program.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) Federal Highway (US 1) Enhancements, Delray Beach CRA	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer for a multi-phased project that included a study and conceptual design, temporary implementation of the design for a trial period and final design of the permanent improvements. This project included the reconfiguration of the two one-way segments of US 1 from three lanes to two. Kimley-Horn evaluated potential changes to the lane configuration along southbound and northbound segments of US 1. We developed alternatives, forecasted future traffic volumes for review with the City and the CRA, and led several public involvement workshops. Temporary improvements were installed to study the real-world effects of fewer and narrower lanes before the ultimate improvements were constructed.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) Wiles Road Design from Riverside Drive to Rock Island Road Coral Springs, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Structural engineer for complete contract plans for the widening of Wiles Road to a 6-lane divided urban arterial from Riverside Drive to Rock Island Road. One of the major accomplishments of this segment's design was to work with all stakeholders to avoid issues related to private property impacts given the narrow corridor and proximity of private features. Another major accomplishment was an innovative drainage solution that added new outfalls through City owned property to an existing undersized drainage system to avoid reconstructing the entire Wiles Road system.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State) Glades Road and Butts Road Intersection Improvements Boca Raton, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Kimley-Horn is designing of a signal replacement and second southbound turn lane on Butts Road at the intersection of SR 808/Glades Road as part of our countywide miscellaneous services contract for Palm Beach County. Kimley-Horn's services included signal plans and design to replace the existing mast-arm assembly, signing and pavement marking plans, roadway and intersection design, drainage design, and environmental permitting with South Florida Water Management District and Lake Worth Drainage District.	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Adam Kerr, P.E.	13. ROLE IN THIS CONTRACT Transportation/Complete Streets	14. YEARS EXPERIENCE	
		a. TOTAL 16	b. WITH CURRENT FIRM 16
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., West Palm Beach, FL			
16. EDUCATION (Degree and Specialization) Bachelor of Science / Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) FL / Professional Engineer/#64773/7-12-06	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Congress for the New Urbanism, President- Palm Beach Planning Congress			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
a.	(1) Federal Highway (US 1) Enhancements, Delray Beach CRA	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2016
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer for a multi-phased project that included a study and conceptual design, temporary implementation of the design for a trial period and final design of the permanent improvements. This project included the reconfiguration of the two one-way segments of US 1 from three lanes to two. Kimley-Horn evaluated potential changes to the lane configuration along southbound and northbound segments of US 1. We developed alternatives, forecasted future traffic volumes for review with the City and the CRA, and led several public involvement workshops. Temporary improvements were installed to study the real-world effects of fewer and narrower lanes before the ultimate improvements were constructed.		
b.	(1) Bicycle Lane Addition on NW 64th Avenue from Sunset Strip to Oakland Park Boulevard - Sunrise, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. The City of Sunrise applied for a \$927,000 Transportation Alternatives Grant administered by the Florida Department of Transportation to construct bicycle lanes and street improvements on NW 64th Avenue from Sunset Strip to Oakland Park Boulevard. The City retained Kimley-Horn for design services for landscape, lighting, drainage, pedestrian and bicycle enhancements. This includes developing schematic design, design development, permitting, and construction documents. Additionally, Kimley-Horn environmental scientists will review natural, social, and physical resource data in the area and complete a Type 1 and Programmatic Categorical Exclusion (CE) checklist.		
c.	(1) Signal Design and Plans for Swinton Avenue and SE/SW 1st Street, Delray Beach, FL	PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager for design of a replacement mast-arm signal for the existing span-wire signal at this intersection. Our services included an initial study and report, preliminary design, and final design. Subsurface utility investigations were performed ensure no existing utilities were present. Our team also developed traffic signal plans for one mast-arm assembly per Palm Beach County requirements to serve the entire intersection. Video detection devices were also designed and installed.		
d.	(1) Boynton Beach Boulevard Design from East of I-95 to US 1 Boynton Beach, FL	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer providing design services for this multi-stage project in the City of Boynton Beach. The design improvements to the project area (east of I-95 to US-1) include landscape architecture enhancements and Complete Streets features. Design features include narrowed lanes and expanded sidewalks to encourage pedestrian mobility and landscape/hardscape upgrades within the corridor. Our services include roadway and landscape design; signing and marking; signal plans; lighting; traffic analysis; utility coordination; permitting assistance; and public involvement services.		
e.	(1) Lake Worth Neighborhood Road Program Year 1, Year 2, and Year 3	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer on the team that provided the City of Lake Worth with civil engineering services consisting of roadway design and drainage design. The effort focused mainly on pavement rehabilitation on roadways with the lowest pavement condition index. In addition to pavement rehabilitation, Kimley-Horn designed new catch basins, additional traffic calming measures, and ADA compliant sidewalk routes to provide continuity in the neighborhood. Tasks include data collection, utility coordination, development of construction documents, bidding assistance, and observation during construction. Lake Worth Neighborhood Road Program Year 3 is still in design.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Stewart Robertson, P.E.		13. ROLE IN THIS CONTRACT Transportation/Complete Streets		14. YEARS EXPERIENCE	
				a. TOTAL 17	b. WITH CURRENT FIRM 17
15. FIRM NAME AND LOCATION (City and State) Kimley-Horn and Associates, Inc., Plantation, FL					
16. EDUCATION (Degree and Specialization) Master of Science / Civil Engineering Bachelor of Science / Civil Engineering			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) FL / Professional Engineer/#63939/12-19-05		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers (ASCE), Association of Pedestrian and Bicycle Professionals, Institute of Transportation Engineers (ITE)					
19. RELEVANT PROJECTS					
a.	(1) TITLE AND LOCATION (City and State) Palm Beach TPA Complete Streets Design Guidelines		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2018	CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager for development of <i>Complete Streets Guidelines</i> to encourage the development of walkable, bikeable, and transit-friendly communities through an integrated approach to planning the County's transportation networks. The County's goal is to incorporate Complete Streets elements into all phases of roadway planning, design, construction, and maintenance. Deliverables include a <i>Complete Streets Design Guidelines</i> document that directs engineers and planners regarding how to plan and design Complete Streets elements into all types of transportation and land development projects. <i>Complete Streets Design Guidelines</i> also provide guidance regarding construction and maintenance practices that encourage walking, biking,		<input checked="" type="checkbox"/> Check if project performed with current firm		
b.	(1) TITLE AND LOCATION (City and State) Federal Highway (US 1) Interim and Final Enhancements, Delray Beach CRA, Delray Beach, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2016	CONSTRUCTION (If applicable) 2016	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer for a multi-phased project that included a study and conceptual design, temporary implementation of the design for a trial period and final design of the permanent improvements. This project included the reconfiguration of the two one-way segments of US 1 from three lanes to two. Kimley-Horn evaluated potential changes to the lane configuration along southbound and northbound segments of US 1. We developed alternatives, forecasted future traffic volumes for review with the City and the CRA, and led several public involvement workshops. Temporary improvements were installed to study the real-world effects of fewer and narrower lanes before the ultimate improvements were constructed.		<input checked="" type="checkbox"/> Check if project performed with current firm		
c.	(1) TITLE AND LOCATION (City and State) Broward Complete Streets Guidelines Broward County, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager for the Kimley-Horn team that prepared the Broward Complete Streets Guidelines for a partnership including the Broward Regional Health Planning Council (BRHPC) and the Broward Metropolitan Planning Organization (MPO). The guidelines were customized for local Broward jurisdictions and to reflect local conditions, Florida State Statutes, and Florida design criteria. Particular themes that were incorporated into the Guidelines include public health, smart growth, transportation equity, sustainability, placemaking, safety, and age-in-place.		<input checked="" type="checkbox"/> Check if project performed with current firm		
d.	(1) TITLE AND LOCATION (City and State) Miami-Dade County Complete Streets Design Guidelines		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project manager for the Kimley-Horn team that prepared the Miami-Dade Complete Streets Design Guidelines, which is the unifying design document for local governments in Miami-Dade County to be able to identify and incorporate Complete Streets elements into road projects. Collaborated with local government staff to identify and incorporate key principles into the documentation – Safety, Health, Modal Equality, Context Sensitivity, and Sustainability. Preferred and minimum widths and dimensions were established for key street design elements including sidewalks, furnishing/landscaping zones, frontage zones, bicycle facilities, transit lanes, general purpose travel lanes, turn lanes, and medians.		<input checked="" type="checkbox"/> Check if project performed with current firm		
e.	(1) TITLE AND LOCATION (City and State) SR A1A Streetscape Improvements Fort Lauderdale, FL		(2) YEAR COMPLETED		
			PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project engineer. Kimley-Horn is providing full civil engineering services for the redevelopment of the existing streetscape of State Road A1A Northbound from the South Beach Parking to Alhambra Street along Fort Lauderdale Beach. The project consists of improving the sidewalk on both sides of the street outside of the curbing in order to provide modern and cohesive look, a definitive delineation between the pedestrian zone and the outdoor restaurant café zone, and improve pedestrian experience while walking along the beach and to its businesses. The trees and light poles are being consolidated near the back of curb to open up the pedestrian zone and provide a clear walking path.		<input checked="" type="checkbox"/> Check if project performed with current firm		



Lowson Boulevard

Roadway Improvements

6: Example 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)

Lowson Boulevard Improvements Initial Report
Delray Beach, FL

22. YEAR COMPLETED

 PROFESSIONAL SERVICES
Ongoing

CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Delray Beach

b. POINT OF CONTACT NAME

Isaac Kovner

c. POINT OF CONTACT TELEPHONE NUMBER

561-243-7341

kovner@mydelraybeach.com

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

Kimley-Horn was selected by the City of Delray Beach to provide professional engineering services to prepare the initial design of the roadway improvements up to 30% complete plans to Lowson Boulevard between Military Trail and S.E. 6th Avenue. This phase is expedited in order to meet the FDOT LAP schedule deadlines to avoid any risk to the \$4.4 million grant. The project includes bicycle lanes, sidewalks and other improvements to a 3.5-mile segment of the roadway. The project is funded through the FDOT LAP program. The design and plans will be completed under another City work authorization.

Total Contract Value: \$182,333
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Kimley-Horn	(2) FIRM LOCATION (City and State) Delray Beach, FL	(3) ROLE Prime
b.	(1) FIRM NAME Kimley-Horn	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Prime
c.	(1) FIRM NAME HSQ Group	(2) FIRM LOCATION (City and State) Boca Raton, FL	(3) ROLE Subconsultant
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE

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**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)

**Lowson Boulevard Pedestrian Bridges
Delray Beach, FL**

22. YEAR COMPLETED

PROFESSIONAL SERVICES
Ongoing

CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Delray Beach

b. POINT OF CONTACT NAME

Isaac Kovner

c. POINT OF CONTACT TELEPHONE NUMBER

561-243-7341

kovner@mydelraybeach.com

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

Kimley-Horn was retained by Delray Beach to complete a set of final engineering and construction plans for two pedestrian bridges for the proposed Lowson Blvd. pedestrian bridge over Lake Worth Drainage District's (LWDD) E-4 Canal. This task was authorized ahead of the rest of this LAP project to ensure the canal crossing can be achieved within the project budget. The bridges will be on either side of the canal. The bridge is part of the bicycle lane addition for Lowson Blvd. The project also includes the preparation of a Type 1 Categorical Exclusion environmental document with permitting and coordination with LWDD and the US. Army Corps of Engineers and a Cultural Resources Assessment Study (CRAS). The project plans will be combined with the corridor roadway plans to be bid as one LAP project.

Total Contract Value: \$89,250

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Kimley-Horn	(2) FIRM LOCATION (City and State) Delray Beach, FL	(3) ROLE Prime
b.	(1) FIRM NAME Kimley-Horn	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Prime
b.	(1) FIRM NAME Kimley-Horn	(2) FIRM LOCATION (City and State) Vero Beach, FL	(3) ROLE Prime
d.	(1) FIRM NAME HSQ Group	(2) FIRM LOCATION (City and State) Boca Raton, FL	(3) ROLE Subconsultant

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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)

**Federal Highway Enhancements
Delray Beach, FL**

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2016

CONSTRUCTION (If applicable)
2016

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of West Palm Beach

b. POINT OF CONTACT NAME

Jeff Costello, AICP, FRA-RA

c. POINT OF CONTACT TELEPHONE NUMBER

561.276.8640

costelloj@mydelraybeach.com

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

Kimley-Horn was retained by the City of Delray Beach and the the CRA for the design of permanent improvements to reduce north and southbound US 1 to two lanes each way and provide on-street parking on both avenues. The project included landscaping beautification and decorative, environmentally sensitive street lighting; irrigation design; bicycle lanes; and a new sense of continuity with the Downtown area with pavers and decorative crosswalks. It also included extensive milling, resurfacing, storm sewer modifications, signing and pavement marking, signals and utility relocation.

2016 Roy F. Kenzie Award — Best Transportation and Transit Enhancements – Florida Redevelopment Association

Total Contract Value: \$1,281,966

Construction Cost: \$13 Million


25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Kimley-Horn	(2) FIRM LOCATION (City and State) Delray Beach, FL	(3) ROLE Prime
b.	(1) FIRM NAME Kimley-Horn	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Prime
c.	(1) FIRM NAME Kimley-Horn	(2) FIRM LOCATION (City and State) Plantation, FL	(3) ROLE Prime
d.	(1) FIRM NAME Tierra South Florida	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Subconsultant

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)

5th Avenue South Trail
Lake Worth, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2018

CONSTRUCTION (If applicable)
2018

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Lake Worth CRA

b. POINT OF CONTACT NAME

Chris Dabros

c. POINT OF CONTACT TELEPHONE NUMBER

561.493.2550

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

Kimley-Horn provided services to improve pedestrian and bicycle access for a multiuse path on 5th Avenue South and introduced bike lanes on B and E streets between Lake Avenue South and 6th Avenue South through milling and resurfacing of the existing pavement to accommodate bike lanes and on-street parking. Our scope included final engineering design for paving, grading, landscape, hardscape, irrigation, raised pedestrian crossings with in-roadway warning lights, signage, and striping for the project. The project was LAP funded by FDOT and followed LAP guidelines.

Total Contract Value: 175,685


25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Kimley-Horn and Associates, Inc.	West Palm Beach, FL	Prime

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)

**Tamarind Avenue Streetscape
West Palm Beach, FL**

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2014

CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of West Palm Beach

b. POINT OF CONTACT NAME

Khanh Uyen Dang, P.E.

c. POINT OF CONTACT TELEPHONE NUMBER

561.494.1116

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

Kimley-Horn was selected by the City of West Palm Beach to design infrastructure improvements along the Tamarind Avenue Corridor between Palm Beach Lakes Boulevard and 25th Street. The improvements included a new 30-inch water main to improve system flow and pressure to the north end of the City, new fire hydrants in the surrounding community to increase fire protection, new sanitary sewer gravity mains to reduce inflow and infiltration and repair damaged facilities, and stormwater system improvements to alleviate system flooding that occurs during significant storm events. This LAP project was designed through an extremely tight urban corridor and coordinated closely with a future streetscape project for the same area.

Total Contract Value: \$80,681

Construction Cost: \$816,000


25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Kimley-Horn and Associates, Inc.	West Palm Beach, FL	Prime

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)

**Bicycle Lane Addition on NW 64th Avenue
Sunrise, FL**

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2018

CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER
City of Sunrise

b. POINT OF CONTACT NAME
Meghan Kaufold, R.A.

c. POINT OF CONTACT TELEPHONE NUMBER
954.888.6070
mkaufold@sunrisefl.gov

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

The City of Sunrise applied for a \$927,000 Transportation Alternatives Grant administered by the Florida Department of Transportation to construct bicycle lanes and street improvements on NW 64th Avenue from Sunset Strip to Oakland Park Boulevard. The City retained Kimley-Horn for design services for landscape, lighting, drainage, pedestrian and bicycle enhancements. This includes developing schematic design, design development, permitting, and construction documents. Additionally, Kimley-Horn environmental scientists will review natural, social, and physical resource data in the area and complete a Type 1 and Programmatic Categorical Exclusion (CE) checklist.

The project will be funded under FDOT's LAP program, so Kimley-Horn will provide LAP coordination assistance. The City anticipates a \$2.5 million construction budget.

Total Contract Value: \$225,500

Construction Cost: \$2,500,000 (anticipated)



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Prime
b.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime
c.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) Vero Beach, FL	(3) ROLE Prime
d.	(1) FIRM NAME Tierra South Florida	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Subconsultant

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)

15th Street Streetscape
West Palm Beach, FL

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2015

CONSTRUCTION (If applicable)
2015

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of West Palm Beach

b. POINT OF CONTACT NAME

Khanh Uyen Dang, P.E.

c. POINT OF CONTACT TELEPHONE NUMBER

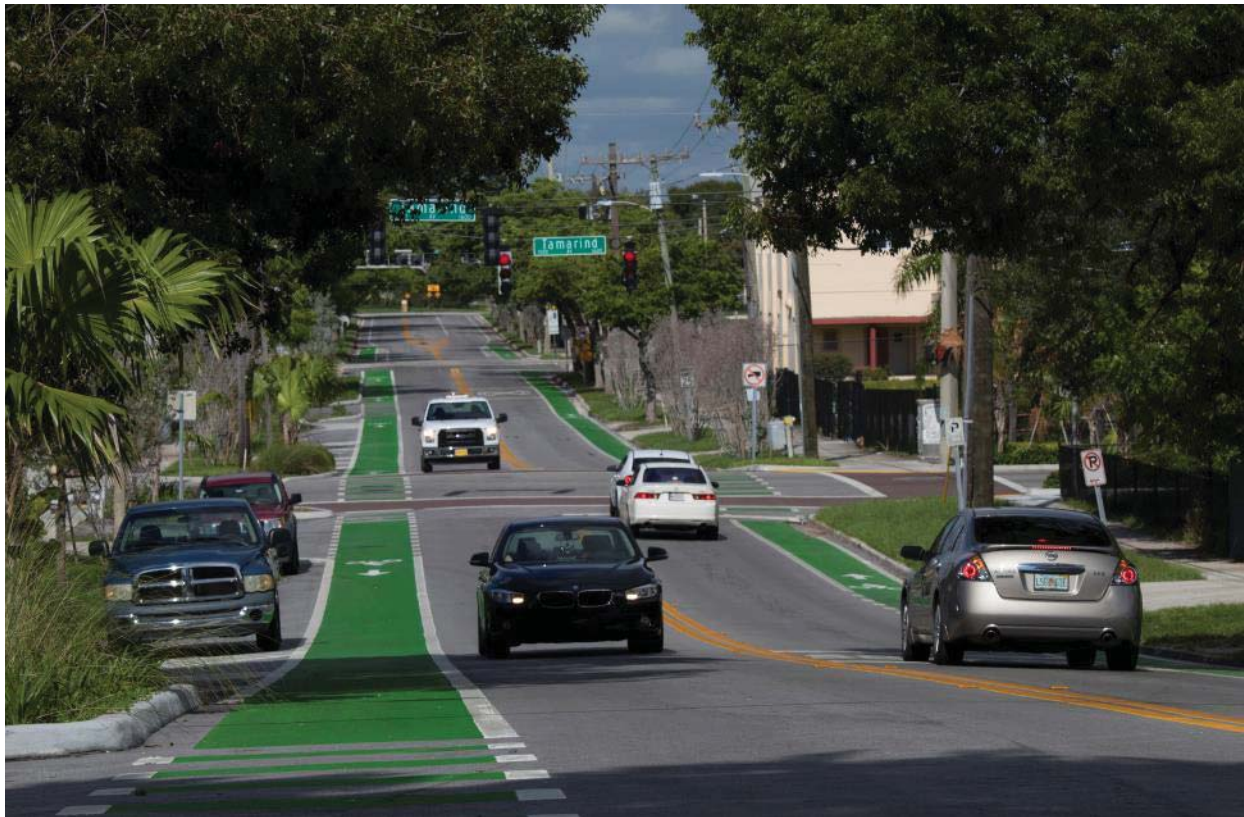
561.494.1116

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

An existing east-west connecting street south of downtown West Palm Beach, 15th Street is designed with a full complement of streetscape elements, such as dedicated green bike lanes, improved accessibility with updated ramps and crosswalks, and new landscaping. The street's landscape features new bulb-out islands to help better define and organize parking as well as act as percolating bioswales that will take in stormwater from the existing gutter to water the Florida Friendly plantings. This project was constructed using federal transportation enhancement funds with matching funding provided by the City of West Palm Beach, administered under FDOT's Local Agency Program (LAP). This is the first project in West Palm Beach incorporating green-colored bike lanes.

Total Contract Value: \$124

Construction Cost: \$1,206,000


25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Kimley-Horn	Delray Beach, FL	Prime
b.	Kimley-Horn	West Palm Beach, FL	Prime

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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)*

Martin Luther King, Jr. (MLK) Drive Beautification, Phases 1 & 2
Delray Beach, FL

22. YEAR COMPLETED

 PROFESSIONAL SERVICES
2017

 CONSTRUCTION *(If applicable)*
2017

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Delray Beach CRA

b. POINT OF CONTACT NAME

Jeff Costello, AICP, FRA-RA

c. POINT OF CONTACT TELEPHONE NUMBER

561.276.8640

costelloj@mydelraybeach.com

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

For Phase 1, Kimley-Horn provided landscape architecture, master planning, public involvement, lighting, and hardscape design services for the entire length of Martin Luther King, Jr. (MLK) Drive in Delray Beach. This 1.5-mile corridor incorporates MLK commemorative design elements placed in the right-of-way. The design features the continuation of an existing sidewalk network; decorative lighting; right-of-way plantings with flowering trees, palms, and other landscaping; and two pocket parks. The master plan also addressed prioritization and phasing of the proposed improvements with respect to budget.

For Phase 2, Kimley-Horn provided additional enhancements, including curbed landscaped areas, sidewalk, ADA ramp improvements, guardrail, decorative concrete pavers and inlays, and irrigation for newly landscaped areas. For both phases, our team coordinated closely with a committee of community representatives to identify community assets and to solicit their ideas and preferences for incorporation into the design.

Total Contract Value: \$200,000
Construction Cost: \$845,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
	Kimley-Horn and Associates, Inc.	West Palm Beach, FL	Prime
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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)

NE 3rd Avenue and Artists Alley Improvements
Delray Beach, FL

22. YEAR COMPLETED

 PROFESSIONAL SERVICES
2013

CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Delray Beach

b. POINT OF CONTACT NAME

Jeff Costello, AICP, FRA-RA

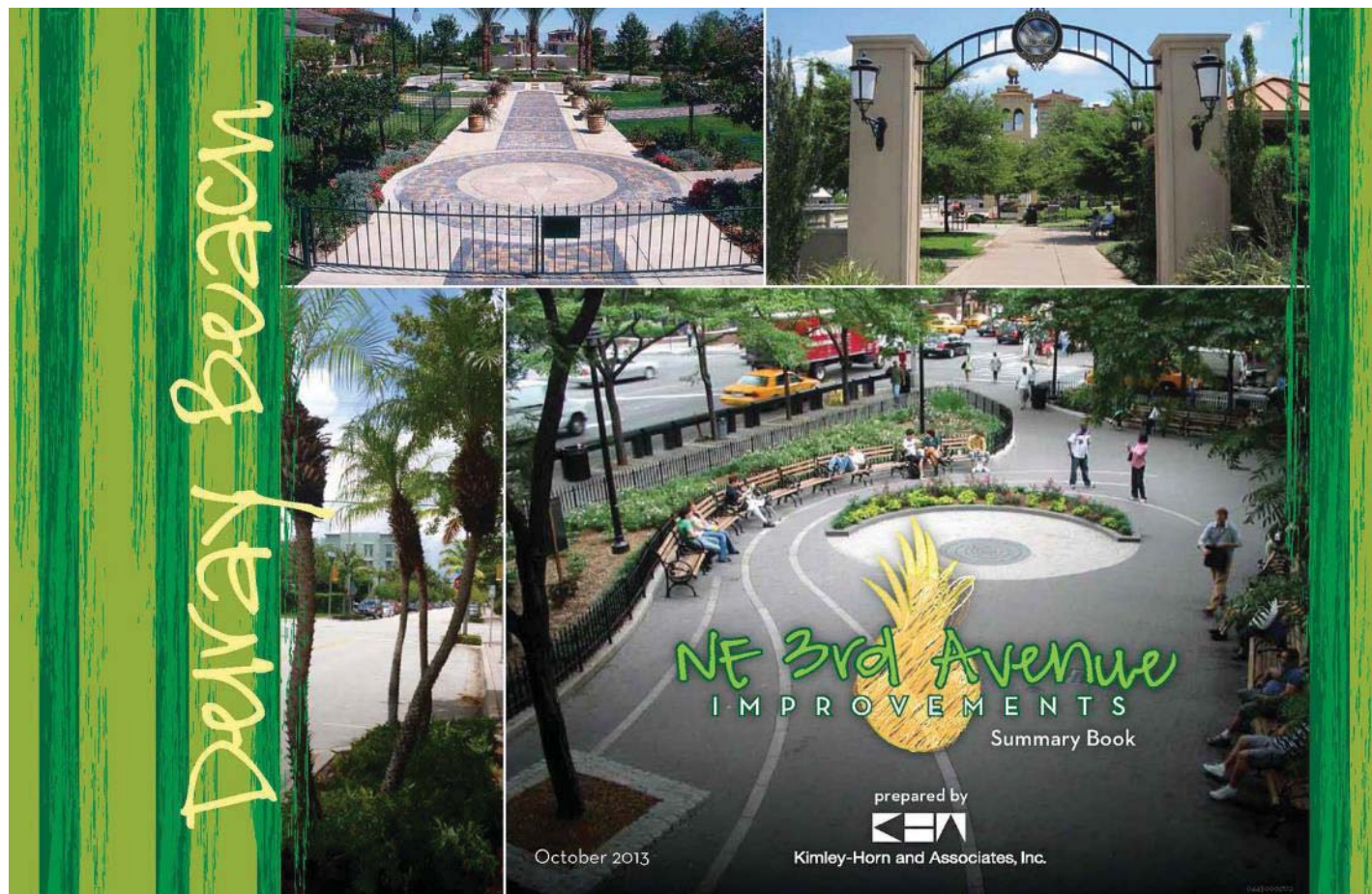
c. POINT OF CONTACT TELEPHONE NUMBER

561.276.8640

costelloj@mydelraybeach.com

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

The project included redevelopment of NE 3rd Avenue and the adjacent Artists Alley. In the study phase of the project, Kimley-Horn was tasked with developing the concept for the reconstruction and redevelopment of the street and the alley, which involved a number of stakeholder meetings and coordination with the arts community to develop a unified vision. Kimley-Horn assessed existing conditions and developed alternative concepts that were presented to the public. Kimley-Horn's planners, landscape architects, and engineers collaborated closely with City and CRA staff to develop presentations for the public meeting and address public comments.

Total Contract Value: \$54,773

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Kimley-Horn and Associates, Inc.	West Palm Beach, FL	Prime

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)

**SR A1A Streetscape and LAP-funded Lighting
Fort Lauderdale**

22. YEAR COMPLETED

PROFESSIONAL SERVICES
Ongoing

CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

City of Fort Lauderdale

b. POINT OF CONTACT NAME

Tom Green, P.E.

c. POINT OF CONTACT TELEPHONE NUMBER

954.828.4008

TGreen@fortlauderdale.gov

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

This project involves the redevelopment of the existing streetscape of State Road A1A Northbound from the South Beach Parking to Alhambra Street along Fort Lauderdale Beach. The project aims to enhance the beach area brand by improving the sidewalk on both sides of the street to provide modern and cohesive look, a definitive delineation between the pedestrian zone and the outdoor restaurant café zone and improve pedestrian experience while walking along the beach and to its businesses. The design includes a flush, curb-less intersection at the major pedestrian crossing area of A1A and Las Olas Blvd. The trees and light poles are being consolidated near the back of curb to open the pedestrian zone and provide a clear walking path. The project enhances safety by use of bollards and surveillance systems. Kimley-Horn is the prime consultant on the project, with a team of local subconsultants.

After design started, FDOT provided LAP funding to extend the limits of the street lighting along the corridor.

Total Contract Value: \$884,047

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Prime
b.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) Fort Lauderdale, FL	(3) ROLE Prime
c.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) Delray Beach, FL	(3) ROLE Prime
d.	(1) FIRM NAME Kimley-Horn and Associates, Inc.	(2) FIRM LOCATION (City and State) Vero Beach, FL	(3) ROLE Prime
e.	(1) FIRM NAME Tierra South Florida	(2) FIRM LOCATION (City and State) West Palm Beach, FL	(3) ROLE Subconsultant

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
Marwan Mufleh, P.E.	Project Manager	X	X	X	X				X	X	X
Mike Schwartz, P.E.	Principal-in-Charge										
Jim Sumislaski, P.E.	Quality Assurance/Quality Control			X	X						X
Sean Bukovich, P.E.	Civil Engineering / Roadway		X	X	X					X	X
Juliana Beale, P.E., LEED AP	Civil Engineering / Roadway										X
Brandon Kern, E.I.	Civil Engineering / Roadway		X								
Leonte Almonte, P.E.	Civil Engineering / Roadway			X							
Gabriela Ramirez, P.E.	Civil Engineering / Roadway										
Mike Spruce, P.E.	Stormwater										
Jason Webber, P.E.	Stormwater										X
Stefano Viola, P.E.	Stormwater						X				
Jerry Piccolo, P.E.	Structural	X	X	X							
Angelina Fairchild, P.E., LEED AP	Structural								X		
Marisa Gedeon, P.E.	Structural										
Adam Kerr, P.E.	Transportation/Complete Streets			X			X				
Stewart Robertson, P.E.	Transportation/Complete Streets			X							X
Stephani Kinlen, P.E.	Transportation/Complete Streets										
Jonathan Haigh, PLA, ASLA	Landscape Architecture			X	X	X	X	X	X	X	X
Tricia Richter, PLA, ASLA	Landscape Architecture				X	X	X	X	X		
Lynn Kiefer	Environmental		X	X	X	X	X	X			
Tori Bacheler	Environmental						X				
Shelby Oenbrink, WPIT	Environmental										X
Sam Graybill, P.E.	Utility Coordination										
Kara Mulholland, E.I.	Utility Coordination										X
Rob Conklin	Utility Coordination	X			X						X
Lisa Stone, P.E.	Community Outreach										
Lori D'Amico	Community Outreach		X		X						
HSQ Group, Inc.	Surveying Subconsultant	X	X								
Craig A. Smith & Associates	Surveying Subconsultant										
Tierra South Florida	Geotechnical Subconsultant		X	X			X				X
Shenandoah Construction	Video Inspection Subconsultant										

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (From Section F)	NO.	TITLE OF EXAMPLE PROJECT (From Section F)
1	Lowson Boulevard Improvements Initial Report	6	Bicycle Lane Addition on NW 64th Avenue, Sunrise
2	Lowson Boulevard Pedestrian Bridges, Delray Beach	7	15 th Street Streetscape, West Palm Beach
3	Federal Highway Enhancements, Delray Beach	8	Martin Luther King, Jr. (MLK) Drive Beautification, Phases 1 & 2, Delray Beach
4	5 th Avenue South Trail, Lake Worth	9	NE 3 rd Avenue and Artists Alley Improvements, Delray Beach
5	Tamarind Avenue Streetscape, West Palm Beach	10	SR A1A Streetscape and LAP-funded Lighting, Fort Lauderdale



Lowson Boulevard

Roadway
Improvements

7: Organizational Structure

ARCHITECT – ENGINEER QUALIFICATIONS

PART I – CONTRACT SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

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

Delray Beach Lowson Blvd. Roadway Improvements

2. PUBLIC NOTICE DATE

3. SOLICITATION OR PROJECT NUMBER

B. ARCHITECT - ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Marwan H. Mufleh, Project Manager / Highway Design

5. NAME OF FIRM

Kimley-Horn and Associates, Inc.

6. TELEPHONE NUMBER

561.845.0665

7. FAX NUMBER

8. E-MAIL ADDRESS

Marwan.Mufleh@kimley-horn.com

C. PROPOSED TEAM

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

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCONTRACTOR			
a.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1615 S. Congress Ave., Suite 201 Delray Beach, FL 33445	(Prime) Roadway/Civil Engineering; Stormwater; Transportation/Complete Streets
b.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	655 North Franklin Street, Suite 150 Tampa, FL 33602-4447	(Prime) Quality Assurance/Quality Control
c.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	1920 Wekiva Way, Suite 200 West Palm Beach, FL 33411	(Prime) Project Management; Roadway/Civil Engineering; Stormwater; Structural; Transportation/Complete Streets; Landscape Architecture
d.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	355 Alhambra Circle, Suite 1400 Coral Gables, FL 33134	(Prime) Roadway/Civil Engineering
e.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	600 North Pine Island Road, Suite 450 Plantation, FL 33324	(Prime) Transportation/Complete Streets; Stormwater
f.	<input checked="" type="checkbox"/>			Kimley-Horn and Associates, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	445 24th Street, Suite 200 Vero Beach, FL 32960-5169	(Prime) Environmental

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

[X] (Attached)

C. PROPOSED TEAM

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

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCONTRACTOR			
g.			X	HSQ Group <input type="checkbox"/> CHECK IF BRANCH OFFICE	1489 West Palmetto Park Road Boca Raton, FL 33486 United States	Survey and Mapping
h.			X	Craig A. Smith and Associates, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	21045 Commercial Trail Boca Raton, FL 33486	Survey and Mapping
i.			X	Tierra South Florida, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	2765 Vista Parkway Suite 9 West Palm Beach, FL 33411 United States	Geotechnical
j.			X	Shenandoah Construction <input type="checkbox"/> CHECK IF BRANCH OFFICE	1888 NW 22nd Street, Pompano Beach, FL 33069	Video Inspection
k.				CHECK IF BRANCH OFFICE		
l.				CHECK IF BRANCH OFFICE		
m.				CHECK IF BRANCH OFFICE		
n.				CHECK IF BRANCH OFFICE		
o.				CHECK IF BRANCH OFFICE		
p.				CHECK IF BRANCH OFFICE		



Lowson Boulevard

Roadway Improvements

**Principal-in-Charge**

Mike Schwartz, P.E.

Project Manager

Marwan Mufleh, P.E.

Quality Assurance/Quality Control

Jim Sumislaski, P.E.

Roadway/Civil Engineering**Sean Bukovich, P.E.**Juliana Beale, P.E., LEED AP
Brandon Kern, E.I.
Leonte Almonte, P.E.
Gabriela Ramirez, P.E.**Stormwater****Mike Spruce, P.E.****Jason Webber, P.E.**
Stefano Viola, P.E.
Sam Graybill, P.E.**Structural****Jerry Piccolo, P.E.**Angelina Fairchild, P.E., LEED AP
Marisa Gedeon, P.E.**Transportation/Complete Streets****Adam Kerr, P.E.****Stewart Robertson, P.E.**
Stephanie Kinlen, P.E.**Landscape Architecture**Jonathan Haigh, PLA, ASLA
Tricia Richter, PLA, ASLA**Environmental Services**Lynn Kiefer
Tori Bacheiler
Shelby Oenbrink, WPIT**Utility Coordination**Sam Graybill, P.E.
Kara Mulholland, E.I.
Rob Conklin**Community Outreach**Lisa Stone, P.E.
Lori D'Amico**Specialty Subconsultants**Survey and Mapping
HSQ Group, Inc.
Craig A. Smith & Associates
Geotechnical
Tierra South Florida, Inc.
Video Inspection
Shenandoah Construction****Key Personnel in Bold**

1. SOLICITATION NUMBER (If any)
RFQ No. 2019-013

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

2a. FIRM (or Branch Office) NAME Kimley-Horn and Associates, Inc.			3. YEAR ESTABLISHED 2007	6. UNIQUE ENTITY IDENTIFIER 061099131
2b. STREET 1615 S. Congress Ave., Suite 201			5. OWNERSHIP	
2c. CITY Delray Beach	2d. STATE FL	2e. ZIP CODE 33445	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Juliana Beale, P.E., LEED AP, Roadway/Civil Engineering			b. SMALL BUSINESS STATUS No	
6b. TELEPHONE NUMBER 561.330.2345		6c. E-MAIL ADDRESS Juliana.Beale@kimley-horn.com		
8a. FORMER FIRM NAME(S) (If any)			8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

10. PROFILE OF FIRM'S EXPERIENCE

ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

[illegible]

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
B02	Bridge Design	1
C08	Codes; Standards; Ordinances	1
C10	Commercial Building; (low rise); Shopping	5
C11	Community Facilities	2
C12	Communications Systems; TV; Microwave	1
E02	Educational Facilities; Classrooms	3
E09	Environmental Impact Studies, Assessments	1
E11	Environmental Planning	1
H01	Harbors; Jetties; Piers; Ship Terminal	1
H07	Highways; Streets; Airfield Paving; Parking	1
H09	Hospitals & Medical Facilities	5
H10	Hotels; Motels	2
H11	Housing (Residential, Multifamily,	4
L03	Landscape Architecture	2
O01	Office Building; Industrial Parks	2
P05	Planning (Community; Regional; Areawide &	1
P12	Power Generation, Transmission,	2
R03	Railroad and Rapid Transit	1
R04	Recreational Facilities (Parks; Marinas; etc.)	3
T03	Traffic & Transportation Engineering	1
U02	Urban Renewals; Community Development	3
W03	Water Supply; Treatment and Distribution	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	7
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

The foregoing is a statement of facts.

a. SIGNATURE 	d. DATE 1/9/19
c. NAME AND TITLE Marwan Mufleh, P.E., Vice President	

ARCHITECT – ENGINEER QUALIFICATIONS1. SOLICITATION NUMBER (If any)
RFQ No. 2019-013**PART II – GENERAL QUALIFICATIONS**

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

2a. FIRM (or Branch Office) NAME Kimley-Horn and Associates, Inc.			3. YEAR ESTABLISHED 1968	4. UNIQUE ENTITY IDENTIFIER 061099131
2b. STREET 1920 Wekiva Way, Suite 200			5. OWNERSHIP	
2c. CITY West Palm Beach			2d. STATE FL	2e. ZIP CODE 33411
6a. POINT OF CONTACT NAME AND TITLE Marwan Mufleh, P.E., Project Manager			a. TYPE Corporation	
6b. TELEPHONE NUMBER 561.845.0665			b. SMALL BUSINESS STATUS No	
6c. E-MAIL ADDRESS Marwan.Mufleh@kimley-horn.com			7. NAME OF FIRM (If block 2a is a branch office) APHC, Inc.	
8a. FORMER FIRM NAME(S) (If any)			8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees	
		(1) FIRM	(2) BRANCH
02	Administrative	261	30
08	CADD Technicians	104	3
12	Civil Engineers	1307	31
13	Communications Engineers	30	1
15	Construction Inspectors	12	2
63	Design Technicians	82	3
23	Environmental Engineers	16	1
26	Forensic Engineers	3	1
66	Graphic Designers	48	3
39	Landscape Architects	119	3
42	Mechanical Engineers	12	5
48	Project Managers	163	8
57	Structural Engineers	68	4
65	Technical Support	244	9
64	Technical Writers	115	9
58	Technician/Analysts	353	13
60	Transportation Engineers	303	6
62	Water Resources Engineers	48	2
	Other Employees	116	0
Total		3404	134

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; NavAids; Airport Lighting; Aircraft	5
A06	Airports; Terminals; & Hangars; Freight	4
B02	Bridge Design	3
C08	Codes; Standards; Ordinances	2
C10	Commercial Building; (low rise); Shopping	3
C12	Communications Systems; TV; Microwave	5
D04	Design-Build - Preparation of Requests for	4
E09	Environmental Impact Studies, Assessments	3
F05	Forensic Engineering	6
H07	Highways; Streets; Airfield Paving; Parking	7
L03	Landscape Architecture	2
O01	Office Building; Industrial Parks	2
P05	Planning (Community; Regional; Areawide &	2
R04	Recreational Facilities (Parks; Marinas; etc.)	2
R13	Roadway Design	2
S04	Sewage Collection, Treatment & Disposal	3
S07	Solid Wastes; Incineration; Landfill	2
S09	Structural Design; Special Structures	2
T03	Traffic & Transportation Engineering	6
U02	Urban Renewals; Community Development	1
W02	Water Resources; Hydrology; Ground Water	2
W03	Water Supply; Treatment and Distribution	5

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

a. Federal Work	3
b. Non-Federal Work	9
c. Total Work	9

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

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

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 1/9/19
---	-------------------

c. NAME AND TITLE
Marwan Mufleh, P.E., Vice President

1. SOLICITATION NUMBER (If any)
RFQ No. 2019-013

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

2a. FIRM (or Branch Office) NAME Kimley-Horn and Associates, Inc.			3. YEAR ESTABLISHED 1978	5. UNIQUE ENTITY IDENTIFIER 061099131
2b. STREET 655 North Franklin Street, Suite 150			5. OWNERSHIP	
2c. CITY Tampa	2d. STATE FL	2e. ZIP CODE 33602-4447	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Robert Joel, Quality Assurance/Quality Control			b. SMALL BUSINESS STATUS No	
6b. TELEPHONE NUMBER 813.620.1460			7. NAME OF FIRM (If block 2a is a branch office) APHC, Inc.	
6c. E-MAIL ADDRESS Robert.Joel@kimley-horn.com				
8a. FORMER FIRM NAME(S) (If any)			8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

10. PROFILE OF FIRM'S EXPERIENCE

ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS


EMPLOYMENT AND ANNUAL AVERAGE REVENUE FOR LAST 3 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	261	2	A05	Airports; Navaids; Airport Lighting; Aircraft	4
08	CADD Technicians	104	6	A06	Airports; Terminals; & Hangars; Freight	2
12	Civil Engineers	1307	18	B02	Bridge Design	1
63	Design Technicians	82	1	C08	Codes; Standards; Ordinances	2
23	Environmental Engineers	16	0	C10	Commercial Building; (low rise); Shopping	6
24	Environmental Scientists	29	2	C12	Communications Systems; TV; Microwave	5
30	Geologists	4	1	E11	Environmental Planning	2
47	Planners: Urban/Regional	76	2	F05	Forensic Engineering	2
48	Project Managers	163	2	H02	Hazardous Materials Handling and Storage	1
65	Technical Support	244	3	H07	Highways; Streets; Airfield Paving; Parking	2
58	Technician/Analysts	353	6	H09	Hospitals & Medical Facilities	1
				H11	Housing (Residential, Multifamily,	3
				L03	Landscape Architecture	2
				O01	Office Building; Industrial Parks	3
				P05	Planning (Community; Regional; Areawide &	1
				P06	Planning (Site, Installation and Project)	2
				R03	Railroad and Rapid Transit	3
				S04	Sewage Collection, Treatment & Disposal	4
				S07	Solid Wastes; Incineration; Landfill	2
				T03	Traffic & Transportation Engineering	5
				U02	Urban Renewals; Community Development	2
	Other Employees	765	0	W03	Water Supply; Treatment and Distribution	1
Total		3404	43			

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

a. Federal Work	1
b. Non-Federal Work	8
c. Total Work	8

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

The foregoing is a statement of facts.

a. SIGNATURE	c. DATE
	1/9/19
c. NAME AND TITLE	

Marwan Mufleh, P.E., Vice President

1. SOLICITATION NUMBER (If any)
RFQ No. 2019-013

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

2a. FIRM (or Branch Office) NAME Kimley-Horn and Associates, Inc.			3. YEAR ESTABLISHED 1995	7. UNIQUE ENTITY IDENTIFIER 061099131
2b. STREET 355 Alhambra Circle, Suite 1400			5. OWNERSHIP	
2c. CITY Coral Gables	2d. STATE FL	2e. ZIP CODE 33134	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Leonte Almonte, P.E., Roadway/Civil Engineering			b. SMALL BUSINESS STATUS No	
6b. TELEPHONE NUMBER 305.673.2025		6c. E-MAIL ADDRESS Leo.Almonte@kimley-horn.com	7. NAME OF FIRM (If block 2a is a branch office) APHC, Inc.	
8a. FORMER FIRM NAME(S) (If any)			8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

10. PROFILE OF FIRM'S EXPERIENCE

ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM (2) BRANCH
02	Administrative	261 3
08	CADD Technicians	104 3
12	Civil Engineers	1307 33
23	Environmental Engineers	16 1
39	Landscape Architects	119 5
48	Project Managers	163 2
65	Technical Support	244 6
58	Technician/Analysts	353 10
60	Transportation Engineers	303 4
	Other Employees	534 0
Total		3404 67

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


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

a. Federal Work	1
b. Non-Federal Work	8
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

The foregoing is a statement of facts.

a. SIGNATURE 	e. DATE 1/9/19
c. NAME AND TITLE Marwan Mufleh, P.E., Vice President	

1. SOLICITATION NUMBER (If any)
RFQ No. 2019-013

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

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

10. PROFILE OF FIRM'S EXPERIENCE

ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

[illegible]

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


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

a. Federal Work	1
b. Non-Federal Work	8
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

The foregoing is a statement of facts.

a. SIGNATURE	f. DATE
	1/9/19
c. NAME AND TITLE	
Marwan Mufleh, P.E., Vice President	

1. SOLICITATION NUMBER (If any)
RFQ No. 2019-013

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

2a. FIRM (or Branch Office) NAME Kimley-Horn and Associates, Inc.			3. YEAR ESTABLISHED 1987	9. UNIQUE ENTITY IDENTIFIER 061099131
2b. STREET 445 24th Street, Suite 200			5. OWNERSHIP	
2c. CITY Vero Beach	2d. STATE FL	2e. ZIP CODE 32960-5169	a. TYPE Corporation	
6a. POINT OF CONTACT NAME AND TITLE Lynn Kiefer, Environmental Sciences			b. SMALL BUSINESS STATUS No	
6b. TELEPHONE NUMBER 772.794.4100			7. NAME OF FIRM (If block 2a is a branch office) APHC, Inc.	
6c. E-MAIL ADDRESS Lynn.Kiefer@kimley-horn.com				
8a. FORMER FIRM NAME(S) (If any)			8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

10. PROFILE OF FIRM'S EXPERIENCE

ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM (2) BRANCH	
02	Administrative	261	9
08	CADD Technicians	104	6
12	Civil Engineers	1307	16
13	Communications Engineers	30	0
15	Construction Inspectors	12	1
63	Design Technicians	82	0
38	Land Surveyors	14	2
39	Landscape Architects	119	0
47	Planners: Urban/Regional	76	0
48	Project Managers	163	6
65	Technical Support	244	2
64	Technical Writers	115	0
58	Technician/Analysts	353	9
60	Transportation Engineers	303	1
	Other Employees	221	0
	Total	3404	52


a. Profile Code	b. Experience	c. Revenue Index Number (see below)
A05	Airports; Nav aids; Airport Lighting; Aircraft	1
A06	Airports; Terminals; & Hangars; Freight	1
C10	Commercial Building; (low rise); Shopping	7
C11	Community Facilities	1
C15	Construction Management	1
E10	Environmental and Natural Resource	1
E09	Environmental Impact Studies, Assessments	3
E11	Environmental Planning	2
H07	Highways; Streets; Airfield Paving; Parking	4
H09	Hospitals & Medical Facilities	2
H11	Housing (Residential, Multifamily,	4
L03	Landscape Architecture	1
O01	Office Building; Industrial Parks	1
R04	Recreational Facilities (Parks; Marinas, etc.)	1
R11	Rivers Canals; Waterways; Flood Control	1
S04	Sewage Collection, Treatment & Disposal	1
S09	Structural Design; Special Structures	1
S10	Surveying; Platting; Mapping; Flood Plain	2
T03	Traffic & Transportation Engineering	3
U02	Urban Renewals; Community Development	5
W02	Water Resources; Hydrology; Ground Water	1
W03	Water Supply; Treatment and Distribution	1

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

a. Federal Work	1
b. Non-Federal Work	8
c. Total Work	8

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

The foregoing is a statement of facts.

a. SIGNATURE 	g. DATE 1/9/19
c. NAME AND TITLE Marwan Mufleh, P.E., Vice President	



Lowson Boulevard Roadway Improvements

7: Organizational Chart

Team's Recent, Current, and Projected Workload

Our current workload projections for our Florida offices indicate continued growth yet show sufficient capacity to handle this contract for the City of Delray Beach. All individuals previously identified on the organization chart are full-time employees who are available and committed to fulfilling their assigned roles for this contract. We will provide a strong local presence, local staff, and experts with technical support to ensure all aspects of the project are covered. Based on current staffing levels and current workload being performed or expected annually, Kimley-Horn is immediately available to begin serving the City. Our core team members, including our subconsultants, are all located locally in South Florida. We are available by phone at any time and can be at City Hall within minutes. When you call us, Kimley-Horn will be ready.

Kimley-Horn team members assigned to the Lowson Boulevard Improvements project have the qualifications, resources, time, willingness and are committed to meet the budgets and schedules as required for any task assigned through this contract.

Our subconsultant team members HSQ Group, Inc., Craig A. Smith, Tierra South Florida, Inc., and Shenandoah Construction have also informed us that their assigned team members are fully available to provide services to the City of Delray Beach as required by this contract.

Kimley-Horn maintains an effective and accurate accounting of projected staff hours for up to a six-month period through a system we call "Cast-Aheads." ***We know our availability at any given moment, and because we have access to the resources of 15 offices in Florida (and more than 85 offices across the firm), we assure you we have the required staff and tools to meet critical deadlines for any task, at any time.*** Based on a review of our cast-aheads, we can assure you that the staff members selected for this team are available immediately to serve the City of Delray Beach NW Neighborhood Improvements project, and we are in an excellent position to handle the workload of any forthcoming assignment.

The table below illustrates the projected availability of our key staff to serve the City on this contract at notice to proceed:

Team Member	Project Role	Estimated Availability (%)
Marwan Mufleh, P.E.	Project Manager	70%
Sean Bukovich, P.E.	Civil Engineer	75%
Jason Webber, P.E.	Stormwater	70%
Mike Spruce, P.E.	Stormwater	70%
Adam Kerr, P.E.	Transportation/Complete Streets	65%
Stewart Robertson, P.E.	Transportation/Complete Streets	65%
Jerry Piccolo, P.E.	Structural Engineering	60%



Lowson Boulevard

Roadway Improvements

8: Attachments

City of Delray Beach

RFQ No. 2019-013

Project No. 17-009

Professional Engineering & Design Services for the Lowson Boulevard Roadway Improvements

ACKNOWLEDGEMENT OF ADDENDA

INSTRUCTIONS: COMPLETE PART I OR PART II, WHICHEVER APPLIES

PART I:

List below the dates of issue for each addendum received in connection with this Solicitation:

Addendum #1, Dated _____

Addendum #2, Dated _____

Addendum #3, Dated _____

Addendum #4, Dated _____

Addendum #5, Dated _____

Addendum #6, Dated _____

Addendum #7, Dated _____

Addendum #8, Dated _____

Addendum #9, Dated _____

Addendum #10, Dated _____

PART II:☒ NO ADDENDUM WAS RECEIVED IN CONNECTION WITH THIS SOLICITATION

Kimley-Horn and Associates, Inc.

Firm Name

Signature

Marwan Mufleh, P.E., Senior Vice President

Name and Title (Print or Type)

1/9/2019

Date

City of Delray Beach

RFQ No. 2019-013

Project No. 17-009

Professional Engineering & Design Services for the Lowson Boulevard Roadway Improvements

PROPOSAL SUBMITTAL SIGNATURE PAGE

By signing this Proposal, the Proposer certifies that it satisfies all legal requirements as an entity to do business with the City, including all Conflict of Interest and Code of Ethics provisions.

Firm Name:

Kimley-Horn and Associates, inc.

Street Address:

1615 South Congress Avenue, Suite 201, Delray Beach. FL 33445

Mailing Address (if different from Street Address):

1615 South Congress Avenue, Suite 201, Delray Beach. FL 33445

Telephone Number(s): 561.845.0665

Fax Number(s): 561.863.8175

Email Address: marwan.mufleh@kimley-horn.com

Federal Employer Identification Number: 56-0885615

Prompt Payment Terms: % days' net days

Signature: 

(Signature of authorized agent)

Print Name: Marwan Mufleh, P.E.

Title: Senior Vice President

Date: 1/9/2019

By signing this document, the Proposer agrees to all terms and conditions of this Solicitation and the resulting contract/agreement.

THE EXECUTION OF THIS FORM CONSTITUTES THE UNEQUIVOCAL OFFER OF PROPOSER TO BE BOUND BY THE TERMS OF ITS PROPOSAL, FOR NOT LESS THAN 90 DAYS, AND THE PROPOSER'S UNEQUIVOCAL OFFER TO BE BOUND BY THE TERMS AND CONDITIONS SET FORTH IN THIS SOLICITATION. FAILURE TO SIGN THIS SOLICITATION WHERE INDICATED ABOVE, BY AN AUTHORIZED REPRESENTATIVE, SHALL RENDER THE PROPOSAL NON-RESPONSIVE. THE CITY MAY, HOWEVER, IN ITS SOLE DISCRETION, ACCEPT ANY PROPOSAL THAT INCLUDES AN EXECUTED DOCUMENT WHICH UNEQUIVOCALLY BINDS THE PROPOSER TO THE TERMS OF ITS PROPOSAL.

City of Delray Beach

RFQ No. 2019-013

Project No. 17-009

Professional Engineering & Design Services for the Lowson Boulevard Roadway Improvements

CONFLICT OF INTEREST DISCLOSURE FORM

The award of this contract is subject to the provisions of Chapter 112, *Florida Statutes*. All Proposers must disclose within their Proposal: the name of any officer, director, or agent who is also an employee of the City of Delray Beach.

Furthermore, all Proposers must disclose the name of any City employee who owns, directly or indirectly, an interest of more than five percent (5%) in the Proposer's firm or any of its branches.

The purpose of this disclosure form is to give the City the information needed to identify potential conflicts of interest for evaluation team members and other key personnel involved in the award of this contract.

The term "conflict of interest" refers to situations in which financial or other personal considerations may adversely affect, or have the appearance of adversely affecting, an employee's professional judgment in exercising any City duty or responsibility in administration, management, instruction, research, or other professional activities.

Please check one of the following statements and attach additional documentation if necessary:

- X To the best of our knowledge, the undersigned firm has no potential conflict of interest due to any other Cities, Counties, contracts, or property interest for this Proposal.
- The undersigned firm, by attachment to this form, submits information which may be a potential conflict of interest due to other Cities, Counties, contracts, or property interest for this Proposal.

Acknowledged by:

Kimley-Horn and Associates, Inc.

Firm Name



Signature

Marwan Mufleh, P.E., Senior Vice President

Name and Title (Print or Type)

1/9/2019

Date

City of Delray Beach

RFQ No. 2019-013

Project No. 17-009

Professional Engineering & Design Services for the Lowson Boulevard Roadway Improvements

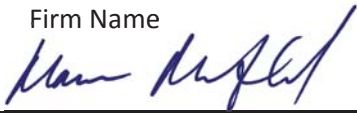
NOTIFICATION OF PUBLIC ENTITY CRIMES LAW

Pursuant to Section 287.133, *Florida Statutes*, you are hereby notified that a person or affiliate who has been placed on the convicted contractors list following a conviction for a public entity crime may not submit a Proposal on a contract to provide any goods or services to a public entity; may not submit a Proposal on a contract with a public entity for the construction or repair of a public building or public work; may not submit Proposals on leases or real property to a public entity; may not be awarded or perform work as a contractor, supplier, sub-Proposer, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017 [F.S.] for Category Two [\$35,000.00] for a period of thirty-six (36) months from the date of being placed on the convicted contractors list.

Acknowledged by:

Kimley-Horn and Associates, Inc.

Firm Name



Signature

Marwan Mufleh, P.E., Senior Vice President

Name and Title (Print or Type)

1/9/2019

Date

City of Delray Beach

RFQ No. 2019-013

Project No. 17-009

Professional Engineering & Design Services for the Lowson Boulevard Roadway Improvements

Notification of Public Records Law Pertaining to Public Contracts and Requests for Contractor Records Pursuant to Chapter 119, *Florida Statutes*

Pursuant to Chapter 119, *Florida Statutes*, Contractor shall comply with the public records law by keeping and maintaining public records required by the City of Delray Beach in order to perform the service. Upon request from the City of Delray Beach' custodian of public records, contract shall provide the City of Delray Beach with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, *Florida Statutes* or as otherwise provided by law. Contractor shall ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract. If the Contractor does not transfer the records to the City of Delray Beach. Contractor upon completion of the contract, shall transfer, at no cost, to the City of Delray Beach all public records in possession of the Contractor or keep and maintain public records required by the City of Delray Beach in order to perform the service. If the Contractor transfers all public records to the City of Delray Beach upon completion of the contract, the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public records upon completion of the contract, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City of Delray Beach, upon request from the City of Delray Beach' custodian of public records, in a format that is compatible with the information technology systems of the City of Delray Beach.

IF CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, *FLORIDA STATUTES*, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT OFFICE OF THE CITY CLERK LOCATED AT 100 NW 1ST STREET, DELRAY BEACH, FLORIDA 33444, PHONE NUMBER (561) 243-7000, EMAIL ADDRESS: JOHNSONK@MYDELRAYBEACH.COM.

Acknowledged:

Kimley-Horn and Associates, Inc.

Firm Name



Signature

Marwan Mufleh, P.E., Senior Vice President

Name and Title (Print or Type)

1/9/2019

Date

City of Delray Beach

RFQ No. 2019-013

Project No. 17-009

Professional Engineering & Design Services for the Lowson Boulevard Roadway Improvements

DRUG-FREE WORKPLACE

Kimley-Horn and Associates, inc.

_____ is a drug-free workplace and has

(Company Name)

a substance abuse policy in accordance with and pursuant to Section 440.102, *Florida Statutes*.

Acknowledged by:

Kimley-Horn and Associates, Inc.

Firm Name



Signature

Marwan Mufleh, P.E., Senior Vice President

Name and Title (Print or Type)

1/9/2019

Date

City of Delray Beach

RFQ No. 2019-013

Project No. 17-009

Professional Engineering & Design Services for the Lowson Boulevard Roadway Improvements

NON-COLLUSION AFFIDAVIT

STATE OF Florida
 COUNTY OF Orange

Before me, the undersigned authority, personally appeared Marwan Mufleh, P.E., who, after being by me first duly sworn, deposes and says of his/her personal knowledge that:

a. He/She is Senior Vice President of Kimley-Horn and Associates, Inc., the Proposer that has submitted a Proposal to perform work for the following:
 RFQ No.: 2019-013 Title: Professional Engineering & Design Services for the Lowson Boulevard Roadway Imp.

b. He/She is fully informed respecting the preparation and contents of the attached Request for Qualifications, and of all pertinent circumstances respecting such Solicitation.

Such Proposal is genuine and is not a collusive or sham Proposal.

c. Neither the said Proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly, with any other Proposer, firm, or person to submit a collusive or sham Proposal in connection with the Solicitation and contract for which the attached Proposal has been submitted or to refrain from proposing in connection with such Solicitation and contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer, firm, or person to fix the price or prices in the attached Proposal or any other Proposer, or to fix any overhead, profit, or cost element of the Proposal price or the Proposal price of any other Proposer, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against the City or any person interested in the proposed contract.

d. The price or prices quoted in the attached Proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the Proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

 Signature

Subscribed and sworn to (or affirmed) before me this 9th day of January 2019, by Marwan Mufleh, P.E., who is personally known to me or who has produced _____ as identification.

SEAL



Notary Signature Karla Cruz
 Notary Name: KARLA CRUZ
 Notary Public (State): FLORIDA
 My Commission No: GG 127677
 Expires on: 7/24/21

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City of Delray Beach

RFQ No. 2019-013

Project No. 17-009

Professional Engineering & Design Services for the Lowson Boulevard Roadway Improvements

TRUTH – IN – NEGOTIATION CERTIFICATE


The undersigned warrants (i) that it has not employed or retained any company or person, other than bona fide employees working solely for the undersigned, to solicit or secure the Agreement and (ii) that it has not paid or agreed to pay any person, company, corporation, individual, or firm other than its bona fide employees working solely for the undersigned or agreed to pay any fee, commission, percentage, gift, or any other consideration contingent upon or resulting from the award or making of the Agreement.

The undersigned certifies that the wage rates and other factual unit costs used to determine the compensation provided for in the Agreement are accurate, complete, and current as of the date of the Agreement.

Name: Marwan Mufleh, P.E.

Title: Senior Vice President

Date: 1/9/2019

Signature: 

Professional Engineering & Design Services for the Lowson Boulevard Roadway Improvements

**SECTION 11
SOLICITATION SUMMARY**

The City of Delray Beach
100 NW 1st Street
Delray Beach, FL 33444

PURCHASING DEPARTMENT**SOLICITATION SUMMARY****IMPORTANT NOTICE**

The information you provide on this page will be read aloud at the PUBLIC OPENING for this Solicitation. It is VERY IMPORTANT that the summary information you provide below is exactly the same information contained in your Proposal. If subsequent to the opening of Proposals, the City determines that the information contained in the electronic version of your Proposal is different from the information on this Solicitation Summary, the City reserves the right to deem your Proposal NON-RESPONSIVE and remove your Proposal from further evaluation and consideration for contract award.

PROPOSAL INFORMATION

Proposal Number: RFQ No. 2019-013

Title: Professional Engineering & Design Services for the Lowson Boulevard Roadway Improvements

Due Date and Time: January 10, 2019 by 2:00 p.m., ET

Name of Proposer: Kimley-Horn and Associates, Inc.

Address: 1615 South Congress Avenue, Suite 201, Delray Beach, FL 33445

Contact Person: Marwan Mufleh, P.E., Senior Vice President

Authorized Signature: 

Date: 1/9/2019

By signing and submitting this Solicitation Summary, the Proposer affirms that the information provided above is an exact and correct summary of the information contained in the electronic version of the Proposer's Proposal to the City of Delray Beach.

THIS SOLICITATION SUMMARY MUST BE SIGNED AND INCLUDED AS AN ORIGINAL HARDCOPY IN THE ENVELOPE CONTAINING YOUR PROPOSAL OR SIGNED AND UPLOADED WITH YOUR SECURE ELECTRONIC PROPOSAL SUBMITTAL THROUGH WWW.BIDSYNC.COM.

END OF SECTION 11



Lowson Boulevard Roadway Improvements

Exceptions

We at Kimley-Horn and Associates, Inc. are excited about the opportunity to serve Delray Beach again and to continue our history of successful partnering. However, in RFQ #2019-013, there are a few items to which we take exception, and that we ask the City to consider. The issues with which Kimley-Horn takes exception include the following.

10.25: Broad form indemnification. Request change to comply with FL Statutes.