



CITY OF FORT LAUDERDALE

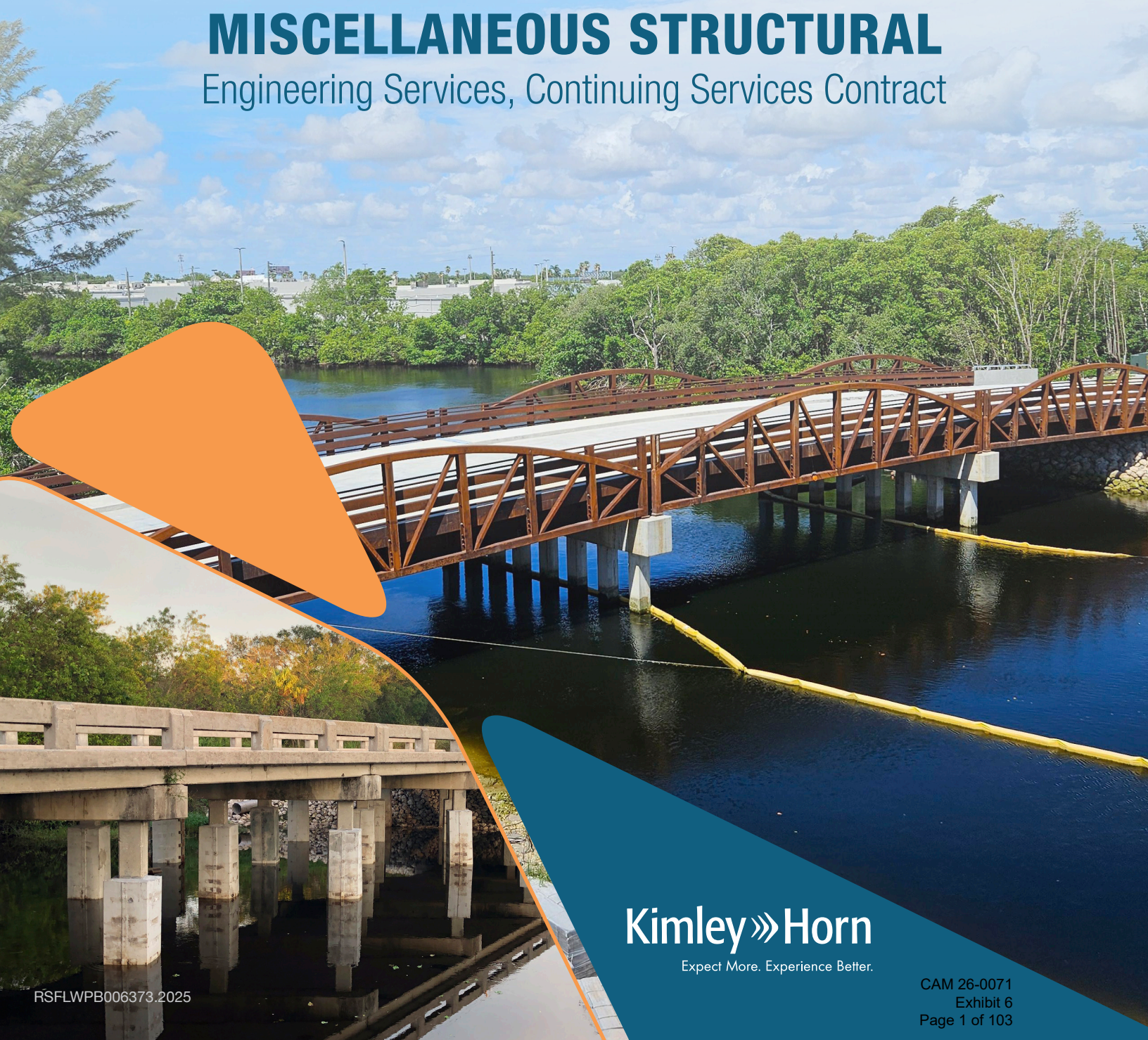
RFQ/Event# 423

# BRIDGE DESIGN

— AND —

## MISCELLANEOUS STRUCTURAL

Engineering Services, Continuing Services Contract



**Kimley»Horn**

Expect More. Experience Better.



# Tab 4.2.1

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## Tab 4.2.2

# EXECUTIVE SUMMARY



### 4.2.2. EXECUTIVE SUMMARY

March 27, 2025

**Yesenia Pascual, Senior Procurement Specialist**  
City of Fort Lauderdale  
Procurement Services Division  
101 NE 3rd Avenue, Suite 1650  
Fort Lauderdale, FL 33301

**Jerry Piccolo, PE, Project Manager**  
Kimley-Horn and Associates, Inc.  
11601 Kew Gardens Avenue  
Suite 200  
Palm Beach Gardens, FL 33410

### RE: RFQ/EVENT #423 – Bridge Design and Miscellaneous Structural Engineering Services, Continuing Services Contract

Dear Members of the Evaluation Committee:

**Kimley-Horn and Associates, Inc. (Kimley-Horn)** has assembled a robust, local team of structural and civil engineers and production professionals with extensive experience involving bridges and other various structure types to address your specific needs. Our team has a history of successfully delivering high-quality, on-call bridge and structural services to many local municipalities on a range of project sizes—from very small structural assessment tasks to large bridge replacement tasks. **This success is based on a combination of effective project management skills and technical expertise.**



#### LOCAL TEAM WITH A DEPTH OF RESOURCES.

As your project manager, I have 12 years of Florida-based experience working as a structural engineer on municipal and highway bridge design projects and bridge rehabilitation projects. I have managed and provided professional services on task work orders for various municipalities across South Florida and in the Treasure Coast, including the Riverwalk Boardwalk Rehabilitation, St. Lucie County Bridge Repairs, Memorial Island Bridge Replacement over Rio Mar Bay, Lighthouse Point Bridge Repairs, and the Sample Road and NE 31st Court Bridge Replacement projects. I will be responsible for all work production, scheduling, and project reviews and will serve as the main point of contact for the City. I will maintain a broad overview of ongoing projects and, from that perspective, be best able to direct staff project assignments. In addition, I'll provide regular oversight of the activities undertaken by the subconsultants selected for this team. All our services will be managed and completed from our Palm Beach Gardens office, located an hour from the City's offices, and our Fort Lauderdale office, just 20 minutes away. Our team is comprised of professionals who are experts not only in the scope of work outlined for this contract but also have been providing these services to other municipalities for years.



**HIGHLY QUALIFIED SUBCONSULTANTS.** Our teaming partners, **Cummins Cederberg, Inc.** will provide coastal bridge hydraulic modeling; **H2R Corp** will provide geotechnical services; **Janus Research** will assist with cultural resource assessment surveys; and **Keith and Associates, Inc.** will provide survey, SUE, and utility coordination. The team presented here has the depth and availability to work on this contract immediately. We are committed to functioning as “one firm” in order to seamlessly serve the City of Fort Lauderdale.

#### Business entity:

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

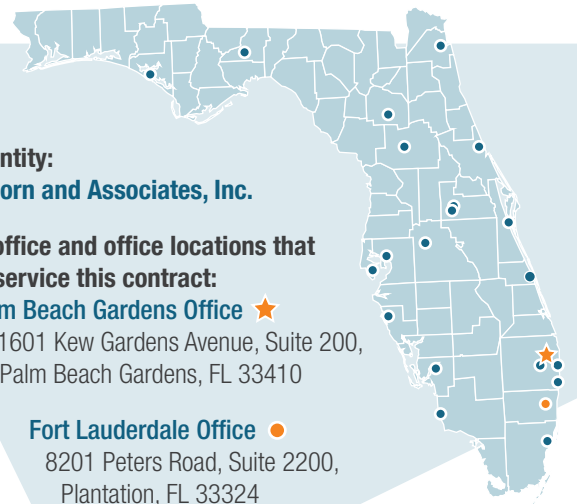
#### Main office and office locations that will service this contract:

##### **Palm Beach Gardens Office** ★

11601 Kew Gardens Avenue, Suite 200,  
Palm Beach Gardens, FL 33410

##### **Fort Lauderdale Office** ●

8201 Peters Road, Suite 2200,  
Plantation, FL 33324





# BRIDGE DESIGN

—AND—

## MISCELLANEOUS STRUCTURAL

Engineering Services, Continuing Services Contract



### KNOWLEDGE OF DESIGN CRITERIA, ABILITY, AND PAST

**PERFORMANCE.** Kimley-Horn has a proven track record of successfully delivering structural and civil projects within South Florida, the Treasure Coast, and in Saint Lucie County. Our team has a complete understanding of the local, state, and federal design criteria that could apply to assignments under this contract, including the FDOT Florida Design Manual, FDOT Structures Design Guideline, FDOT Bridge Load Rating Manual, AASHTO Manual for Bridge Evaluation, AASHTO LRFD Bridge Design Specifications, Florida Greenbook, and Florida Building Code. Kimley-Horn also offers a depth of experience with 40 structural professionals in Florida—19 of whom are in our Palm Beach Gardens office—who specialize in bridges, buildings, and other structures and can be called upon to aid the City as challenging assignments arise.



**PROMPT AND PROACTIVE RESPONSES.** We are committed to working as your partner—offering you the most responsive and effective level of communication to relay project issues, progress, and results that best serve your needs in a timely manner. Our team has the ability to adjust rapidly to the ever-changing needs of the City, regardless of the size or scope of the project. It only takes one phone call, and we will assemble the team to serve you on any assignment. We will be available to you whenever you need us, providing prompt turnaround time, sensitivity to local issues, and creativity in addressing the City's distinct concerns.



**COMMITMENT TO QUALITY.** A firm is no greater than its reputation, and Kimley-Horn is built on consistency and quality. As an established firm, we place significant emphasis on quality control/quality assurance and cost-saving solutions. Before any deliverable is submitted to a client, all design plans, reports, and other documents undergo a thorough review by a subject-matter expert within Kimley-Horn but outside the immediate project team. We achieve quality by striving to improve one project at a time and regularly engage our clients in dialogue to help us understand how we can improve our service to them.



**BUDGET CONTROL.** We share your commitment to providing value to your residents by judiciously implementing public projects to meet City goals and stay within budget. We approach every task with a complete picture by looking at construction costs and engineering costs. The key to our success in this area is managing the right resources at the right time and actively seeking out potential cost-saving opportunities through value engineering.

*Officers, principals, supervisory staff, and key individuals who will be directly involved with the work and their office locations.*



#### Jerry Piccolo, PE

Project Manager  
Palm Beach Gardens Office



#### Kelly Ward, PE

Deputy Project Manager  
Palm Beach Gardens Office



#### Stefano Viola, PE

Principal-in-Charge  
Fort Lauderdale Office



#### Jamea Long, PE

QC/QA  
Palm Beach Gardens Office



#### Jaime Ghitelman, PE

Civil Engineering  
Fort Lauderdale Office

*By selecting Kimley-Horn as your structural consultant, you will experience the team's:*

- ✓ Depth of local resources available to complete any task quickly and efficiently
- ✓ Focus on value and stewardship of the project budgets
- ✓ Adaptability during design
- ✓ No ramp-up—meaning the City can have the confidence to get us started immediately, and we will add value to our initial assignments





# BRIDGE DESIGN

AND

## MISCELLANEOUS STRUCTURAL

Engineering Services, Continuing Services Contract

Kimley-Horn has successfully delivered numerous structural projects through similar structural continuing services contracts for local municipalities for decades. Our proven project team will actively identify and solve critical issues, find reliable and innovative solutions, and provide responsive and cost-effective service all while meeting critical milestone dates on project schedules for the City. We sincerely appreciate the opportunity to present our qualifications to you and look forward to serving you on this continuing services contract.

Sincerely,

**KIMLEY-HORN AND ASSOCIATES, INC.**

**Jerry Piccolo, PE**

*Project Manager*

561.840.0277

jerry.piccolo@kimley-horn.com

**Stefano Viola, PE**

*Principal-in-Charge/Vice President*

954.535.5133

stefano.viola@kimley-horn.com

*Note: As a Vice President of the firm, Stefano Viola is authorized to bind Kimley-Horn for this contract.*







## Certificate of Secretary

To Whom It May Concern:

I am the duly qualified and acting Secretary of Kimley-Horn and Associates, Inc., a North Carolina Corporation.

The following is a true copy of a resolution duly adopted by the Board of Directors of the corporation at the Board meeting held on December 17, 2024 and entered in the minutes of such meeting in the minute book of the corporation.

"The Board unanimously approved the contract signing authority of employees as presented."  
(Copies of the employee lists as presented are enclosed.)

The resolution is in conformity with the articles of incorporation and bylaws of the corporation, has never been modified or repealed, and is now in full force and effect.

Dated: December 18, 2024

  
\_\_\_\_\_  
Richard N. Cook, Secretary



**Kimley-Horn and Associates, Inc.**  
**FULL CONTRACT SIGNING AUTHORITY**  
**December 17, 2024**

The following individuals have authority to sign both standard and non-standard agreements directly related to serving clients ("Project Agreements"). Project Agreements include client contracts, subcontracts, project-specific vendor agreements, IPO's, contract amendments, non-disclosure agreements, teaming agreements, project-specific equipment and facility rental agreements for specific projects, and certifications related to proposals. This document does not grant authorization to sign other types of contracts or legal documents not directly related to client service such as office leases, software purchase or license agreements, tax returns, purchase agreements for supplies, or agreements to procure accounting, legal, recruiting, or similar services.

**ATLANTIC**

BALTIMORE CITY

Kraft, Jonathan H.  
Miller, Sean T.  
Murphy, Erin M.  
Smith, Jeff B.

BALTIMORE COUNTY

Leffner, Nicholas J.  
Hutton, Heather

BOSTON

Jacques, Christopher  
Keegan, Katherine A.

CHARLOTTESVILLE

Oliver, Jonathan H.

HARRISBURG

Bankert, Larry I.  
McGinley, Steve M.

LOUDOUN

Bollinger, Kyle T.  
Giffin, Geoffrey D.  
Stevens, Ross S.

NORTHERN VIRGINIA

Carter, Erica V.  
D'Alessandro, Jonathan J.  
Elman, Paul D.  
Frosch, Colin  
Howell, Christopher M.  
Kauppla, John L.  
Knox, Sarah E.  
Koopman, Jennifer R.  
Lefton, Steven E.  
Millot, Sean M.  
Musson, David B.  
Powell, Meredith P.  
Prunty, Robert W.  
Samba, David B.  
Sauro, Thomas J.  
Schrader, Carly N.  
Smith, Andrew T.  
Teague, M. Zach  
Whyte, Richard D.

PHILADELPHIA

CENTER CITY

Harmon, Amanda R.  
Hughes, Paul W.  
Morgan, Taylor M.

PITTSBURGH

Beaves, Adele M.  
Beduhn, Tyler J.  
Moldovan, William

PRINCETON

Diggan, Tony W.  
Gibson, Adam T.

RICHMOND

Chance, Maxwell P.  
Crum, Katie E.  
Dougherty, Sean P.  
Harrell, Matthew T.  
Hill, Corey W.  
Lickliter, Ashley C.  
McCray, Danielle R.  
McPeters, Brian A.  
Perkins, Ryan R.  
White, Timothy E.

VIRGINIA BEACH

Chambers, Jon S.  
Dallman, David B.  
Davidson, Scott O.  
Falk, Katherine W.  
Farthing, Andrew P.  
France, William D.  
Funk, Gerald S.  
Holland, Kimberly R.  
Holland, Stephen R.  
Mackey, William F.  
Mertig, Karl E.  
Moser, Emily A.  
Niss, Robyn M.  
Schmitt, Gregory H.  
Votava Charles F.  
Wharton, Michelle L.  
Williams, Kyle D.  
Yee, Leong Wee

WHITE PLAINS

Canning, Thomas J.  
Van Hise, Kevin A.

**CALIFORNIA**

COACHELLA VALLEY

Sutton, Mike S.

LONG BEACH

Hewitt, Melissa A.  
Phillips, Chad E.  
Starkey, Jonathan H.

LOS ANGELES

Duong, Danh  
Fares, Jean B.  
Kyle, Gregory S.  
Phaneuf, Alyssa S.  
Ranta, Shahrzad

MONTEREY

Falgout, Mark A.

OAKLAND

Akwabi, Kwasi  
Colety, Mike D.  
Dankberg, Adam J.

ORANGE

Adrian, Darren J.  
Bossu, David M.  
Glaze, Jacob S.  
Kerry, Nicole M.  
Matson, Jason B.  
Marechal, Jason A.  
Melchor, Jason J.  
Melvin, M. Pearse

PLEASANTON

Chazbek, Chadi  
Johnson, Miles R.  
Mowery, Michael E.  
Sowers, Brian E.

RIVERSIDE

Cowan, Eugene D.  
Pollock, John A.

SACRAMENTO

Bhatt, Sheetal K.  
Melvin, Enda  
Pittalwala, Fareed S.  
Schmitt, Michael L.  
Tait, Zachary T.  
Weir, Matthew D.

SANTA CLARITA

Chakravarthy, Srikanth

SAN DIEGO

Barlow, Matthew T.  
Becker, Justin S.  
Harry, Jennifer L.  
Kaltsas, Joseph D.  
Madsen, Michael P.  
McCormick, Matthew B.  
McWhorter, Samuel L.  
Podgracz, Anthony J.

Ulery, Megan R.  
Valencia, Jason B.

SAN JOSE

Hedayat, Leyla  
Mehta, Parag G.  
Venter Frederik J.

SAN MATEO

Pulliam, John E.

**CAROLINAS**

CHARLESTON

Edmonson, William C.  
Guy, Jonathan R.

CHARLOTTE

Blakley, Jr., Stephen W.  
Denney, Seth A.  
Edwards, Matthew A.  
Lewis, Ryan T.  
Racer, Joseph M.  
Taylor, Benjamin S.

COLUMBIA

Iser, Christopher M.

DURHAM

DOWNTOWN

Lewellyn, Earl R.  
Raney, Nolan D.

FORT MILL

Holcomb, John E.

GREENVILLE

Hensley, Stephen A.

HOLLY SPRINGS

Brewer, William J.

RALEIGH

Adams, Richard C.  
Barber, Barry L.  
Beck, Chadwick W.  
Brewer, Brian J.  
Cochran, Adam P.  
Cook, Richard N.  
Flanagan, Tammy L.  
Glass, Brianne M.  
Howell, Cory J.  
Keil, Ashley R.  
Kuzenski, John D.  
Leverett, Christopher C.

Meador, Emily H.  
Netzer, Lesley E.  
Thompson, Erin K.

**CENTRAL**

DALLAS

Fraccaro, Joseph A.  
Galloway, Steven D.  
Harris, Mark E.  
Henrichs, Tyler B.  
Hoppers, Kevin P.  
Moss, Bradley J.  
Rader, Aaron K.  
Samarripas, Anthony M.  
Sulkowski, Nicholas E.  
Williamson, Sarah T.

FORT WORTH

Arnold, Douglas M.  
Arnold, Scott R.  
Atkins, John R.  
Hill, Bradley J.  
Igo, Chris P.  
James, Richard J.  
Kubista, Kyle P.  
Nathan, Aaron W.  
Webb, Floyd C.

FRISCO

Coppin, Thomas G.  
McCracken, Paul D.  
Dickey, Kyle A.  
Ross, Casey J.

IRVING/LAS COLINAS

Ante, Louis N.

**FLORIDA**

BOCA-DELRAY

Webber, Jason A.  
Haggerty, Jordan L.

DAYTONA BEACH

Stubbs, Jarod C.

FORT LAUDERDALE

Alam, Mudassar M.  
Capelli, Jill A.  
Cordasco, John L.  
Dabkowski, Adrian K.  
Emmons, Erin N.  
Falce, Christopher T.



**Kimley-Horn and Associates, Inc.**  
**FULL CONTRACT SIGNING AUTHORITY**  
**December 17, 2024**

McWilliams, John J.  
Robertson, Stewart E.

**Viola, Stefano F.**

**FORT MYERS**

Bryant, M. Lewis  
Clark, Kellie R.

**GAINESVILLE**

Brighton, Ali H.  
Towne, Christopher D.

**JACKSONVILLE**

Brenny, Martin T.  
Deutsch, Brian S.  
Mecca, Joseph P.  
Mullis, Raiford M.  
Roland, George E.  
Shelton, Mark W.

**LAKELAND**

Lewis, Jason A.  
Wilson, Mark E.  
White, Wayne E.  
Wynn, Jared M.

**LAKE NONA**

Ashby, Brian S.  
Stickler, Brooks A.

**MELBOURNE**

Husainy, Kinan F.

**MIAMI**

Almonte, Leonte I.  
Baldo, Burt L.  
Buchler, Aaron E.  
Collier, Julio A.  
Fernandez, Jorge L.  
Fye, Barton J.

**OCALA**

Busche, Richard V.  
Gartner, Amber L.  
Losito, Gene B.

**ORLANDO**

Chau, Hao T.  
Lenzen, Brent A.  
Littrell, Lance R.  
Martin, Jonathan A.  
Mingonet, Milton S.  
Roberts, Heather A.  
Thigpen, Jonathan D.  
Wetherell, Ryan S.

**PALM BEACH**

**GARDENS**

Long, Jamea M.  
Meyer, Alexis E.

**SARASOTA**

Cianfaglione, Christopher D.

Klepper, B. Kelley  
Leep, Jordan E.  
Pankonin, James R.  
Schmid, Seth E.

**ST. PETERSBURG**

Arriaga, Brooke R.  
Bishop, Mark C.  
Dodge, Dawn M.  
Walker, Jordan W.

**TALLAHASSEE**

DeVeau, Zachariah A.  
Kalbli, Shawn C.  
Lewis, Kelsey V.

**TAMPA**

Bulloch, Kelly B.  
Collins III, Carroll E.  
Gilner, Scott W.  
Lee, Nathan Q.  
Nadeau, Gary J.

**VERO BEACH**

Good, Brian A.  
Hollen, Christopher J.  
Lawson, Jacob B.  
Roberson, Kevin M.  
Thomas, Melibe S.  
Van Rens, Peter J.

**WEST PALM BEACH**

Lee, Jason R.  
Rapp, Bryan T.  
Regueiro, Eric  
Schanen, Kevin M.  
Schwartz, Michael F.  
Tercilla, Lindsey A.  
Walthall, David W.

**WPB DOWNTOWN**

Heggen, Christopher W.  
Spruce, Michael D.

**MIDWEST**

**CHICAGO**

**DOWNTOWN**

Lemmon, Peter C.  
Marnell, Colleen L.  
Mayer, Joseph P.  
Morton, Jr., Arthur J.  
Panter, Jake H.  
Whitson, Bryan D.

**CHICAGO NORTH**

**SUBURBS**

Cooper, Jason C.  
Tracy, Eric J.  
West, Craig L.

**CHICAGO WEST**

**SUBURBS**

Fandler-Splitt, Rory K.  
Garner, Chad S.

Heinen, Andrew N.  
Kaufman, Phil R.  
Walker, Michaela E.  
Walker, William A.

**COLUMBUS**

Muller, Justin M.  
Reeves, Michael C.  
Schall, Andrew J.  
Schnug, Regan A.

**INDIANAPOLIS**

Butz, Jr., William A.  
Timko, Michael J.  
Sheward, Bryan A.  
Wolfred, Maurice A.

**KANSAS CITY**

Kist, Matthew D.  
McKerrow, Jeff D.  
Myers, Zachary

**NORTHEAST OHIO**

Clements, Kevin J.

**TWIN CITIES**

Bourdon, Brandon J.  
Coyle, Daniel J.  
Elegert, Brandon R.  
Hume, Robert M.  
Jensen, Matthew D.  
Matzek, William D.  
Phipps, Ryan A.  
Schmitz, William J.  
Wall, Lisa M.  
Zimmerman, David

**TWIN CITIES – SOUTH**

Fosmo, Eric J.

**TWIN CITIES- WEST**

Kuhnau, JoNette L.  
Manning, Jon T.  
Wurdeman, Brian M.

**MOUNTAIN PACIFIC**

**ASPEN**

Christensen, Bryce E.

**BOISE**

McDougald, Brandon D.  
Nicholson, Tim P.

**BROOMFIELD**

Pratt, Anthony J.

**COLORADO SPRINGS**

Gunderson, Eric J.  
Hess, Mitchell O.

**DENVER**

Andryscik, Kory J.  
Colvin, Scott W.

Garinger, Amy M.  
Heiberger, John R.  
Krell, Gabriel M.  
Phelps, Randall J.  
Rowe, Curtis D.  
Salvagio, Robin  
Skeehan, Daniel L.  
Sobieski, Dennis M.  
McGee, Meaghan M.  
Valentine, Brian W.  
Wilhelm, William R.

**EVERETT**

Lincoln, Bradley J.

**FORT COLLINS**

Felton, Emily P.

**PORTLAND**

Belsick, Jody W.  
Meyerhofer, Peter N.

**SALT LAKE CITY**

Crowther, Brent C.  
Gresham, Teresa R.  
Johnson, Zachary A.  
O'Brien, Molly M.

**SEATTLE**

Chen, Nicholas R.  
Kamerath, Marcy  
Reeverts, Canaan H.  
Williams, David S.

**SOUTHWEST**

**LAS VEGAS**

Ahartz, Shannon R.  
Jones, Christopher R.  
Moles, Richard A.  
Moore, Devin V.  
Mosley, Michael S.  
Wolf, Treasea

**MESA**

Burm, Jason M.  
Grandy, Michael L.  
Margetts, Sterling T.  
Mutti, Brent H.  
Walnum, Nathan C.

**PHOENIX**

Christian, Rajesh S.  
Connelly, Alissa J.  
Delmarter, Michael L.  
Ehrick, Taylor R.  
Henderson, Benjamin J.  
Thoma, Jayme R.  
Kimm, Kevin J.  
Kissinger, John C.  
Leistiko, David J.  
Marella, Damon J.  
Perillo, Adam C.  
Sjogren, Timothy P.

Smalkoski, Brian R.  
**RENO**  
Hildebrandt, Timothy H.  
Nasset, Brent J.

**SCOTTSDALE**

Jupp, Andrew M.  
Rutkowski, David R.

**TUCSON**

Payne, Kevin W.  
Rhine, Timothy J.

**SOUTH**

**ALPHARETTA**

Dufour, Zachary J.  
Fanney, Angela L.  
Fanney, Lawson H.  
Hamilton, James R.  
James, Alvin B.  
Shearouse, Sarah  
Stricklin, David L.  
Walker, John D.  
Zittrauer, Derek M.

**PEACHTREE**

**CORNERS**

Ergle, Kevin B.  
Fink, Kenneth L.  
Smith, Patrick N.

**ATLANTA MIDTOWN**

Bosman, Eric S.  
Coleman, Sean H.  
Elsey, Jeffrey B.  
Pastore, Cristina C.  
Ross, Robert A.  
Triplett, Katherine R.

**BIRMINGHAM**

Bailey, Clark B.  
Johnson, Elizabeth H.

**CHATTANOOGA**

Skidmore, Benjamin W.

**FRANKLIN**

Espelet, Leonardo E.

**MEMPHIS**

Danley, Drake E.  
Minor, Henry W.  
Peregoy, Samuel J.  
Peregoy, Jennifer M.

**MOBILE**

Starling, Charles H.

**NASHVILLE**

Boyd, Mark R.  
Creasman, Brett R.  
McMaster, Ryan L.  
Neal, Philip H.

Kimley-Horn and Associates, Inc.  
FULL CONTRACT SIGNING AUTHORITY  
December 17, 2024

Rhodes, Christopher D.

SAVANNAH

Gwaltney, Jamie N.

Marsengill, Chris C.

WOODSTOCK

West, Brian B.

**TEXAS SOUTH**

AUSTIN EAST

Ponton, Clinton J.

AUSTIN NORTH

Boecker, Brian C.

Hudson, Harrison M.

Kiewit, Jordan S.

Neal, Trey A.

Parker, Brian J.

Araque, Santiago A.

VanLeeuwen, Andrew W.

AUSTIN SOUTH

Mason, Sean R.

Williams, Robert B.

BRYAN/COLLEGE  
STATION

Harris, Joseph C.

Lucas, Michael D.

HOUSTON

Cargill, Kenneth W.

Deshpande, Vivek

Frysinger, Ashley M.

Frysinger, Chris V.

Guillory, Michael B.

PEARLAND

Hall, Andrew T.

SAN ANTONIO

Brignon, Brit A.

Farnsworth, Jeffrey A.

Holscher, Nicholas F.

THE WOODLANDS

Freeman, Jr., Steven C.

Kirland, Mark R.

Lewis, Tyler W.



## Tab 4.2.2

# FIRM QUALIFICATIONS AND EXPERIENCE

### 4.2.3. FIRM QUALIFICATIONS AND EXPERIENCE

Kimley-Horn is one of the nation's premier engineering, planning, and design consultants. Our professional staff are experts in many disciplines yet share one passion: making clients successful. We are a privately-held corporation, fully owned by individuals who are current employees of the firm. Our employee-owners are the sole stockholders of the company and are the professionals who directly serve our clients. The operations of the firm are not influenced by non-employee owners whose interests may conflict with client service. Since ownership is spread among key professionals, and no single individual or small group owns a controlling interest in the firm, the company is positioned for long-term stability.

Kimley-Horn is one of the most respected and fastest-growing full-service consulting firms in the United States and Puerto Rico. Our firm was founded in 1967 and has maintained a continuous presence in Florida for 57 years, growing from one office in the City of West Palm Beach to 21 offices spread throughout Florida. Our permanent staff includes more than 8,500 professional, technical, and support staff in 142 offices nationwide, and more than 1,500 of those employees work in Florida. Many of these employees are former municipal engineers and planners who have been on our clients' side of the table and are familiar with local government procedures.

#### Structural Experts

The structural team at Kimley-Horn are technical experts in the design, construction inspection, and evaluation of bridges, seawalls, signal/sign structures, permanent and temporary retaining walls, and roadway structures.

**Our structural experience includes a variety of facilities, including the design of over 1,000 bridges and the inspection of nearly 3,000 bridges for programs in several states.** Our local South Florida structural team has widened or replaced numerous bridges across South Florida for both Florida Department of Transportation (FDOT) and many South Florida municipalities. Our local team is experienced in designing bridges ranging from large curved steel bridges to smaller canal crossings. We have designed and rehabilitated many bridges over South Florida Water Management District (SFWMD) canals and have a working knowledge of the District's bridge requirements.

#### Comprehensive In-House Services

Kimley-Horn has 58 years of experience providing full service, multidisciplinary civil engineering design consulting services. Founded by traffic and transportation engineers, Kimley-Horn offers a wide array of services, including transportation, transit, roadway design and engineering, planning, landscape architecture, and environmental services, to hundreds of municipalities as well as state and federal agencies nationwide.

Kimley-Horn has provided municipal engineering services to many communities across Florida and the US. This depth of experience with a variety of project types allows us to provide the City with staff who have a proven track record with municipal projects, coupled with local professionals who know and understand the City of Fort Lauderdale.



**58 Years in Business**

#### CORPORATION:

Kimley-Horn is registered as a legal entity in the State of Florida. A copy of Kimley-Horn's certification to transact business in the State of Florida is included on page 17.

#### RESPONSIBLE OFFICE:

**Address:** 11601 Kew Gardens Avenue, Suite 200, Palm Beach Gardens, FL 33410

**Phone:** 561.463.0665 | **Fax:** N/A

**Email:** jerry.piccolo@kimley-horn.com

**Website:** www.kimley-horn.com

#### CONTACT PERSON:



**Jerry Piccolo, PE, Project Manager**

**Email:** jerry.piccolo@kimley-horn.com

**Phone:** 561.840.0277

**Address:** 11601 Kew Gardens Avenue, Suite 200, Palm Beach Gardens, FL 33410

#### RELATIVE SIZE OF THE FIRM:

**8,500+**

**Employees  
Nationwide**

**Management Staff:** 513 Employees

**Professional/Technical Staff:** 7,676 Employees

**Support Staff:** 357 Employees

**140+**

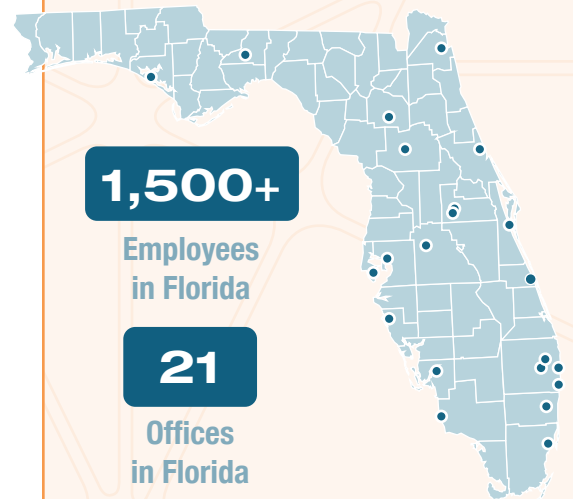
**Offices  
Nationwide**

**1,500+**

**Employees  
in Florida**

**21**

**Offices  
in Florida**





# BRIDGE DESIGN

AND

## MISCELLANEOUS STRUCTURAL

Engineering Services, Continuing Services Contract



*Some of the many services our team can provide include, but are not limited to:*



Structural design/bridge design



Structural/bridge rehabilitations



Hydraulic and hydrologic modeling



Civil engineering design



Seawall/bulkhead wall design



Landscape architecture/streetscape design



Water/wastewater structural design



Park and recreation planning/design



Site planning/master planning



Comprehensive planning



Construction administration/coordination



Corridor studies and planning



Environmental services/permitting



Land development services



Parking analysis and design



Preliminary engineering and conceptual design



Public involvement programs



Permitting and approvals



Roadway design



Signal system study/design



Stormwater/drainage design



Surface water management design



Survey and mapping



Traffic impact analysis



Transportation planning and traffic engineering



Water and wastewater system design

## Bridge Engineering

Our experienced bridge design staff has already encountered—and surmounted—just about every challenge your project could throw at them. Whether it's difficult site conditions and geometry, unusual geotechnical conditions, or phased construction, our team can handle it. We can provide creative solutions that cost-effectively meet the demands of your site and schedule using precast concrete elements and bridge construction techniques that are available and common to many South Florida bridge contractors. Hundreds of municipal bridges across the US bear our imprint: canal, river, and stream crossings, highway overpasses, railroad crossings, and pedestrian walkways. **Our multidisciplinary expertise spans roadway, traffic, and bridge engineering, ranging from initial study phase through the design and construction phases. Our project goal is simple: make each bridge project an outstanding success.**





### Bridge Inspection and Rehabilitation

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

### Bridge and Roadway Design Approach

Roadway design is one of the mainstays of our firm's professional practice. Collectively, our engineers have been responsible for the design of more than 3,000 miles of roadways nationwide. We have provided these services for urban, rural, primary, secondary, and interstate roadways for clients ranging from small municipalities to state departments of transportation. We are well-equipped to address all related aspects of roadway design projects, such as intersection geometrics, utility relocations, traffic control, signalization, and other features. Paving and drainage services are an integral part of our bridge and roadway design projects, and our substantial experience in dealing with regulatory and other agencies enables us to secure the necessary permits and approvals for building and upgrading roadway facilities. **In addition, Kimley-Horn has provided construction administration services on hundreds of miles of urban and rural roadways for projects ranging from limited-access arterials to collector facilities for counties, cities, and state departments of transportation.**

### Preparation of Plans, Specifications, and Engineering Plan Review

The preparation of detailed plans, specifications, and estimates (PS&E) for projects is essential to facilitate construction, provide contract control, estimate construction costs, and provide a uniform basis for bidding by the contractor. Without specifications, client requirements cannot be communicated effectively to contractors. Design documents must provide clear instructions to complete the project as visualized by the owner, in addition to being code compliant. **Kimley-Horn achieves compliance with plans and specifications through a rigorous system of Quality Control/Quality Assurance (QC/QA).**

Kimley-Horn's QC/QA process requires a combination of planning, coordination, supervision, technical direction, and the use of appropriately skilled professionals. The following steps summarize our formal in-house program for complete quality management:

- **Develop Detailed Work Plan.** The work plan establishes the major tasks, identifies staff members who will complete the tasks, determines how much time the tasks will take, designates the quality control review staff, and details the schedule for accomplishment.
- **Assign QC/QA Responsibility.** We will conduct QC/QA reviews at the end of each project phase to help ensure that the project deliverable is not only technically correct but also consistent with the project's objectives.
- **Conduct Peer Reviews.** We design peer reviews to check, review, and provide oversight of work activities. Individuals who are not directly responsible for performing the task conduct peer reviews, offering an unbiased technical evaluation at every step of the project.
- **Perform Meticulous Project Documentation.** Appropriate data and work papers that detail the choices that were evaluated and the basis for recommendations will support all documents.
- **Construction Administration.** Review construction plans and specifications to identify constructability issues early on in the process, allowing affordable adjustments to be made to maintain steady progress and avoid stop-work situations.
- **Final Project Manager Endorsement.** Project manager **Jerry Piccolo, PE**, will evaluate each project for clarity, accuracy, completeness, and scope compliance.

### Environmental Permitting and Agency Coordination

The firm's engineers, scientists, and planners maintain regular contact with virtually all key regulatory agencies and their decision-makers, including with South Florida Water Management District (SFWMD), U.S. Coast Guard (USCG), U.S. Army Corps of Engineers (USACE), Florida Department of Environmental Protection (FDEP), Broward County Environmental Resource Department (BCERM), and Florida Department of Transportation (FDOT). **This rich network of interpersonal relationships enables us to provide expeditious services relative to agency reviews, as well as secure the necessary permits and approvals.** Our staff not only understands



agency procedures, but also their expectations, allowing us to minimize delays and revisions to your submittals. Our staff members make it a habit to stay well informed about the latest changes and status of rules affecting permitting and regulation. They are well equipped to assist you with permitting and mitigation program development.

### Bidding, Contract, and Construction Assistance

Upon completion and approval of any contract documents, we are also prepared to assist the City in the bidding and award of any proposed improvements. **We routinely provide recommendations for prequalification of potential bidders, attend pre-bid conferences, evaluate bids, and make contract award recommendations.** Kimley-Horn has provided construction administration services on hundreds of projects for cities, counties, water management districts, state parks, and state departments. We take pride in designing “buildable” environmental restoration plans, and our knowledge of construction issues and costs is evidenced by the firm’s outstanding record of on time and on budget completions. Construction phase services include cost estimating, pre-bid services, and construction administration and observation.

Kimley-Horn has the capacity to develop a master plan, examine alternatives, present those alternatives to related agencies, prioritize projects within the alternatives based on benefit/cost and other predetermined measures, and prepare preliminary plans. We can also assess the environmental consequences of making or not making the improvements. We have performed varying levels of CEI services on multiple project types including bridge repair and bridge rehabilitation projects and on behalf of third parties such as SFWMD.

### Cost Estimating

When it comes to cost estimating, our team utilizes the FDOT historical pay items to provide an Opinion of Probable Cost associated with bridge design, repair and rehabilitation projects. For non-transportation related projects, we maintain a database of previous project bid tabulations and use those to provide a more accurate predications of project construction costs.

### Grant Procurement and Grant Administration Services

Kimley-Horn understands that obtaining successful funding and the identification of potential public and private sources is critical to your projects, and we will work to identify alternative funding and financing strategies within multiple categories. The Kimley-Horn team often deals with the complex regulations tied to the local use of federal funding and has been successful in obtaining grants for a number of municipalities. The Kimley-Horn project team will provide insight into the opportunities available, and the procedures required to obtain funding. **Kimley-Horn has provided assistance to our clients resulting in more than \$333.84 million in grants and outside funding in the state of Florida.** We have developed a resource library of information on state and federal funding sources and will assist you in making the most of available resources.

### Public Outreach

Kimley-Horn understands the pivotal role of meaningful and successful public involvement programs that enable the City of Fort Lauderdale residents and stakeholders to establish priorities for their communities. Community involvement may affect the overall program, funding strategies, and implementation phasing. Kimley-Horn is known for developing innovative approaches to projects that involve community participation. For those projects that require community involvement and acceptance, we have developed effective methods of bringing the community into the process. We are strongly committed to conducting public participation programs that educate, inform, and build consensus for a particular solution. Each project is different in terms of the stakeholders and the critical issues involved; thus, each public involvement program must be tailored to specifically address the project’s needs. Kimley-Horn understands that a strong partnership with the community is critical, and we have developed effective methods of bringing the community into the process, including:



- Charrette design and facilitation
- Workshop design and facilitation
- Innovative notification techniques

- GIS analysis and graphics
- Extensive graphics support, including 3D modeling

# BRIDGE DESIGN

AND

## MISCELLANEOUS STRUCTURAL

Engineering Services, Continuing Services Contract

### Similar Project Experience

#### Lighthouse Point Structural Continuing Services

 Lighthouse Point, FL

##### LIGHTHOUSE POINT BRIDGE REPAIRS

As part of a continuing services contract Kimley-Horn was retained to conduct field reviews and develop bridge repair plans to facilitate the rehabilitation of eight City-owned vehicular bridges and two pedestrian bridges. The repair plans were designed to address the deficiencies observed on the field visit and the FDOT Bridge Inspection Reports. There are no as-built plans available for any of the seven of eight bridges constructed in the 1950s. In addition to developing repair plans, Kimley-Horn performed a load rating analysis on the existing bridge utilizing field measurements, results of reinforcing bar scanning, and measured reinforcement sizes. Kimley-Horn also assisted the City in the bidding phase of this project and is currently assisting the City in the Construction Phase of the project.



##### LIGHTHOUSE POINT SEAWALL STUDY


Also, under this contract, Kimley-Horn was retained to perform a field review and assess the current condition of the existing seawalls owned and maintained by the City. The City owns and maintains fifteen different segments totaling 1,800 linear feet. Broward County recently issued an ordinance that all seawalls need to be elevated to elevation 5.0 NAVD by 2050. Kimley-Horn obtained elevations of the top of these sea walls. As part of the study Kimley-Horn assessed the condition of the existing seawalls, developed replacement alternatives to raise the tops of the seawalls, made repair recommendations, and develop opinion of probable construction cost for the replacement alternatives.



##### LIGHTHOUSE POINT SEAWALL REPAIRS

As part of this continuing services contract Kimley-Horn developed repair plans to facilitate the rehabilitation of the City's fifteen seawalls. The repairs consist of revetment installation, mortar packing the coral rock walls, seawall cap replacement, crack sealing, and concrete repairs. In addition to designing repairs, Kimley-Horn is also assisting the environmental permitting of the revetment repairs with U.S. Army Corps of Engineers and Broward County.

#### City of Vero Beach Structural Continuing Services

 Vero Beach, FL

##### VETERAN'S MEMORIAL ISLAND BRIDGE REPLACEMENT

This project involves the replacement of the existing Veteran's Memorial Island bridge over the Rio Mar Bay within the Indian River Lagoon. The replacement bridge is a 3-span prestressed concrete slab unit bridge that is designed to follow FDOT design criteria for an extremely corrosive environment. The bridge utilizes stainless steel reinforcing steel in the substructure to provide corrosion resistance in this extremely aggressive environment. In addition to designing the bridge Kimley-Horn designed the utility relocations, approach roadway, and revetment. This bridge was constructed in an environmentally sensitive area and required extensive





# BRIDGE DESIGN

AND

## MISCELLANEOUS STRUCTURAL

Engineering Services, Continuing Services Contract

environmental permitting associated with the removal of mangroves as well as oyster relocations. With this bridge being the only access to an island the City wanted the bridge replaced within a 4-month window. The bridge was designed with time sensitive elements in mind and Kimley-Horn investigated material availability. Kimley-Horn also assisted the City in the bidding and construction phases of the project.

Kimley-Horn hosted weekly progress meeting, coordinated material testing, inspected the progress of the work, reviewed pay applications, conducted and coordinated the as-built load rating with FDOT, and the project closeout.

*Bay and River Drive Bridge Repairs*



### BAY AND RIVER DRIVE BRIDGE REPAIRS

The existing Bay Drive and River Drive bridges are prestressed concrete slab unit bridges that were built in 2010. Bridge rehabilitation plans were developed to address structural and non-structural deficiencies found in both the FDOT Bridge Inspection Report and in the field review. The scope of the repairs consist of concrete restoration, concrete crack repair, asphalt crack repair, expansion joint repairs, and class 5 coating.

## St. Lucie County Structural Continuing Services

 St. Lucie County, FL

### GORDY ROAD BRIDGE REPLACEMENT

Under an on-call services contract for the County, Kimley-Horn was tasked with replacing the existing deficient timber bridge with a new structure. The existing bridge served as the single point of access for residents on the south side of 10-Mile creek. A temporary Acrow bridge was utilized to maintain access through construction. This site was constrained by private property on one side and a large radial arm gate water control structure on the other. Our team designed the temporary foundation for the temporary bridge and relocated bridge-mounted utilities as part of this project. The three span replacement bridge consisted of a slab type superstructure spanning between reinforced concrete bent caps support on prestressed concrete piles. Kimley-Horn also designed the temporary road, roadway approaches, and maintained access points to the adjacent water control structure. Kimley-Horn also assisted the County in the bidding and construction phases of this project.

*Gordy Road Bridge Replacement*



### ST. LUCIE COUNTY BRIDGE REPAIRS

Kimley-Horn, while under on-call services for St. Lucie County, was selected to develop bridge repair plans for 11 deficient bridges throughout St. Lucie County. The repairs consist of both structural and non-structural repairs. Kimley-Horn reviewed the FDOT Bridge Inspection reports and performed a thorough field review of the bridges to develop the bridge repair plans. These bridges were impacted by Hurricane Irma and sustain damage to the revetments due to high flows resulting from Irma. The repairs to the bridges generally consisted of; guardrail repairs, concrete spall repairs, installation of riprap revetment, expansion joint repairs, expansion joint header repairs, vegetation removal, structural crack injection, installation of reinforced concrete pile jackets, milling and resurfacing asphalt approaches, and replacement of roadway striping. In addition, other proposed services include preparation of drawings and specifications, permitting with NSLRWCD, construction support, and project close-out documentation.

*St. Lucie County Bridge Repairs*



# BRIDGE DESIGN

AND

## MISCELLANEOUS STRUCTURAL

Engineering Services, Continuing Services Contract

### WALTON SCRUB PRESERVE OBSERVATION TOWER

Kimley-Horn was retained by St. Lucie County Environmental Resources Department to study and design an observation tower within the Walton Scrub Preserve. This is a 50-foot-tall observation tower in the Walton Scrub Preserve that is aimed to educate the public on the County's natural resources within the adjacent Savannah's Preserve, Walton Scrub Preserve, and Indian River Lagoon. We evaluated different geometric layouts as well as various material types in developing the concepts. The County selected the preferred alternative to take to final design and consisted of a weathering steel structural frame and some timber elements to provide the County with a low long term maintenance structure. We are currently assisting the County in the construction-phase of this project.



### Other Similar Structure Projects Completed Under Continuing Contracts

#### Puerto Rico Ponce Bridge Rehabilitation Project

##### Ponce, Puerto Rico

Kimley-Horn implemented preservation activities according to their Systematic Preventative Maintenance Program Protocol and FHWA's Preservation Guide for Bridges 2267, 2271, 2335, 2370, and 2371 at PR-52 in Ponce, PR. Preservation activities included performing field visits on all bridges to identify existing bridge deficiencies and developing an inspection checklist for the use of inspection of bridges in general conformance with National Highway Institute Standards. Kimley-Horn developed preservation plans which included repair details for cracks, spalls, delaminations, and other deficiencies. The purpose was to extend the service life of the existing bridges superstructure using the latest techniques in preservation.

#### Safe Harbor Seawall Assessments

##### South Florida Region

Kimley-Horn performed multiple seawall and dock assessments in accordance with ASCE 130. Counties we performed assessments in include Palm Beach County, Monroe County, and Miami-Dade County. Assessments included underwater investigation and explorations as well as development of condition assessment reports with recommendations of repairs. Assessments included steel sheet pile walls, concrete post and panel walls, and wood/concrete docks.

#### City of Aventura Seawall Replacement

##### Aventura, FL

Kimley-Horn provided structural repair drawings for approximately 1,500 linear feet of seawall on the north side of Yacht Club Drive. The design of the new wall included the removal of the existing wall and tie-backs due to existing degradation of the support system. The new design incorporated a concrete post and panel system with battered piles. The new wall was designed to be installed in the same alignment as the existing wall with a recommended phasing plan. Additionally, Kimley-Horn obtained the necessary Florida Department of Environmental Protection (FDEP) and Miami Dade Division of Environmental Resource Management (DERM) permits for the construction of the new wall.

### Ability to Meet Time and Budget Requirements

We recognize that budget and schedule control are critical to the success of your program. Meeting your schedule for deliverables is not just a goal to us—it is a mandate. A project schedule is a road map guiding us to a goal, completion of a project by a certain date. But experience has shown that no matter how carefully we plan, things can change. How successfully we adapt to those changes is in part a result of how well we manage our resources and understand the demands on them, both internal and external. Kimley-Horn has a track record of successfully completing projects on or ahead of schedule and within budget.

This success is due, in part, to each project's schedule and budget being aggressively communicated to the project team by the project manager. Kimley-Horn takes pride in evaluating any unanticipated obstacles and making informed recommendations to overcome them before they impact the project's schedule and budget.



In addition to our proactive communication, Kimley-Horn uses a “work plan” tool for organizing individual project tasks by phase and discipline. The anticipated labor effort is then summarized in a matrix that forms the basis for establishing and tracking the project budget. We track the budget on a percent-complete basis in order to measure performance during each accounting report period. Project budget status reports are accessible via our intranet. The work plan is also the tool for establishing staffing for each project and identifying the anticipated labor requirements of each phase. The work plan is reviewed frequently throughout the project and is used in conjunction with our in-house “castahead” process to forecast project workloads. This program requires project managers to forecast, on a weekly basis, their staffing needs for the ensuing week. This “castahead” process is followed by a weekly conference call among company resource managers to identify who is overloaded and who needs work. Resources are reallocated on a weekly basis as needed to meet client schedules.

A similar process is conducted monthly as project managers forecast their resource needs during the next six months. This information is used to assess hiring needs. Conducted throughout the entire 8,500+ person firm, these extra efforts are performed to make sure our project managers have the resources they need to meet our clients’ needs.

### Sustainable Business Practices

At Kimley-Horn, sustainable and green initiatives are fundamental to our practice. Since 2008, Kimley-Horn has incorporated innovative and sustainable principles into many of our projects. This green initiative stems from our people’s passion and seeks to better serve current and potential clients as both our society and industry demand change. Kimley-Horn has been recognized by Engineering News-Record as one of the nation’s “Top Green Design Firms,” and nearly 100 of our professionals across the firm have earned LEED accreditations.

We have a corporate commitment to continually seek a sustainable balance in our daily practices and within our facilities. We strive to minimize our environmental footprint, creating a healthier workplace for our employees and reducing energy expenditures. Ultimately, we seek to achieve the sustainable ideal of improving our triple bottom line—planet, people, and profitability.

Kimley-Horn is committed to having a sustainable workplace by reducing the negative environmental impacts of our business operations. We believe in creating a corporate mindset that empowers and recognizes individuals and small groups of employees who make good daily decisions that contribute to a healthier workplace, are environmentally responsible, and save energy and firm resources.

Kimley-Horn has established goals for our corporate practices in several areas, including energy usage, disposition of office supplies, impact on transportation, and design of office space. These goals reach across all offices and geographic locations. Individuals who want to make a difference in each office have the freedom to devise solutions to accomplish sustainability goals in the best way for their staff, their community, and their clients. We have adopted a series of strategies and plans to achieve these internal workplace goals.

### Project Management Team

Project management is both an art and a science at Kimley-Horn. We employ a structured approach to all of our projects that integrates resource, schedule, and budget management for each project we work on. Our project management approach also incorporates quality assurance and continuous quality improvement. It also maintains a level of flexibility to account for the unexpected. The proposed team knows that resources, schedules, and budgets can be managed, but unknowns must be carefully planned so project trade-offs can be accurately assessed. This aspect of our business is openly communicated and actively advocated within Kimley-Horn.



#### Jerry Piccolo, PE | Project Manager

Jerry is a structural engineer with 12 years of experience. He designs and manages structural projects, including bridge design and rehabilitation, for municipalities. His responsibilities include performing calculations, plan preparation, reviewing shop drawings, observing project construction, and conducting structural inspections. He has worked on several municipal bridge projects including the St. Lucie County Bridge Repairs, Gordy Road Bridge Replacement, and 25th Street Bridge Repairs in St. Lucie County, Citrus Avenue Bridge Repairs in Fort Pierce, Atlantic Avenue Bridge Widening over E-2E Canal in Palm Beach County, and the Lawson Boulevard Pedestrian Bridge project in Delray Beach.



#### Kelly Ward, PE | Deputy Project Manager

Kelly has six years of experience providing bridge design, rehabilitation, and structural evaluation services for a variety of projects. Her experience includes seawall and retaining wall design, transportation structure design, shallow foundation design, aesthetic structure design, bridge repair design, lighting foundation design, and the structural design for aesthetic attachments to bridges. Kelly’s experience also includes performing load rating analyses to determine the existing bridges structural capacities. She is also familiar with permitting requirements for several local jurisdictions for required permits for bridge projects.

**See resumes in section 4.2.4 for licenses and education details.**

# BRIDGE DESIGN

AND

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 **Florida dbpr** Department of Business & Professional Regulation

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**Licensee Information**

Name:	KIMLEY-HORN & ASSOCIATES, INC. (Primary Name)
Main Address:	421 FAYETTEVILLE STREET SUITE 600 RALEIGH North Carolina 27601
County:	OUT OF STATE
License Mailing:	421 FAYETTEVILLE STREET SUITE 600 RALEIGH NC 27601
County:	OUT OF STATE

**License Information**

License Type:	Engineering Business Registry
Rank:	Registry
License Number:	696
Status:	Current
Licensure Date:	05/10/1977
Expires:	

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**Licensee Information**


Name:	MINGONET, MILTON SCOTT (Primary Name) KIMLEY-HORN AND ASSOCIATES INC (DBA Name)
Main Address:	200 SOUTH ORANGE AVENUE SUITE 600 ORLANDO Florida 32801
County:	ORANGE

**License Information**

License Type:	Registered Landscape Architect
Rank:	Landscape Arc
License Number:	LA0001428
Status:	Current,Active
Licensure Date:	10/14/1991
Expires:	11/30/2025

**Florida Department of Agriculture and Consumer Services**

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<b>KIMLEY-HORN AND ASSOCIATES, INC.</b>				
421 FAYETTEVILLE ST STE 600, RALEIGH, NC 27601-1777				
Phone 919-677-2000				
<b>License Type</b>	<b>License#</b>	<b>Issued</b>	<b>Expires</b>	<b>Status</b>
Surveyor Business	LB696	03/15/84	02/28/27	Active
Surveyor of Record	LS7294	01/06/21	02/28/27	Active



# *State of Florida Department of State*

I certify from the records of this office that KIMLEY-HORN AND ASSOCIATES, INC. is a North Carolina corporation authorized to transact business in the State of Florida, qualified on April 24, 1968.

The document number of this corporation is 821359.

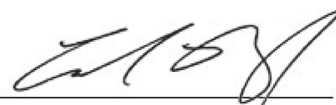
I further certify that said corporation has paid all fees due this office through December 31, 2024, that its most recent annual report/uniform business report was filed on April 3, 2024, and that its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Kimley-Horn has renewed this document and is waiting to receive the new certificate.*

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Twenty-fourth day of April,  
2024*



  
*Secretary of State*

Tracking Number: 2703192226CU

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

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## Tab 4.2.4

# QUALIFICATIONS OF THE PROJECT TEAM



### 4.2.4. QUALIFICATIONS OF THE PROJECT TEAM

The key staff we have selected to serve you are well-respected practice builders with extensive experience and have demonstrated cost savings projects to save you money and reduce risk. **Kimley-Horn's approach gives our clients the best of both worlds—the resources of a large, nationally ranked firm and the personal attention and response of a small dedicated professional team.**

#### Committed Resources

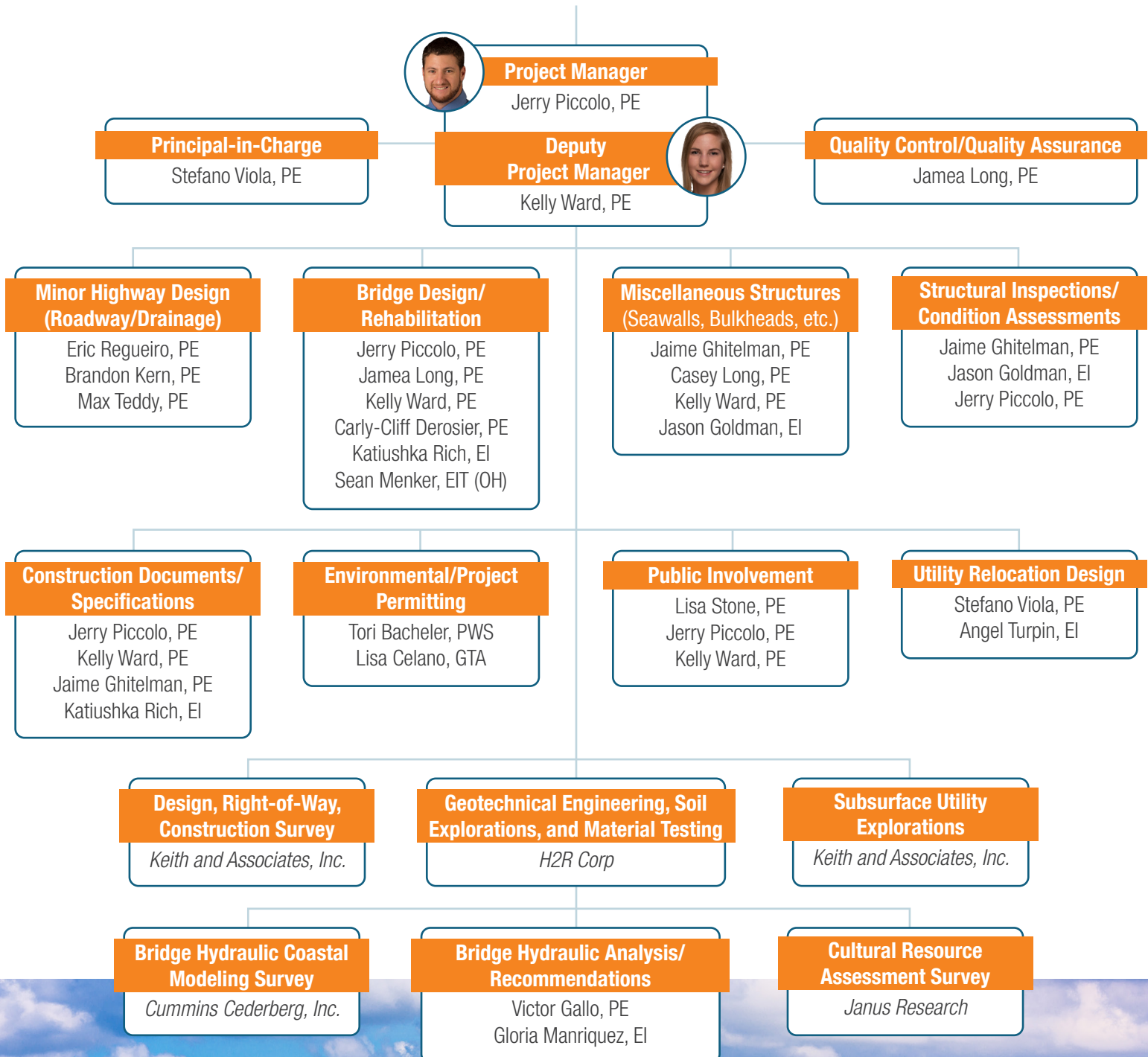
One feature that separates Kimley-Horn from other firms is our ability to provide integrated services for a project. Kimley-Horn has outstanding in-house resources and technical expertise to provide all required services. One of the benefits Kimley-Horn offers is our diversified resources and ability to draw from those resources at any time. We pride ourselves in our ability to tailor comprehensive engineering services to our clients' needs. Your project manager, **Jerry Piccolo, PE**, is empowered to call upon any resources you may need and can assure you that, if required, additional technical expertise is only a phone call away. **Although Kimley-Horn has many disciplines, we have one expertise—making our clients successful.**

This organizational chart on the following page illustrates our project team structure and defines relationships among disciplines and shows key personnel. We have carefully selected a core team of professionals to provide the City with exceptional technical expertise in implementing this contract. The organizational chart will show the technical experts assigned to each task in the scope of work and the resumes for each individual can be found in the following pages of this section. Our resumes demonstrate everyone's technical education, training, and experience, as well as the quality, quantity, and continuity of experience in their respective disciplines.





### CITY OF FORT LAUDERDALE







# Jerry Piccolo, PE

**Project Manager; Bridge Design/Rehabilitation; Structural Inspections/Condition Assessments; Construction Documents/Specifications; Public Involvement**

**12 YEARS OF EXPERIENCE**  
**PERCENTAGE OF INVOLVEMENT 75%**

## PROFESSIONAL CREDENTIALS

- Master of Engineering, Civil Engineering, University of Florida
- Bachelor of Science, Civil Engineering, University of Florida
- Professional Engineer in Florida, #80484

## SPECIAL QUALIFICATIONS

- Has experience leading structural designs for roadway improvements in South Florida
- Experience includes bridge design, mast-arm design, bridge rehabilitation, overhead sign structures, retaining walls, noise walls, toll gantries, and construction phase services
- Additional experience with water control structures, pump station design, and pump station rehabilitation
- Has worked on a wide variety of bridge projects ranging from large FDOT curved steel box girder bridges to concrete municipal bridges and culverts. Jerry has also provided bidding and construction phase services for bridge projects

## RELEVANT EXPERIENCE

**NE 31st Court over Heron Waterway, Lighthouse Point, FL** — Project manager. This project includes the design and permitting necessary to replace the existing NE 31st Court bridge over the Heron Waterway. The existing bridge was constructed in the mid 1950s and is nearing the end of its useful service life. The existing bridge serves as the single point of access to a residential island for ~30 residential homes. The bridge is located within a constricted 50-foot right-of-way. As part of the design our team developed a phased construction approach that utilizes a temporary accrow bridge to safely maintain traffic while half of the bridge is constructed due to the condition of the existing bridge and minimal embedment depth of the existing piles. Our team is also working through the utility design and anticipates using temporary utility bypasses to maintain utility service through construction. As part of this project, public involvement is critical to keep the affected residents informed. This project also requires environmental permitting through Broward County Environmental Department and U.S. Army Corps of Engineers.

### **Gordy Road over Ten-Mile Creek Bridge Replacement, St. Lucie County, FL**

Engineer-of-record. Under an on-call services contract for the County, Kimley-Horn performed was tasked with replacing the existing deficient timber bridge with a new structure. The existing bridge served as the single point of access for residents on the south side of 10-Mile creek. A temporary Acrow bridge was utilized to maintain access through construction. This site was constrained by private property on one side and a large radial arm gate water control structures on the other. Our team designed the temporary foundation for the temporary bridge and relocated bridge mounted utilities as part of this project. The three span replacement bridge consisted of a slab type superstructure spanning between reinforced concrete bent caps support on prestressed concrete piles. Kimley-Horn also designed the temporary road, roadway approaches, and maintained access points to the adjacent water control structure. Kimley-Horn also assisted the County in the bidding and construction phases of this project.

**Lighthouse Point Bridge Repairs, Lighthouse Point, FL** — As part of a Continuing Services contract Kimley-Horn was retained to conduct field reviews and develop bridge repair plans to facilitate the rehabilitation of eight City-owned vehicular bridges and two pedestrian bridges. The repair plans were designed to address the deficiencies observed on the field visit and the FDOT Bridge Inspection Reports. There are no as-built plans available for any of the seven 1950's constructed bridges. In addition to developing repair plans, Kimley-Horn performed a load rating analysis on the existing bridge utilizing field measurements, results of rebar scanning, and measured reinforcement sizes. Kimley-Horn also assisted the City in the bidding phase of this project and is currently assisting the City in the Construction Phase of the project.

### **Veteran's Memorial Island Bridge Repairs and Replacement, Vero Beach, FL**

Structural engineer. This project involves the replacement of the existing Veterans Memorial Island bridge over the Rio Mar Bay within the Indian River Lagoon. The replacement bridge is

a 3-span prestressed concrete slab unit bridge that is designed to follow FDOT design criteria for an extremely corrosive environment. The bridge utilizes stainless steel reinforcing steel in the substructure to provide corrosion resistance in this extremely aggressive environment. In addition to designing the bridge Kimley-Horn designed the utility relocations, approach roadway, and revetment. This bridge was constructed in an environmentally sensitive area and required extensive environmental permitting associated with the removal of mangroves as well as oyster relocations. With this bridge being the only access to an island the City wanted the bridge replaced within a 4-month window. The bridge was designed with time sensitive elements in mind and investigated material availability. Kimley-Horn also assisted the City in the bidding and construction phases of the project. Kimley-Horn hosted weekly progress meeting, coordinated material testing, inspected the progress of the work, reviewed pay applications, conducted and coordinated the as-built load rating with FDOT, and project closeout.

# Jerry Piccolo, PE

## Relevant Experience Continued

**SLC Bridge Repairs, St. Lucie County, FL** — Structural engineer. Kimley-Horn, while under on-call services for St. Lucie County, was selected to develop bridge repair plans for 11 deficient bridges throughout St. Lucie County. The repairs consist of both structural and non-structural repairs. Kimley-Horn reviewed the FDOT Bridge Inspection reports and performed a thorough field review of the bridges to develop the bridge repair plans. These bridges were impacted by Hurricane Irma and sustain damage to the revetments due to high flows resulting from Irma. The repairs to the bridges generally consisted of; guardrail repairs, concrete spall repairs, installation of riprap revetment, expansion joint repairs, expansion joint header repairs, vegetation removal, structural crack injection, installation of reinforced concrete pile jackets, milling and resurfacing asphalt approaches, and replacement of roadway striping. In addition, other proposed services include preparation of drawings and specifications, permitting with NSLRWCD, construction support, and project close-out documentation.

**Bridge Conditions Assessments, Lighthouse Point, FL** — Project manager. The City of Lighthouse Point requested that Kimley-Horn provide professional services to inspect and develop condition assessment reports for seven City bridges:

- NE 28th Street over Pelican Waterway (Br. No. 867200)
- NE 29th Street over Tern Waterway (Br. No. 867201)
- NE 31st Court over Heron Waterway (Br. No. 867203)
- LHP Seawall Repairs
- Sample Road over Cap Knight Bayou Canal (Br. No. 867205)
- NE 48th Street over Coral Key Waterway (Br. No. 867208)
- NE 49th Street over Egret Waterway (Br. No. 867209)
- NE 22nd Avenue over North Grand Canal (Br. No. 867210)

Most of these bridges were built in the 1950s and provide access to residents over the City's canal system. This canal system connects to the intercoastal waterway and is an extremely aggressive marine environment. A detailed field inspection was conducted for each bridge and all observed deficiencies were documented with corresponding pictures. Scour measurements were also taken and compared to previously taken measurements from the FDOT bridge inspection reports to investigate for scour/erosion. The condition assessment reports provided repair and evaluation recommendations. Bridge repair plans are being developed to rehabilitate the existing bridges.

**Englewood East Bridge Rehabilitations, Charlotte County, FL** — Structural engineer. Under an on-call consulting services contract, Kimley-Horn was retained by the County to assess and develop rehabilitation plans to facilitate the rehabilitation of four County bridges and a County-owned bridge culvert. The four bridges consist of precast/prestressed sonovoid slab units supported on a row of precast/prestressed concrete piles. The bridge and culvert structures are in good condition, however, the County wanted long-term repairs to improve and maintain the condition into the future. The repairs consist of both structural and non-structural repairs. Kimley-Horn reviewed the FDOT Bridge Inspection reports and performed a thorough field review of the bridges to develop the Bridge Repair Memorandums which identified the recommended repairs. After discussion with the County, the recommended repairs consisted of the following: milling and resurfacing the asphalt wearing surface, installing a waterproofing membrane atop the sonovoid slab units, concrete spall repair, crack injection/crack repairs, vegetation removal, approach roadway safety improvements, and installation of anti-graffiti coating.

**61st and 65th Avenue Bridge Replacements over Lateral A Canal, Indian River County, FL** — Structural lead. As part of the larger 66th Avenue roadway expansion project, the 61st and 65th Street bridges are being replaced over the Lateral A Canal. These bridges are replacing the original 1950's constructed bridges. The new bridges are identical single span bridges that consist of a slab type superstructure spanning between end bents supported on precast/prestressed piles. In addition to designing the bridges, Kimley-Horn designed and permitted the roadway expansion. Kimley-Horn also assisted the County in the bid phase of the project and is currently assisting in the construction phase of the project (one bridge is complete, the other bridge in construction).

**43rd Avenue Bridge Replacement Over S. Relief Canal Project, Indian River County, FL** — Structural engineer of record. This project involves the replacement of the existing deficient two-lane 43rd Avenue bridge over the Fort Pierce Farms Water Control District South Relief Canal. The new bridge is phase constructed with the first phase providing a utility shelf for a water main relocation. The second phase will be constructed to replace the existing bridge. The proposed bridge will provide bidirectional travel lanes, a center turn lane, shoulders, a raised sidewalk, and a utility shelf. This single-span bridge will consist of a precast/prestressed slab unit superstructure that follows FDOT design criteria.

**Bridge Replacement Masterplan, Lighthouse Point, FL** — Project manager. As part of a continuing services contract, Kimley-Horn was selected to develop a bridge replacement masterplan to aid the City in planning for the replacement of seven City-owned bridges that were built in the 1950s. The masterplan provides approximate costs and time frames for design and construction of these seven City bridges.





## Kelly Ward, PE

Deputy Project Manager; Bridge Design/Rehabilitation; Miscellaneous Structures (Seawalls, Bulkheads, etc); Construction Documents/ Specifications; Public Involvement

**6 YEARS OF EXPERIENCE**

PERCENTAGE OF INVOLVEMENT **70%**

### PROFESSIONAL CREDENTIALS

- Master of Engineering, Civil Engineering, University of Florida
- Bachelor of Science, Civil Engineering, University of Florida
- Professional Engineer in Florida, #94735

### SPECIAL QUALIFICATIONS

- Has provided structural design services for several public-sector clients including FDOT Districts Two and Six and Florida's Turnpike Enterprise
- Main areas of practice include bridge design, seawall and retaining wall design, bridge condition assessments, bridge repair design, and transportation signal/sign structures
- Software experience includes AutoCAD, AutoTURN, Civil 3D, FB-MultiPier, LEAP Bridge Concrete, Mathcad, Microsoft Office, MicroStation, and Tekla Tedds, Shoring Suite, Larsa 4D

### RELEVANT EXPERIENCE

**Gordy Road over Ten-Mile Creek Bridge Replacement, St. Lucie County, FL** — Project analyst. Under an on-call services contract for the County, Kimley-Horn performed was tasked with replacing the existing deficient timber bridge with a new structure. The existing bridge served as the single point of access for residents on the south side of 10-Mile creek. A temporary Acrow bridge was utilized to maintain access through construction. This site was constrained by private property on one side and a large radial arm gate water control structures on the other. Our team designed the temporary foundation for the temporary bridge and relocated bridge mounted utilities as part of this project. The three span replacement bridge consisted of a slab type superstructure spanning between reinforced concrete bent caps support on prestressed concrete piles. Kimley-Horn also designed the temporary road, roadway approaches, and maintained access points to the adjacent water control structure. Kimley-Horn also assisted the County in the bidding and construction phases of this project.

### **Veteran's Memorial Island Bridge Repairs and Replacement, Vero Beach, FL**

Project analyst. This project involves the replacement of the existing Veterans Memorial Island bridge over the Rio Mar Bay within the Indian River Lagoon. The replacement bridge is a 3-span prestressed concrete slab unit bridge that is designed to follow FDOT design criteria for an extremely corrosive environment. The bridge utilizes stainless steel reinforcing steel in the substructure to provide corrosion resistance in this extremely aggressive environment. In addition to designing the bridge Kimley-Horn designed the utility relocations, approach roadway, and revetment. This bridge was constructed in an environmentally sensitive area and required extensive environmental permitting associated with the removal of mangroves as well as oyster relocations. With this bridge being the only access to an island the City wanted the bridge replaced within a 4-month window. The bridge was designed with time sensitive elements in mind and investigated material availability. Kimley-Horn also assisted the City in the bidding and construction phases of the project. Kimley-Horn hosted weekly progress meeting, coordinated material testing, inspected the progress of the work, reviewed pay applications, conducted and coordinated the as-built load rating with FDOT, and project closeout.

**SLC Bridge Repairs, St. Lucie County, FL** — Project analyst. Kimley-Horn, while under on-call services for St. Lucie County, was selected to develop bridge repair plans for 11 deficient bridges throughout St. Lucie County. The repairs consist of both structural and non-structural repairs. Kimley-Horn reviewed the FDOT Bridge Inspection reports and performed a thorough field review of the bridges to develop the bridge repair plans. These bridges were impacted by Hurricane Irma and sustain damage to the revetments due to high flows resulting from Irma. The

repairs to the bridges generally consisted of; guardrail repairs, concrete spall repairs, installation of riprap revetment, expansion joint repairs, expansion joint header repairs, vegetation removal, structural crack injection, installation of reinforced concrete pile jackets, milling and resurfacing asphalt approaches, and replacement of roadway striping. In addition, other proposed services include preparation of drawings and specifications, permitting with NSLRWCD, construction support, and project close-out documentation.

**McNab Road Over Cypress Creek (C-14) Bridge Replacement and Terra Mar Drive over Spanish River Bridge Rehabilitation Project, Pompano Beach, FL** — Project analyst. Kimley-Horn provided design and consulting services to the City of Pompano Beach for two separate bridge projects within the City as part of the current G.O. Bond. The project at McNab Road includes the full replacement of the existing bridge and relocation of existing utilities. The proposed bridge will incorporate aesthetic features appropriate to the surrounding areas. Kimley-Horn is leading permitting of this project, including USCG, SFWMD, and Broward County. Improvements at Terra Mar Drive include repairs to the existing bridge and seawalls to address deterioration. The design at this location also includes upsizing the existing water main along Terra Mar Drive and incorporating aesthetic features. Our project team is providing structural, architectural, roadway, permitting, utility adjustment, and geotechnical services for both projects.

# Kelly Ward, PE

## Relevant Experience Continued

**Okeechobee Road (SR 25) from East of NW 87 Ave to NW 79 Ave, FDOT District Six** — Project analyst for final design services for the reconstruction of a ¾-mile section of Okeechobee Road in Miami-Dade County. Services include widening the existing road to 4 lanes in each direction; widening the NW 79th Avenue Bridge over the Miami (SFWMD C-6) Canal; design of a 240-foot span monotube signal structure, design of mast arms signal structures, and design of overhead sign structures. Kimley-Horn also designed the widening of the Ramp D bridge over the SFWMD C-10 canal as well as a retaining wall system that stretches over 1000 feet along the bank of the C-10 Canal. Kimley-Horn is also providing post design services for this project.

**NE 24th Avenue Emergency Bridge Repairs over the Alamanda Waterway, Lighthouse Point, FL** — Project analyst. Under an on-call consulting services contract with the City of Lighthouse Point, Kimley-Horn was selected to study rehabilitation or replacement options for the NE 24th Avenue bridge over the Alamanda Waterway. While conducting a field visit, severe damage was observed to one of the main bridge beams. This bridge serves as the single point of access to a residential island. Kimley-Horn notified the City and developed bridge repair plans within 30 days from observing the damaged beam. Kimley-Horn also assisted the City through the bidding and construction phases of this project. Once the repairs were let to construction, the repairs were constructed within 45 days.

**Buena Vista Boulevard Extension Preliminary Engineering Study (PES) and Design, Wildwood, FL** — Project analyst. Kimley-Horn prepared the Preliminary Engineering Study for the Buena Vista Boulevard Extension, from south of SR 44 to Meggison Road. Three alternative roadway alignments were evaluated based on environmental and engineering impacts, right-of-way and property impacts, public support, and costs. The Board of County Commissioner's approved the recommended alternative in September 2018. The project included public involvement activities including stakeholder coordination, a community alternatives meeting, and presentation to the Board of County Commissioners. Following the PES approval, Kimley-Horn was selected to prepare design plans for the recommended alternative. The design scope included a bridge crossing over sovereign submerged lands, geotechnical evaluations and design for subsoil stabilization, signal design, roundabout design, stormwater design, wetland mitigation, and permitting with SWFWMD, FDEP, and FDOT.

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

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

**Apollo Beach Boulevard Extension/I-75 Flyover (Paseo Al Mar Blvd), Hillsborough County, FL** — Project analyst. Kimley-Horn is designing the extension of Apollo Beach Boulevard from US 41 to Paseo al Mar Boulevard that will result in a 4-lane facility including the bridge over I-75 to the eastern limits of the conservation easement or approach tie-down. Extending Apollo Beach from US 41 to US 301 will serve as an alternative east/west connection ultimately reducing traffic demands on Big Bend Road. This work effort includes alignment and traffic studies; surveying; geotechnical exploration, testing, and analysis; preparing engineering reports with right-of-way maps and environmental documentation incorporating roadway, stormwater detention, and wetland mitigation requirements; permitting requirements; and determination of right-of-way requirements.

**Atlantic Bascule Bridge Improvements, Pompano Beach, FL** — Project analyst. Kimley-Horn served the City of Pompano Beach with CSA Architects and Burkhardt Construction to incorporate safety and aesthetic improvements to this 400-foot bascule bridge over the Intracoastal Waterway. Kimley-Horn designed a replacement traffic railing to improve safety and aesthetics, as well as an under-bridge walkway to improve pedestrian access to the water. The project involved the design and construction of enhancements to the bridge façade, tender house, traffic railings, lighting, large tensioned sails at each end of the bridge (four total) and computerized uplighting, artwork on bridge façades, land-based lighting, and a pedestrian esplanade under the bridge connecting restaurants and buildings from the south to the north. The design-build team was responsible for complete design, permitting, and coordination with FDOT. The project created a signature gateway within the City's Beach district.





## Jamea Long, PE

Quality Control/Quality Assurance; Bridge Design/Rehabilitation

**28** YEARS OF EXPERIENCE

PERCENTAGE OF INVOLVEMENT **25%**

### PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, University of Florida
- Professional Engineer in Florida, #58677

### SPECIAL QUALIFICATIONS

- Has 28 years of engineering experience
- West Palm Beach office's structural team leader
- Responsibilities include quality control of structural calculations and plans, performing calculations, coordinating plan preparation, reviewing shop drawings, writing technical specifications, observing project construction, and conducting structural inspections
- Experience includes writing technical specifications and observing project construction

### RELEVANT EXPERIENCE

#### **I-75 Managed Lane Project (Segments A & B) Design-Build from NW 170th Street to South of Miramar Parkway, FDOT District Four**

— Project manager for the firm's services for this design-build project as a subconsultant to another firm. Jamea was responsible for quality control of the bridge design and construction plans for the prestressed concrete girder bridge and retaining walls. Responsibilities include structural plans for two steel box girder bridges, four precast/prestressed concrete beam bridges, and all retaining walls, toll gantries, and overhead sign structures. Included signing and pavement marking plans, ITS plans, and post-design and construction phase services.

#### **Gordy Road over Ten-Mile Creek Bridge Replacement, St. Lucie County, FL**

Project engineer. Under an on-call services contract for the County, Kimley-Horn performed was tasked with replacing the existing deficient timber bridge with a new structure. The existing bridge served as the single point of access for residents on the south side of 10-Mile creek. A temporary Acrow bridge was utilized to maintain access through construction. This site was constrained by private property on one side and a large radial arm gate water control structures on the other. Our team designed the temporary foundation for the temporary bridge and relocated bridge mounted utilities as part of this project. The three span replacement bridge consisted of a slab type superstructure spanning between reinforced concrete bent caps support on prestressed concrete piles. Kimley-Horn also designed the temporary road, roadway approaches, and maintained access points to the adjacent water control structure. Kimley-Horn also assisted the County in the bidding and construction phases of this project.

#### **Okeechobee Road (SR 25) from East of NW 87 Ave to NW 79 Ave, FDOT District Six**

Structural engineer for final design services for the reconstruction of a ¾-mile section of Okeechobee Road in Miami-Dade County. Services include widening the existing road to 4 lanes in each direction; widening the NW 79th Avenue Bridge over the Miami (SFWMD C-6) Canal; design of a 240-foot span monotube signal structure, design of mast arms signal structures, and design of overhead sign structures. Kimley-Horn also designed the widening of the Ramp D bridge over the SFWMD C-10 canal as well as a retaining wall system that stretches over 1000 feet along the bank of the C-10 Canal. Kimley-Horn is also providing post design services for this project.

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

**Bexley Connect Bridge Over Florida's Turnpike, Sumter County, FL** — Project engineer. Kimley-Horn provided design and permitting services for a four-lane divided roadway bridge over Florida's Turnpike in Sumter County. The project included full civil and structural design and permit coordination with The Villages, Sumter County and Florida's Turnpike. The project included a second span over an existing FGT high pressure gas pipeline and included a decorative pedestrian enclosure that will allow pedestrians, bicycles, and golf carts to cross over Florida's Turnpike.

**US 1 over the Sebastian Inlet, Observation Pier Replacement, and Miscellaneous Bridge Repairs, FDOT District Four, Indian River and Brevard Counties** — Project engineer. Kimley-Horn provided concrete repair and restoration associated with the mainline bridge superstructure. The approach spans use PC/ PS AASHTO girders, while the main spans use post-tensioned concrete girders. Repairs include epoxy injection, spall repair, strand splicing, and the cleaning/coating of existing steel bearings.



# Stefano Viola, PE

Principal-in-Charge; Utility Relocation Design

**19 YEARS OF EXPERIENCE**  
**PERCENTAGE OF INVOLVEMENT 40%**

## PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, Florida International University
- Professional Engineer in Florida, #74655
- Florida Engineering Society
- American Society of Civil Engineers (ASCE)
- American Public Works Association (APWA)

## SPECIAL QUALIFICATIONS

- Nearly two decades of engineering experience, including roadway restoration/resurfacing, drainage modeling, water/wastewater utility design, stormwater master planning, preparation of engineering drawings, permitting, and site/plan preparation and review
- Prior to joining Kimley-Horn, served as sergeant in the United States Marine Corps for five years
- Experience with AutoCAD, WaterCAD, StormCAD, and Cascade

## RELEVANT EXPERIENCE

### NW 21st Street Roadway Improvements / LAP Assistance, Lauderdale Lakes, FL

Project manager. 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. 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.

**SW 67th Avenue Design, Davie, FL —** Project manager for an extension of the Town’s existing roadway from NW 41st Court south to Orange Drive. The expansion provided approximately 1,400 linear feet of a new 2-lane roadway that included roadway swales and exfiltration trench for drainage. Along with the roadway and drainage improvements, the project included an 8-foot-wide sidewalk addition to improve pedestrian and equestrian traffic through the Town. The project provided additional access to the area schools and helped alleviate traffic on Davie Road extension.

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

Project engineer. Broward County implemented road improvements for the widening of Wiles Road to a 6-lane divided urban arterial from Riverside Drive to Rock Island Road. As part of the roadway improvements the City of Coral Springs was required to relocate approximately 5,650 LF of 6”, 8”, 10”, 12”, and 16” watermain throughout the corridor. The City of Coral Springs selected Kimley-Horn to prepare the utility relocation plans that Stefano signed and sealed. Kimley-Horn prepared construction documents, permitted, and is providing post design services for this project while working closely with the City, County and County’s roadway design firm to ensure that little to no interruptions of the end users’ services occurred.

### McNab Road Over Cypress Creek (C-14) Bridge Replacement and Terra Mar Drive over Spanish River Bridge Rehabilitation Project, Pompano Beach, FL —

Project engineer. Kimley-Horn provided design and consulting services to the City of Pompano Beach for two separate bridge projects within the City as part of the current G.O. Bond. The project at McNab Road includes the full replacement of the existing bridge and relocation of existing utilities. The proposed bridge will incorporate aesthetic features appropriate to the surrounding areas. Kimley-Horn is leading permitting of this project, including USCG, SFWMD, and Broward County. Improvements at Terra Mar Drive include repairs to the existing bridge and seawalls to address deterioration. The design at this location also includes upsizing the existing water main along Terra Mar Drive and incorporating aesthetic features. Our project team is providing structural, architectural, roadway, permitting, utility adjustment, and geotechnical services for both projects.

**Stormwater Master Plan Update, Lighthouse Point, FL —** Project manager. Under a continuing services contract, Kimley-Horn provided professional assistance to the City of Lighthouse Point for the development of a revised Stormwater Master Plan. The goal of the project was to help the City evaluate the performance of their existing stormwater infrastructure and identify prioritized capital improvement projects that would alleviate deficiencies and mitigate flooding. The 5- and 10-year 24-hour storm events and the 25- and 100-year 72-hour storm events were modeled using ICPR v 4.07 software. Sea level rise was also accounted for in the analysis through a tidal boundary condition at the City’s outfalls.



## Jaime Ghitelman, PE

Miscellaneous Structures (Seawalls, Bulkheads, etc.);  
Structural Inspections/Condition Assessments; Construction  
Documents/Specifications

**9 YEARS OF EXPERIENCE**

PERCENTAGE OF INVOLVEMENT **70%**

### PROFESSIONAL CREDENTIALS

- Master of Science, Civil and Environmental Engineering, Georgia Institute of Technology
- Bachelor of Science, Civil Engineering, Georgia Institute of Technology
- Professional Engineer in Florida, #87473
- American Institute of Steel Construction

### SPECIAL QUALIFICATIONS

- Over 9 years of experience involved with civil engineering, structural, and forensics projects
- Technical Diving International (TDI) – Intro to Tech Diving Certification, #856075
- Software experience includes AutoCad and Autodesk
- Proficient in Finite Elements Analysis Programs: RISA 3D, STAAD, RAM Elements

### RELEVANT EXPERIENCE

**Seawall and Dock Inspections, FL** — Project engineer and inspector for the assessment of multiple seawalls and docks throughout the state of Florida. Tasks include performing underwater observations of seawalls and docks, development of condition assessment reports with recommendations, and developing repair drawings or protocols for concrete/steel repairs. Projects range from steel sheet pile walls and concrete walls.

**Mercy Hospital Seawall and Loading Dock Replacement, Miami, FL** — Lead diver and project analyst for the dock portion of the project. This project included strengthening of 2,000 feet of seawall along the perimeter of Mercy Hospitals property in Miami. The design and construction tasks for this project included steel sheetpile installation, tie rod installation between existing wall and new wall, concrete cap placement, backfill, and site grading. This project also included the construction of a new landing dock for rescue vessels adjacent to the seawall. Kimley-Horn provided design, planning, bidding, permitting, and construction phase services for this \$4-million project.

**Citrus Avenue Bridge Repairs over FEC Railway, Fort Pierce, FL** — Project analyst. As part of the City of Fort Pierce continuing services contract, Kimley-Horn was selected to provide design services for the repair and rehabilitation of the Citrus Avenue Bridge over the FEC Railway. The existing Citrus Avenue bridge is a ten-span, 502 ft long, steel beam bridge that was built in 1957. The project includes the following partial height deck replacement for areas of the deck that had severe deterioration, concrete spall repairs and to the traffic railings, bridge deck, diaphragms, pile caps, and concrete piles, removing and replacing the coating on the steel beams and bearing assemblies, repairs to the existing steel armored angle expansion joint headers, replacement of the existing expansion joints, replacement of striping, and vegetation removal. Other proposed services include preparation of drawings and specifications, permitting with FEC Railway, construction support, and project close-out documentation.

**Ponce Bridge Preventative Maintenance Program, Puerto Rico** — Project analyst tasked with performing the field work and developing the plans and specifications. Kimley-Horn was contracted to perform an assessment of seven bridges along PR-52 in the Ponce Municipality of Puerto Rico. As part of this contract, Kimley-Horn develop the preventative maintenance protocol that the Transportation Authority can use to determine what preventative procedures should be performed on the bridges. Additionally, Kimley-Horn developed plans and specifications for the implementation of these procedures.

**Annie's Dock, Palm Beach, FL** — Structural engineer. Kimley-Horn provided professional engineering services for the marine aspects of the repair and restoration of Annie's Dock on the North End of Palm Beach Island. Repairs and restoration included the removal of damaged concrete caps, the elevating of the existing structures, the refurbishment of the existing metal walkways damaged during Hurricane Irma.

**Brickell Key One Property Structural Assessment and Repair Work, Miami, FL** — Engineer and inspector for a building repair design and construction phase services. Built in the 1970s, the Brickell Key One property includes a 22-story oceanfront condominium tower with two additional levels of parking, a commercial complex, and an oceanfront "bay home" townhouse building. Subsequent to the property condition assessment of exterior façade and concrete elements of the building, Kimley-Horn has performed the analysis, design, and preparation of construction drawings, product specifications, and bid packages for the repairs.





# Eric Regueiro, PE

Minor Highway Design (Roadway/Drainage)

**18 YEARS OF EXPERIENCE**

PERCENTAGE OF INVOLVEMENT **45%**

## PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, University of California, Irvine
- Professional Engineer in Florida, #86211
- Professional Engineer in California, #78161
- American Society of Civil Engineers (ASCE)

## SPECIAL QUALIFICATIONS

- More than 18 years of experience in civil engineering for roadway and land development projects, with emphasis on street improvement design, pavement condition analysis, grading and drainage, stormwater management, and sewer and water system design
- Technical skills support a wide range of projects, from local roadway improvements to major interchange, grade separation, and regional transportation projects
- His extensive knowledge of local agency requirements includes roadway geometry, utilities, signals, lighting, drainage, and application of various engineering software such as AutoCAD Civil 3D and MicroStation, enabling him to design and model roadways using the client's preferred CAD software

## RELEVANT EXPERIENCE

**Tropic Isles Roadway Underground Utility Improvements, Delray Beach, FL** — Project manager. As part of infrastructure improvements and improving resiliency against sea level rise for the Tropic Isle Neighborhood Area, Kimley-Horn was retained to provide engineering services for sanitary sewer, water main, stormwater management, roadway rehabilitation, paving and drainage improvements. The area includes a total of approximately 5.75 miles of roadways. Final construction documents will be prepared for all 26 roads and phased to allow the contractor and residents flexibility during construction. This project includes raising 16 of the 26 roads to improve local drainage and requires 800+ residential driveways to be impacted.

**Lowson Boulevard Improvements Project, Delray Beach, FL** — Project manager. Kimley-Horn was selected by the City of Delray Beach to provide professional engineering services to assist with the initial design and final design of the roadway improvements to Lowson Boulevard between Dover Road and S.E. 5th Avenue. The project includes shared-use paths for pedestrians and cyclists and other improvements for a 2.5-mile segment of the roadway. The project is partially funded through the FDOT LAP program. In addition, the project included intensive public involvement, coordination with TPA and FDOT, shared-use paths, paving and drainage improvements, curbing, signing and pavement marking, two railroad at-grade crossings, signal modifications, and lighting improvements.

**SE 1st Street 30% Plans, Boynton Beach, FL** — Project manager. As part of the on-call general consulting engineering services contract with the City, Kimley-Horn provided the conceptual engineering design services for the SE 1st Street Sidewalk Improvements Project. The project used the information prepared during the Grant Application and Conceptual Engineering phase and the topographic field survey and right-of-way survey provided by the City to advance the design up to the 30% preliminary plans. Services included base mapping, typical section development, oversight of horizontal alignment analysis, redesign of intersection geometry at SE 12th Avenue and at-grade crossing modifications, review of vertical alignment and cross sections analysis, preliminary drainage review, utility coordination, and neighborhood traffic calming study.

**Lake Worth Neighborhood Road Program Year 4, Lake Worth, FL** — Project manager on the team that provided the City of Lake Worth with civil engineering services consisting of design and roadway construction drawings for year 4 projects assisting the City with its pavement rehabilitation program for 19 different streets totaling approximately 12,000 linear feet. The effort focused mainly on plans, specifications, and construction inspection services for pavement rehabilitation on roadways with the lowest pavement condition index. Tasks include data collection, utility coordination, development of construction documents, bidding assistance, and construction observation.

**Dixie Highway and Atlantic Boulevard Improvements, Pompano Beach, FL** — Assistant project manager for final design and construction documents for the reimagining of these corridors to provide bike and pedestrian friendly environment. This included shared-use paths along both sides of Atlantic Blvd and separated shared-use path along Dixie Highway. The Dixie Highway project limits are from McNab Road to Sample Road and Atlantic Boulevard from NW 6th Avenue to Cypress Road. This project is part of the City of Pompano Beach GO Bond program and includes beautification of the roadway to include paving, drainage improvements, sidewalks, lighting, parking, multiuse trails, landscaping, irrigation, and curbing.



## Brandon Kern, PE

Minor Highway Design (Roadway/Drainage)

**8 YEARS OF EXPERIENCE**

**PERCENTAGE OF INVOLVEMENT 55%**

### PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, University of Florida
- Professional Engineer in Florida, #90729

### SPECIAL QUALIFICATIONS

- More than eight years of experience in the preparation of roadway plans, signing and pavement marking plans, signalization plans, and SWPP Plans
- He served as a utility coordinator for multiple FDOT projects and is highly experienced FDOT internal systems including Trns\*port, LRE and PSEE
- Brandon has worked on several FDOT District Four LAP projects in South Florida including Lowson Boulevard and Lindell Boulevard for the City of Delray Beach; SE 1st Street Final Engineering Design for the City of Boynton Beach; and Miramar Bike and Pedestrian Improvements for the City of Miramar
- His software skills include MicroStation, AutoTurn, GuideSign, and Geopak

### RELEVANT EXPERIENCE

**Lyons Road Bridge Over LWDD L-38 Canal, Palm Beach County, FL** — Structural engineer. As a subconsultant to another firm, Kimley-Horn provided structural design services for a new Lyons Road bridge over the Lake Worth Drainage District (LWDD) L-38 Canal adjacent to the existing bridge. As there was a large-in-diameter watermain running adjacent to the canal, careful attention needed to be maintained when working adjacent to existing large underground utilities and overhead electric lines that may interfere with bridge pile driving. Kimley-Horn permitted and coordinated closely with LWDD for the design of the new bridge and consideration of canal access. Our team also provided post-design services for the bridge replacement.

**Florida's Turnpike Mainline Widening Design, Boynton Beach to Lake Worth, Florida's Turnpike Enterprise** — Project engineer. Kimley-Horn evaluated the realignment of Florida's Turnpike to the west to accommodate an ultimate 7.2-mile eight-lane configuration while mitigating the risk of a possible triggering event associated with Florida's Gas Transmission (FGT) Specified Width. Structurally, this project encompasses the widening of three bridges (Turnpike over Stanley Weaver Canal, Turnpike over Lantana Road, and Turnpike over Lake Worth Road), the replacement of the Hypoluxo Road bridge over the Turnpike, and structural modifications to the Ramp D1 and D3 bridge over LWDD E-2E canal. The project also included the design and construction of 1,800 feet of bulkhead walls in the Lake Worth Drainage District (LWDD)'s E-2W Canal. The Hypoluxo Road bridge over the Turnpike was constructed in phases in order to maintain two lanes of traffic along Hypoluxo Road and Turnpike traffic. In addition to bridge and roadway construction, Kimley-Horn designed maintenance of traffic, drainage, lighting, utility relocations, ITS infrastructure, and signing and pavement marking for this stretch of Florida's Turnpike.

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

**Midway Road (CR 712) Design and Reconstruction, FDOT District Four** — Project engineer responsible for roadway design, signing and pavement marking, MOT, drainage, SWPPP. The project includes replacement of the existing bridge over the North Fork of the St. Lucie River and will also include retaining walls, drainage ponds, signing, lighting, signalization, landscape and irrigation and wetland mitigation. The corridor is within a historic area and our design will consider right-of-way impacts, impacts to parks and schools, resident concerns, access management changes, flooding and environmental concerns, 4(f) properties, utilities, and possibly decorative lighting within the historic limits.

**SE 1st Street Final Engineering Design Services, Boynton Beach, FL** — Project engineer. Kimley-Horn was selected by the City of Boynton Beach to provide professional engineering services to for final design of the roadway improvements to SE 1st Street between Woolbright Road and SE 2nd Avenue. The project includes shared-use paths for pedestrians and cyclists and other improvements for a 0.75-mile segment of the roadway. The project is partially funded through the FDOT LAP program. In addition, the project included intensive public involvement, paving and drainage improvements, curbing, signing and pavement marking, railroad at-grade crossing coordination, and redesign of intersection geometry at SE 12th Avenue.





# Max Teddy, PE

Minor Highway Design (Roadway/Drainage)

**3 YEARS OF EXPERIENCE**

**PERCENTAGE OF INVOLVEMENT 50%**

## PROFESSIONAL CREDENTIALS

- Master of Science, Civil Engineering, Clemson University
- Bachelor of Science, Civil Engineering, Clemson University
- Professional Engineer in Florida, #99453

## SPECIAL QUALIFICATIONS

- Has three years of experience providing roadway and signing and pavement marking design, drainage design, lighting design, and utility coordination for a variety of projects, with an emphasis in bicycle and pedestrian connectivity projects and complete streets
- He has worked on projects for several public-sector clients including FDOT District Four, and the cities of Palm Beach Gardens, Delray Beach, Boynton Beach, Pompano Beach, Fort Lauderdale, Hollywood, and Miramar
- Proficient in industry software such as AutoCAD Civil 3D, AutoTurn, GuideSign, Microstation SS10, OpenRoads, and AGI Lighting Software, as well as Microsoft Office and ArcGIS Pro

## RELEVANT EXPERIENCE

**Miramar Bike and Pedestrian Improvements (LAP), Miramar, FL** — Project analyst. Kimley-Horn was selected by the City of Miramar to provide professional engineering service to assist with the design of the Miramar Bike and Pedestrian Improvement LAP Project. The project consists of three (3) segments: Miramar Parkway from Commerce Parkway to Douglas Road; SW 148th Avenue from SW 48th Court to SW 27th Street; and SW 68th Avenue from Miramar Parkway to SW 27th Court. This project features the addition of sidewalks, bike lanes, and shared-use paths along the three segments. In addition to design, project management, and LAP coordination, the project includes utility coordination, subsurface utility exploration (SUE), landscaping, permitting, environmental documentation, LAP documentation, bidding services, public involvement, and post design services.

**Dixie Highway and Atlantic Boulevard Improvements, Pompano Beach, FL** — Project analyst. Kimley-Horn was selected by the City of Pompano Beach to provide professional engineering services for all of Dixie Highway within the City limits along with a segment of Atlantic Blvd. The project included the reimagining of the roadway corridors to provide bike and pedestrian friendly environment. This included shared-use paths along both sides of Atlantic Blvd and separated shared-use path along Dixie Highway. We provided the final design and construction documents for the beautification Gateway elements of Atlantic Boulevard and Dixie Highway to revitalize the downtown area of Pompano. The Dixie Highway project limits are from McNab Road to Sample Road and Atlantic Boulevard from I-95 to Cypress Road. This project is part of the City of Pompano Beach GO Bond program and includes beautification of the roadway to include paving, drainage improvements, sidewalks, lighting, parking, multiuse trails, landscaping, irrigation, and curbing.

**4Design Services for Lindell Blvd. from Linton Blvd. to US-1/Federal Highway and Barwick Rd. from SR-806/Atlantic Ave. to Lake Ida Rd., Delray Beach, FL** — Project analyst. Kimley-Horn was selected by the City of Delray Beach to provide civil engineering and design services roadway improvements for approximately 1.3 miles of Lindell Boulevard. The project limits are 200 feet south of Linton Boulevard along SW 10th Avenue to Lindell Boulevard and Lindell Boulevard from SW 10th Avenue to the west side of the Florida East Coast (FEC) Railroad crossing (not including any work within FEC R/W). This project is funded through a TPA grant and local city funds. The project will be administered by FDOT under the Local Agency Program (LAP). In addition to design, project management, and LAP coordination, the project includes pedestrian lighting photometrics design, utility coordination, subsurface utility exploration (SUE), permitting, bidding services, public involvement, and post design services.

**Fort Lauderdale Breakers Avenue Streetscape Improvements Project, Fort Lauderdale, FL** — Project analyst. Breakers Avenue lies at the center of the North Beach district in Fort Lauderdale Beach, FL. The North Beach district is blossoming and has the opportunity to become a more desirable destination for tourists and locals alike. Breakers Avenue is situated adjacent to A1A, stretching from Riomar St. to Vistamar St., behind the

hotels and restaurants that front the beach. New business and development is encouraging Breakers Avenue to become a more important corridor for pedestrian and vehicular traffic. With the reinvigoration and personalization of Breakers Avenue's street design, it can not only increase the desirability of the North Beach District, but also return breath life back into its artistic community. The new design of Breakers Avenue will keep tourism, history, and the arts in mind to design a street that improves the existing transportation and infrastructure. The goal of the project is to make Breakers Avenue comfortable, connected, safe, and a memorable destination experience. Breakers Avenue, will become a complete street that reduces the excess pavement, formalizes the seating and gathering spaces, and creates event spaces with the use of street trees, varied seating options, a unified material design, and a pedestrian friendly approach.



# Carly-Cliff Derosier, PE

Bridge Design/Rehabilitation

**4 YEARS OF EXPERIENCE**

**PERCENTAGE OF INVOLVEMENT 60%**

## PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, Pennsylvania State University
- Professional Engineer in Florida, #99738

## SPECIAL QUALIFICATIONS

- Has four years of experience with the design, rehabilitation, and analysis of transportation structures such as bridges and culverts
- Experience also includes work on miscellaneous structures including retaining walls, boardwalks, aerial pipe bridges, parking structures, and water control structures
- Has provided project management for construction and bid phase services
- Responsibilities include performing calculations, plan preparation, reviewing shop drawings, and observing project construction

## RELEVANT EXPERIENCE

**Gordy Road over Ten-Mile Creek Bridge Replacement, St. Lucie County, FL** — Project analyst. Under an on-call services contract for the County, Kimley-Horn was tasked with replacing the existing deficient timber bridge with a new structure. The existing bridge served as the single point of access for residents on the south side of Ten-Mile creek. A temporary Acrow bridge was utilized to maintain access through construction. This site was constrained by private property on one side and a large radial arm gate water control structures on the other. Our team designed the temporary foundation for the temporary bridge and relocated bridge mounted utilities as part of this project. The three-span replacement bridge consisted of a slab type superstructure spanning between reinforced concrete bent caps support on prestressed concrete piles. Kimley-Horn also designed the temporary road, roadway approaches, and maintained access points to the adjacent water control structure. Kimley-Horn also assisted the County in the bidding and construction phases of this project.

**Veteran's Memorial Island Bridge Repairs and Replacement, Vero Beach, FL** — Project analyst. This project involves the replacement of the existing Veteran's Memorial Island bridge over the Rio Mar Bay within the Indian River Lagoon. The replacement bridge is a three-span prestressed concrete slab unit bridge that is designed to follow FDOT design criteria for an extremely corrosive environment. The bridge utilizes stainless steel reinforcing steel in the substructure to provide corrosion resistance in this extremely aggressive environment. In addition to designing the bridge, Kimley-Horn designed the utility relocations, approach roadway, and revetment. This bridge was constructed in an environmentally sensitive area and required extensive environmental permitting associated with the removal of mangroves as well as oyster relocations. With this bridge being the only access to an island the City wanted the bridge replaced within a four-month window. The bridge was designed with time-sensitive elements in mind and investigated material availability. Kimley-Horn assisted the City in the bidding and construction phases of the project. Kimley-Horn hosted weekly progress meeting, coordinated material testing, inspected the progress of the work, reviewed pay applications, conducted and coordinated the as-built load rating with FDOT, and project closeout.

**Bay and River Drive Bridge Repairs, Vero Beach, FL** — Project analyst. The project involved the Bay Drive and River Drive bridges in the City of Vero Beach. Built in 2010, the bridges are prestressed concrete slab unit bridges. Specific services included bridge rehabilitation plans to address structural and non-structural deficiencies found in both the Florida Department of Transportation (FDOT) Bridge Inspection Report and in the field review. The repairs consisted of concrete restoration, concrete crack repair, asphalt crack repair, expansion joint repairs, and class 5 coating.

**Bexley Connect Bridge Over Florida's Turnpike, Sumter County, FL** — Project analyst. Kimley-Horn provided design and permitting services for a four-lane divided roadway bridge over Florida's Turnpike in Sumter County. The project included full civil and structural design and permit coordination with The Villages, Sumter County and Florida's Turnpike. The project included a second span over an existing FGT high pressure gas pipeline and included a decorative pedestrian enclosure that will allow pedestrians, bicycles, and golf carts to cross over Florida's Turnpike.

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





# Katiushka Rich, EI

Bridge Design/Rehabilitation; Construction Documents/Specifications

**4 YEARS OF EXPERIENCE**

**PERCENTAGE OF INVOLVEMENT 65%**

## PROFESSIONAL CREDENTIALS

- Master of Science, Civil Engineering, University of Florida
- Bachelor of Science, Civil Engineering, University of Florida
- Engineering Intern in Florida, #1100025017

## SPECIAL QUALIFICATIONS

- Structural engineering analyst with experience performing structural designs, producing plans, conducting structural inspections, and evaluating existing structures for municipal projects
- Her experience also includes providing bidding and construction phase services for bridge projects

## RELEVANT EXPERIENCE

### **Veteran's Memorial Island Bridge Repairs and Replacement, Vero Beach, FL**

Project analyst. This project involves the replacement of the existing Veterans Memorial Island bridge over the Rio Mar Bay within the Indian River Lagoon. The replacement bridge is a 3-span prestressed concrete slab unit bridge that is designed to follow FDOT design criteria for an extremely corrosive environment. The bridge utilizes stainless steel reinforcing steel in the substructure to provide corrosion resistance in this extremely aggressive environment. In addition to designing the bridge Kimley-Horn designed the utility relocations, approach roadway, and revetment. This bridge was constructed in an environmentally sensitive area and required extensive environmental permitting associated with the removal of mangroves as well as oyster relocations. With this bridge being the only access to an island the City wanted the bridge replaced within a 4-month window. The bridge was designed with time sensitive elements in mind and investigated material availability. Kimley-Horn also assisted the City in the bidding and construction phases of the project. Kimley-Horn hosted weekly progress meeting, coordinated material testing, inspected the progress of the work, reviewed pay applications, conducted and coordinated the as-built load rating with FDOT, and project closeout.

### **NE 24th Avenue Bridge Replacement Study, Lighthouse Point, FL —** Project analyst.

As part of a continuing services contract, Kimley-Horn was retained to study the feasibility of replacing the existing NE 24th Avenue bridge with a precast arch span structure, a bridge box culvert, or a three-span replacement bridge alternative. This bridge is the single point of access to a residential island community and a single lane of traffic must be maintained through construction. The study investigated permitting requirements, utility impacts, utility relocations, maintenance of traffic, alternative funding opportunities, and constructability within the 50-foot right-of-way.

**Johnston Road over FPFWCD Canal 1, St. Lucie County, FL —** Project analyst. This project involved the replacement of two large diameter culverts with a bridge structure. This section of Johnston Road is located at the confluence of Fort Pierce Farms Water Control Districts Canal 1 and Canal 15. These canals currently cross under Johnston Road utilizing

large diameters pipe culverts. The existing roadway alignment introduces an s-curve at the culverts that is a safety hazard. The project utilizes a 5-span bridge to cross both canals. Span 2 of the bridge is a variable span length cast-in-place slab system that allows a change in skew to better cross the canals. Spans 1, 3, 4, and 5 consist of precast/prestress slab units that span between reinforced concrete bents that are supported on precast/prestressed concrete piles. This bridge follows FDOT design criteria.

**McNab Road Over Cypress Creek (C-14) Bridge Replacement and Terra Mar Drive over Spanish River Bridge Rehabilitation Project, Pompano Beach, FL —** Project analyst. Kimley-Horn provided design and consulting services to the City of Pompano Beach for two separate bridge projects within the City as part of the current G.O. Bond. The project at McNab Road includes the full replacement of the existing bridge and relocation of existing utilities. The proposed bridge will incorporate aesthetic features appropriate to the surrounding areas. Kimley-Horn is leading permitting of this project, including USCG, SFWMD, and Broward County. Improvements at Terra Mar Drive include repairs to the existing bridge and seawalls to address deterioration. The design at this location also includes upsizing the existing water main along Terra Mar Drive and incorporating aesthetic features. Our project team is providing structural, architectural, roadway, permitting, utility adjustment, and geotechnical services for both projects.

**Lighthouse Point Seawall Repairs, Lighthouse Point, FL —** Project analyst. Kimley-Horn was retained to develop repair plans to facilitate the rehabilitation of the City's 15 seawalls. The repairs consist of revetment installation, mortar packing the coral rock walls, seawall cap replacement, crack sealing, and concrete repairs. In addition to designing repairs, Kimley-Horn is also assisting the environmental permitting of the revetment repairs with US Army Corps of Engineers and Broward County.



# Sean Menker, EIT (OH)

Bridge Design/Rehabilitation

**1 YEARS OF EXPERIENCE**

**PERCENTAGE OF INVOLVEMENT 50%**

## PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, University of Dayton
- Engineer in Training in Ohio, #El.15125

## SPECIAL QUALIFICATIONS

- Structural engineering analyst with experience performing structural designs, producing plans, conducting structural inspections, and evaluating existing structures for municipal projects
- Worked on projects with Microstation SS10 (Geopak), Open Bridge, Leap Bridge, Microsoft Office, Mathcad, and Tedds Structural Analysis (Roof, Rolling Analysis, Beam Inspection)

## RELEVANT EXPERIENCE

**Terra Mar Bridge Repair, Pompano Beach, FL** — Project analyst. Rehabilitation superstructure of a sonovoid slab unit bridge. The rehabilitation is to repair and address deficiencies of the superstructure as noted on the most recent FDOT Bridge Inspection report. Post-rehabilitation, new FDOT guidance indicated challenges with sonovoid slab unit bridges, which can experience undetected internal corrosion. Kimley-Horn conducted a field review, gathered data, defined repair limits, and determined required dimensions, using a jon boat to access undersides of the sonovoid slab units. Kimley-Horn's investigation led to specific repair recommendations, including Ultra-High-Performance Concrete and waterproofing. Kimley-Horn is preparing detailed repair plans and assisting with the bidding process, ensuring compliance with FDOT standards.

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

**Turnpike Widening from Boynton to Lake Worth (Post Design Services), Florida's Turnpike Enterprise, Lake Worth, FL** — Project analyst. Kimley-Horn was selected for the 7.2-mile reconstruction of existing four-lane to eight lane divided expressway that includes a new interchange and conversion of mainline barrier plaza into full 8-lane open road tolling (ORT) expressway complete with ramp manual tolling. The project encompasses roadway widening, bridge widening and replacements, 2,500-ft. of a major Lake Worth Drainage District Canal relocation, drainage design, right-of-way acquisition, new toll plaza buildings, overhead signage, pavement markings, signalization, lighting, landscaping, ITS system relocation, utility adjustment, new sound barrier wall, and complex traffic control during construction.

**Miami Beach Safe Route to School, Miami Beach, FL** — Project analyst. This task-order based contract includes alternative modes of transportation safe for children to encourage walking and bicycling to school. Services also include specifications package preparation, signing and pavement marking analysis and plans.

**Post Design Services - HEFT - Johnson Aux Lane, Hollywood, FL** — Project analyst. As a supplement to Kimley-Horn's current mainline widening design for this section of the Turnpike, Kimley-Horn is designing the addition of auxiliary lanes northbound and southbound as an interim 8-lane improvement to the 10-lane ultimate widening project and improvements at the Hollywood Boulevard interchange. Design services also include resurfacing, drainage, signage, ITS upgrades, and lighting. Significant signalization and signing and pavement marking upgrades, including dual lefts and triple right turns will be added to the Hollywood Boulevard offramps.





# Tori Bacheler, PWS

Environmental/Project Permitting

**13 YEARS OF EXPERIENCE**  
**PERCENTAGE OF INVOLVEMENT 40%**

## PROFESSIONAL CREDENTIALS

- Master of Science, Marine and Environmental Biology, Nicholls State University
- Bachelor of Science, Wildlife Management, University of Florida
- Professional Wetland Scientist #3486
- Gopher Tortoise Agent GTA-22-00003

## SPECIAL QUALIFICATIONS

- Experience working with municipal, state and federal agencies such as the US Army Corps of Engineers and Water Management Districts
- Experience conducting wetland delineations, Florida scrub-jay surveys, gopher tortoise surveys and relocations, sand and blue-tailed mole skink coverboard surveys, Johnson's seagrass surveys, crested caracara surveys, wood stork, Florida sandhill crane, Florida burrowing owl, and protected wading birds surveys
- Experience with NEPA documentation

## RELEVANT EXPERIENCE

**Lighthouse Point Bridge Repairs, Lighthouse Point, FL** — Environmental scientist. As part of a continuing services contract, Kimley-Horn was retained by the City to conduct field reviews and develop bridge repair plans to facilitate the rehabilitation of eight City-owned vehicular bridges and two pedestrian bridges. The repair plans were developed to address the deficiencies observed on the field visit and the FDOT Bridge Inspection Reports. There are no as-built plans available for any of the seven 1950s-constructed bridges. In addition to developing repair plans, the Kimley-Horn team performed a load rating analysis on the existing bridge utilizing field measurements, results of rebar scanning, and measured reinforcement sizes. In addition to design, Kimley-Horn also permitted the bridge repairs for the Sample Road bridge through the US Army Corps of Engineers and Broward County. Kimley-Horn also assisted the City in the bidding phase of this project and is currently assisting in the City in the construction phase of the project.

### **Veteran's Memorial Island Bridge Repairs and Replacement, Vero Beach, FL**

Environmental scientist. This project involves the replacement of the existing Veterans Memorial Island bridge over the Rio Mar Bay within the Indian River Lagoon. The replacement bridge is a 3-span prestressed concrete slab unit bridge that is designed to follow FDOT design criteria for an extremely corrosive environment. The bridge utilizes stainless steel reinforcing steel in the substructure to provide corrosion resistance in this extremely aggressive environment. In addition to designing the bridge Kimley-Horn designed the utility relocations, approach roadway, and revetment. This bridge was constructed in an environmentally sensitive area and required extensive environmental permitting associated with the removal of mangroves as well as oyster relocations. With this bridge being the only access to an island the City wanted the bridge replaced within a 4-month window. The bridge was designed with time sensitive elements in mind and investigated material availability. Kimley-Horn also assisted the City in the bidding and construction phases of the project. Kimley-Horn hosted weekly progress meeting, coordinated material testing, inspected the progress of the work, reviewed pay applications, conducted and coordinated the as-built load rating with FDOT, and project closeout.

### **Gordy Road over Ten-Mile Creek Bridge Replacement, St. Lucie County, FL**

Environmental scientist. Under an on-call services contract for the County, Kimley-Horn performed was tasked with replacing the existing deficient timber bridge with a new structure. The existing bridge served as the single point of access for residents on the south side of 10-Mile creek. A temporary Acrow bridge was utilized to maintain access through construction. This site was constrained by private property on one side and a large radial arm gate water control structures on the other. Our team designed the temporary foundation for the temporary bridge and relocated bridge mounted utilities as part of this project. The three span replacement bridge consisted of a slab type superstructure spanning between reinforced concrete bent caps support on prestressed concrete piles. Kimley-Horn also designed the temporary road, roadway approaches, and maintained access points to the adjacent water control structure. Kimley-Horn also assisted the County in the bidding and construction phases of this project.

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



# Lisa Celano, GTA

## Environmental/Project Permitting

**9 YEARS OF EXPERIENCE**

**PERCENTAGE OF INVOLVEMENT 45%**

### PROFESSIONAL CREDENTIALS

- Master of Science, Biological Sciences, Florida Atlantic University
- Bachelor of Science, Biological Sciences, Florida Atlantic University
- Gopher Tortoise Agent #GTA-24-00081

### SPECIAL QUALIFICATIONS

- Lisa is an environmental scientist experienced in conducting field work, including listed species surveys, wetland delineations, and benthic resource surveys
- Has helped to prepare environmental permit applications including USACE/FDEP Section 404 dredge/fill permits, Environmental Resource Permits, and various County-specific permits
- Experienced in preparing environmental reports relative to threatened/endangered species and their habitat, ecological communities, land cover/vegetation, wetlands, soils, hydrology, archaeological and historical resources, and floodplains

### RELEVANT EXPERIENCE

#### **Fort Hamer Road and Bridge PD&E Study and Final Design, Manatee County, FL**

Environmental scientist. Kimley-Horn was the prime consultant for the PD&E study and final design for widening of the existing two-lane Fort Hamer Road to four lanes from Upper Manatee River Road to US 301, approximately four miles, within unincorporated Manatee County. The scope of services included an evaluation of the traffic needs, intersection control evaluations, pond siting, bridge analysis, bridge hydraulics, contamination screening, natural resource evaluation, cultural resource assessment, and public involvement to FDOT standards. The PD&E study was conducted to FDOT standards to maintain federal funding eligibility for future phases. The bridge (Bridge #134123) included within the project limits, carrying Fort Hamer Road across the Manatee River, is also proposed to be widened to four lanes. The goal of this project is to address the capacity and transportation demand of the corridor while enhancing safety conditions and better accommodating multimodal activity within the area. The PD&E study began in 2023 and the final design is anticipated to be complete in 2026.

#### **McNab Road Over Cypress Creek (C-14) Bridge Replacement and Terra Mar Drive over Spanish River Bridge Rehabilitation Project, Pompano Beach, FL**

Environmental scientist. Kimley-Horn provided design and consulting services to the City of Pompano Beach for two separate bridge projects within the City as part of the current G.O. Bond. The project at McNab Road includes the full replacement of the existing bridge and relocation of existing utilities. The proposed bridge will incorporate aesthetic features appropriate to the surrounding areas. Kimley-Horn is leading permitting of this project, including USCG, SFWMD, and Broward County. Improvements at Terra Mar Drive include repairs to the existing bridge and seawalls to address deterioration. The design at this location also includes upsizing the existing water main along Terra Mar Drive and incorporating aesthetic features. Our project team is providing structural, architectural, roadway, permitting, utility adjustment, and geotechnical services for both projects.

#### **Old Nursery Property Environmental Due Diligence Analysis and Wetland Mitigation Assessment, Vero Beach, FL**

Environmental scientist. Kimley-Horn provided professional environmental services to the City of Vero Beach. This included an assessment to identify the limits of wetland, surface waters and upland habitats on-site and evaluation of the potential for usage by listed species. The project team first reviewed previously prepared environmental documentation, including readily available natural resource documentation, previous environmental studies, readily available permits and listed species information, aerial photography, soil mas and mapping of existing wetland and surface water features on-site. The team then conducted field reconnaissance on-site as part of the project and prepared a Technical Memorandum to summarize results of the data collection efforts. A summary of wetland permitting requirements was prepared as well as a discussion and cost analysis of potential alternative mitigation options, such as the purchase of credits from a off-site mitigation bank or the restoration of the on-site wetlands to return the site to its permitted success criteria.

#### **Melville Road Drainage Improvement, Fort Pierce, FL**

Environmental scientist. Kimley-Horn provided environmental services, including a natural resource assessment and

wetland delineation. The natural resource assessment identified the limits of on-site wetlands and surface waters as well as upland habitats. It also evaluated the potential for usage by listed species. Wetlands were found within the project area in addition to gopher tortoises. Kimley-Horn assisted in permitting the wetlands for impact with the SFWMD by reviewing on-site conditions and discussing mitigation requirements. Additionally, Kimley-Horn conducted a 100% gopher tortoise survey on the property, applied for an FWC relocation permit, and relocated the gopher tortoise population off the project area to a permitted gopher tortoise recipient site.



## Casey Long, PE

Miscellaneous Structures (Seawalls, Bulkheads, etc.)

**28** YEARS OF EXPERIENCE

PERCENTAGE OF INVOLVEMENT **45%**

### PROFESSIONAL CREDENTIALS

- Master of Engineering, Structural Engineering, University of Florida
- Bachelor of Science, Civil Engineering, University of Florida
- Professional Engineer in Florida, #56083
- Florida Engineering Society
- National Society of Professional Engineers (NSPE)

### SPECIAL QUALIFICATIONS

- Has over 28 years of experience providing structural and civil design for waterfront development, seaport, marinas, industrial, commercial, military and educational facilities. Specific examples include design of container/cruise ship bulkheads, floating dock facilities and marinas, ship moorings, marine seawalls, paved container yards, mobile passenger walkways for cruise ship access, offshore saltwater pump station, container yard planning, and public works facilities
- Extensive experience providing structural inspections, including waterfront/port structures, container yards, utility construction, roads, threshold structures, warehouse buildings, housing facilities, loading docks and wharves and piers

### RELEVANT EXPERIENCE

**Port of Palm Beach, Berth 1 Bulkhead Replacement, Riviera Beach, FL** — Project manager and lead structural engineer. Responsible for the analysis, design, and construction document development for upland paving with a bulkhead replacement to 35-foot dredge depth. Responsibilities also included the development of a fast-tracked construction phasing and sequencing plan to minimize impacts to port operations on adjacent berths. The slip used a steel sheet pile wall with a drilled soil anchor tie back system and a concrete cap. At 450 ft. long, this replacement project is a major addition to solve the Port's berthing long-term needs.

**HCA, Mercy Hospital Seawall and Loading Dock Replacement, Miami, FL** — Project manager. Responsible for strengthening 2,000 feet of seawall along the perimeter of Mercy Hospital's property in Miami. The design and construction tasks for this project included steel sheet pile installation, tie rod installation between existing wall and new wall, concrete cap placement, backfill, and site grading. This project also included the construction of a new landing dock for rescue vessels adjacent to the seawall. Responsible for provided design, planning, bidding, permitting, and construction phase services for this \$4-million project.

**The District CDD, The RiversEdge Development, Jacksonville, FL** — Marine structural engineer. Responsible for the structural engineering of over 2,000 feet of bulkhead replacement along the St. Johns River. Specific challenge were the management of upland environmental elements in the design, soil replacement for new over water construction (vibrocompaction) and the encapsulation of an old power plan intake structure. Additional provided services were permit coordination and consulting. Project is a 32-acre mixed-use development that's planned to transform Downtown Jacksonville's Southbank.

**Club Community Park (Yacht Club Marina), Cape Coral, FL** — Marine structural engineer. Responsible for the structural engineering of over 3,000 feet of bulkhead, 100 marina slips—including floating docks and wood finger piers—a boat ramp, and wood boardwalks in this major park upgrade. Additionally provided marina planning, general marina design, utility coordination and support, permit coordination and dredging design and general consulting.

**Lantana Beach Seawall Repair, Lake Worth, FL** — Project manager. After a recent hurricane, the seawall at the east end of East Ocean Avenue on the oceanfront in Lantana was impacted with significant material loss behind the wall due to a breach in the seawall. Project consisted in the repair of the seawall to address the breach and harden the area against future storms at this entrance to the beach. Additionally, Kimley-Horn performed permitting assistance, which included coordination with the Florida Department of Environmental Protection (FDEP) and the preparation of an Emergency CCCL Permit application. Additionally, Kimley-Horn provided construction phase services to ensure the success of the project.

**Fernandina Beach Resiliency Waterfront Bulkhead System Engineering and Design, Fernandina Beach, FL** — Marine structural engineer. Kimley-Horn is developing construction documents for a 1,800-foot waterfront resiliency bulkhead system along the Amelia River in Fernandina Beach. The project includes waterfront protection systems across five segments to guard against storm surge, high tides, and sea level rise. It also integrates the bulkhead with the downtown boardwalk and boat ramp to maintain pedestrian access to the historic downtown. Permitting involves presentations to the City Board of Commissioners, obtaining local historical and building approvals, and applications to the US Army Corps of Engineers, St Johns River Water Management District, and Florida Department of Environmental Protection.





## Jason Goldman, EI

Miscellaneous Structures (Seawalls, Bulkheads, etc.); Structural Inspections/Condition Assessments

**3 YEARS OF EXPERIENCE**

**PERCENTAGE OF INVOLVEMENT 60%**

### PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, University of Florida
- Engineering Intern in Florida, #1100025565

### SPECIAL QUALIFICATIONS

- His expertise encompasses milestone inspections, building safety inspection programs, structural condition assessments, structural restoration, retrofit services, and reserve studies. Additionally, Jason has engaged in numerous property asset management projects, including property condition assessments, cost estimates, property turnovers, capital improvement projects, and useful life evaluations
- Holds several licenses and certifications, including the EI, HAAG Certified Inspector for residential roofs, HAAG Certified Inspector for commercial roofs, and FAA Part 107 UAS Pilot

### RELEVANT EXPERIENCE

**Avenida Menendez Seawall Flood Barrier Phase 1, St. Augustine, FL** — Project analyst. Kimley-Horn is completing the planning, permitting services, design, development of bid documents, and bidding services for the reinforcement, replacement, and installation of a seawall with appropriate tidal backflow prevention to achieve a continuous elevation and a level of protection against a 100-year storm event. Our services were governed, in part, by regulations and requirements stipulated in the Hazard Mitigation Grant Contract H0483 (HMGP) which the City secured through the State of Florida Division of Emergency Management (FDEM). The Avenida Menendez Seawall has protected the City's bayfront, inclusive of almost three billion dollars worth of historic and heritage properties and resources, from tidal surges accompanying storms, tropical storms, and hurricanes, as well as overbank flooding from rivers, creeks, and tributaries as a byproduct of these severe weather events for more than 180 years.

**SWFWMD Water Control Structure Inspections, FL** — Project analyst. The SWFWMD contracted Kimley-Horn to evaluate the condition of five water control structures under the Districts pervue: S-155, S-160, S-161, S-551, and Trout Creek. The evaluation included all civil, structural, electrical, mechanical, and underwater components of the structure. Specifically, the scope consisted of an independent rating of each component (i.e. bulkheads), comparisons of previous ratings, documentation of findings, and preparation of cost estimates for deficiencies that mandated repairs.

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

**Exterior Building Restoration Construction Related Services, West Palm Beach, FL** Project analyst. The Consulate Condominium is a residential condominium that is part of the Lands of the Presidents complex located in West Palm Beach, FL. The property consists primarily of a 22-story high-rise tower containing 126 residential units. Kimley-Horn is providing construction oversight to complete the repairs identified in the structural assessment report and bid package previously prepared. Additionally, Kimley-Horn is assisting with the issuance of bid packages and bid review, permitting assistance, and the construction phase.

**PB Marriott Garage Structural Restoration, Singer Island, FL** — Project analyst. Kimley-Horn is providing repair plans for the parking garage's structural elements. Specific repair areas include exposed rebar, concrete cracks, concrete delamination or spalling, expansion joints, signs of leakage, and water ponding areas. Plans will consist of floor or ceiling plans depicting locations of repairs, contractor notes, quantity tables for the recommended and prioritized repairs, and concrete repair details based on site observations.

**Village of Tequesta Miscellaneous Professional Engineering Services, Tequesta, FL** — Project analyst. Kimley-Horn was retained to perform various professional general civil/engineering services required by the Village under the Town's miscellaneous professional engineering services contract. Services include plan reviews, water supply plans, facility assessment, miscellaneous water treatment plant improvements, stormwater utility assessments, drainage improvements, water main replacements, and Interim Utility Director role assistance. Typical projects include: stormwater design, water main and raw water pipe cleaning, SCADA system upgrades, membrane replacement, permitting, roadway design, and water system and stormwater system assessments.



**Lisa Stone, PE**  
Public Involvement

**29** YEARS OF EXPERIENCE  
PERCENTAGE OF INVOLVEMENT **25%**

#### PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, University of Florida
- Professional Engineer in Florida, #56806
- Florida Engineering Society

#### SPECIAL QUALIFICATIONS

- Has 29 years of roadway design and PD&E experience in Florida
- Has managed projects for FDOT Districts Two, Three, Four, Five and Turnpike
- Experience includes transportation, PD&E, public involvement, roadway design, plan preparation, utility coordination, maintenance of traffic, pavement design, roadway lighting design, signing and pavement marking, permitting, long range estimates, specifications, and post-design services

#### RELEVANT EXPERIENCE

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

**Osceola Parkway Extension PD&E Study, Florida's Turnpike Enterprise, Orange/Osceola County Line, FL** — Public involvement task leader and assistant project manager. Responsibilities included public involvement, long range estimates, and documentation. Assisted with production of the Preliminary Engineering Report. Kimley-Horn conducted a PD&E study for the extension of Osceola Parkway, which begins west of Boggy Creek Road and runs east for approximately seven miles to the proposed Southport Connector. The corridor study area is located adjacent to the Orange/Osceola County line. The study focused on developing a freeway facility that can be expanded in the future with provisions to accommodate a transit corridor and multiuse pedestrian facilities. The project included a connection to provide direct access to and from SR 417, with interchanges at both ends of the connector road—one at SR 417 and the other at Osceola Parkway. Multiple alternatives were being considered at these two interchanges. The interchange at SR 417 was developed so that it not only connects to SR 17, but also connects to the new Airport South Access Road, providing access to Orlando International Airport.

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

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

**Lowson Boulevard Roadway Improvements, Delray, FL** — Project engineer and public involvement task leader. Kimley-Horn was selected by the City of Delray Beach to provide professional engineering services to assist with the initial design and final design of the roadway improvements to Lowson Boulevard between Dover Road and SE 5th Avenue. The project included shared-use paths for pedestrians and cyclists and other improvements for a 2.5-mile segment of the roadway. The project was partially funded through the FDOT LAP program. In addition, the project included intensive public involvement, coordination with TPA and FDOT, shared-use paths, paving and drainage improvements, curbing, signing and pavement marking, two railroad atgrade crossings, signal modifications, and lighting improvements.



# Angel Turpin, EI

## Utility Relocation Design

**2 YEARS OF EXPERIENCE**

**PERCENTAGE OF INVOLVEMENT 50%**

### PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, University of Florida
- Engineering Intern in Florida, #1100027181

### SPECIAL QUALIFICATIONS

- Two years of professional experience in pipeline design, with a primary focus on water and wastewater distribution systems
- Proficient in using CAD software for detailed design work and is skilled in utilizing the Microsoft Office Suite for project management and documentation
- Her comprehensive abilities include conducting hydraulic modeling, preparing technical reports, and collaborating with multidisciplinary teams to deliver high-quality infrastructure projects

### RELEVANT EXPERIENCE

#### **North Springs Improvement District Water Main Relocation, Coral Springs, FL**

Project analyst. Broward County implemented road improvements for the widening of Wiles Road to a 6-lane divided urban arterial from NW 95th Ave to Cypress Drive. As part of the roadway improvements the North Springs Improvement District (NSID) was required to relocate approximately 2,000 LF of 6", 8", 10", and 12" watermain throughout the corridor. NSID selected Kimley-Horn to prepare the utility relocation plans. Kimley-Horn prepared construction documents, permitted, and is providing post design services for this project while working closely with the City, NSID, County and County's roadway design firm to ensure that little to no interruptions of the end users' services occurred.

#### **City of Fort Lauderdale Rehabilitation and Upgrade of Triplex Pumping Stations, Fort Lauderdale, FL**

Project analyst. Kimley-Horn developed plans and construction documents for the rehabilitation and upgrade of nine triplex wetwell/dry pit pumping stations to improve system performance, increase system efficiency, and reduce system maintenance. The pumping stations identified are A-8, B-4, A-20, A-22, A-27, A-29, A-23, A-31, and B-11. The work included removal and replacement of mechanical, electrical, and ventilation equipment, replacement of pumps, pipes, valves, suction and discharge piping, wetwell/dry pit repairs and protective coatings, replacement and relocation of controls to above ground, and structural repairs. The professional services included evaluation of the current wastewater system flow patterns, pump station capacities, and pump station operations to develop rehabilitation requirements, providing site survey and geotechnical services for installation of the pump station improvements, evaluate force main capacity and connections for adjacent pipe replacement/upgrades, evaluate gravity sewer piping to adjacent upstream manholes for rehabilitation, evaluate pump station sites and available city right-of-way (ROW) for landscaping and/or architectural improvements and evaluate pump stations B-4 and B-11 for the installation of new generator systems. In addition to design services, permitting, contract document development, bidding assistance and limited construction phase services were provided for the installation of the pump station improvements.

#### **Pembroke Pines Design and Post Design Services: Pines Village Water Main Improvements Phase II, Pembroke Pines, FL**

Project analyst. Kimley-Horn was selected by the City of Pembroke Pines to design a new distribution system to meet all water demands, provide system redundancy, improve operation and maintenance, and focus on minimizing project costs through accurate hydraulic modeling and efficient design. To implement these

improvements, Kimley-Horn is providing a water demand analyst including water supply availability, peak flows, fire flow requirements, water service connection points, meter box locations, and hydraulic modeling for a proposed water distribution system. Kimley-Horn is also providing a wastewater system analysis required for septic to sewer conversion.

**NE 7th Street and NE 8th Street Water Main Improvement Project, Hallandale Beach, FL** — Project analyst. This project provided a new potable water main located in the City of Hallandale Beach. The potable water main was located on NE 7th Street from NE 1st Avenue to NE 12th Avenue, NE 8th Street from Federal Highway to NE 12th Avenue, Federal Highway from NE 7th Street to NE 8th Street, and NE 12th Avenue from NE 7th Street to NE 8th Street. The total length of the water mains was approximately 6,500 feet. The City replaced existing aging infrastructure with a new water distribution system to provide reliable potable water, improved fire hydrant coverage, and new water services. The project included relocating existing infrastructure from alleys or utility easements behind properties to the public right-of-way or roadways for front of property connections, including new meter boxes, water meters, and service lines. Services included design, permitting, bidding assistance, and post design services.





# Victor Gallo, PE

## Bridge Hydraulic Analysis/Recommendations

**24 YEARS OF EXPERIENCE**  
**PERCENTAGE OF INVOLVEMENT 40%**

### PROFESSIONAL CREDENTIALS

- Master of Science, Engineering Management, University of South Florida
- Bachelor of Science, Civil Engineering, University of South Florida
- Professional Engineer in Georgia, #PE041195
- Engineers Without Borders
- American Society of Civil Engineers (ASCE)

### SPECIAL QUALIFICATIONS

- Has designed roadway storm sewer systems and stormwater management facilities for rural, urban, and interstate projects across Florida
- Has led design efforts for FDOT Districts One, Two, Three, Five, and Seven, and for several counties and municipalities
- Areas of expertise include stormwater design, roadway storm sewer systems, pond siting analysis, stormwater management facilities, floodplain compensation, culvert design, bridge scour analysis, and permitting
- Has completed various cross-drain culvert designs for small waterways including channel modeling and bridge scour analysis
- Has coordinated extensively with various Florida water management districts and environmental regulatory agencies to obtain construction permits

### RELEVANT EXPERIENCE

**Scour Analyses and Bridge Repairs, Osceola County, FL** — Drainage engineer. Kimley-Horn was selected by Osceola County to provide scour analysis and bridge repair services for the bridge at Old Tampa Highway over Shingle Creek, CR 534 over Brick Alligator Canal, Kings Highway over Partin Canal, and Crabgrass Road Over Crabgrass Creek Bridge. Services include scour critical bridge field review; repair plan and cost estimation; scour analysis; scour repairs; hydraulic assessment and analysis; post design services; and permit coordination with the water management district and Florida Department of Environmental Protection (FDEP), as needed.

**Butler Street and Bessie Street Drainage Design, Windermere, FL** — Drainage engineer. Kimley-Horn was selected to perform drainage design for the Butler Street and Bessie Street drainage basins to address existing flooding and erosion issues. The project included regrading of roads, regrading of existing ditches, modifications to the existing drainage systems, drainage/pipe installation, landscape improvements, utility coordination, proposed water main improvements, construction plans, permitting, bid assistance and construction phase services. Stormwater management facilities utilizing rain gardens were designed to both address the attenuation and treatment of runoff while providing enhanced aesthetics. The drainage improvements were permitted through the SFWMD. An 8" potable water main was designed and permitted through Orange County Utilities and FDEP to provide for future residential connections.

**NE 130th Court Road Culvert Replacement, Marion County, FL** — Engineer-of-record for a hydraulic analysis of the existing twin 36" corrugated metal pipe culverts under the road. Services include the design and permitting of a replacement culvert connection that addresses the erosion issues occurring here. Kimley-Horn provided surveying; coordination with the County's geotechnical consultant; an environmental assessment; engineering design; as well as permitting and coordination with SJRWMD and USACOE.

**Florida's Turnpike Mainline Widening Design, Boynton Beach to Lake Worth, Florida's Turnpike Enterprise** — Project engineer. Kimley-Horn evaluated the realignment of Florida's Turnpike to the west to accommodate an ultimate 7.2-mile eight-lane configuration while mitigating the risk of a possible triggering event associated with Florida's Gas Transmission (FGT) Specified Width. Structurally, this project encompasses the widening of three bridges, the replacement of the Hypoluxo Road bridge over the Turnpike, and structural modifications to the Ramp D1 and D3 bridge over LWDD E-2E canal. The project also included the design and construction of 1,800 feet of bulkhead walls in the Lake Worth Drainage District (LWDD)'s E-2W Canal. The Hypoluxo Road bridge over the Turnpike was constructed in phases in order to maintain two lanes of traffic along Hypoluxo Road and Turnpike traffic. In addition to bridge and roadway construction, Kimley-Horn designed maintenance of traffic, drainage, lighting, utility relocations, ITS infrastructure, and signing and pavement marking for this stretch of Florida's Turnpike.

**Okeechobee Road (SR 25) from East of NW 87 Ave to NW 79 Ave, FDOT District Six** Project engineer for final design services for the reconstruction of a ¾-mile section of Okeechobee Road in Miami-Dade County. Services include widening the existing road to 4 lanes in each direction; widening the NW 79th Avenue Bridge over the Miami (SFWMD C-6) Canal; design of a 240-foot span monotube signal structure, design of mast arms signal structures, and design of overhead sign structures. Kimley-Horn also designed the widening of the Ramp D bridge over the SFWMD C-10 canal as well as a retaining wall system that stretches over 1000 feet along the bank of the C-10 Canal. Kimley-Horn is also providing post design services for this project.



# Gloria Manriquez, EI

## Bridge Hydraulic Analysis/Recommendations

**7 YEARS OF EXPERIENCE**

**PERCENTAGE OF INVOLVEMENT 55%**

### PROFESSIONAL CREDENTIALS

- Bachelor of Science, Civil Engineering, University of Central Florida
- Engineering Intern in Florida, #1100021228

### SPECIAL QUALIFICATIONS

- Areas of expertise include stormwater design, roadway storm sewer systems, pond siting analysis, stormwater management facilities, floodplain compensation, culvert design, and permitting
- Completed various cross-drain culvert designs for small waterways including channel modeling
- Coordinated extensively with various Florida water management districts and environmental regulatory agencies to obtain construction permits
- Proficient in AutoCAD, MicroStation, ICPR4, PONDS, AutoCAD Storm and Sanitary Analysis, Hydraflow, HY8, OpenRoads, and SUDA

### RELEVANT EXPERIENCE

#### **Okeechobee Road (SR 25) from East of NW 87 Ave to NW 79 Ave, FDOT District Six**

Project analyst for final design services for the reconstruction of a ¾-mile section of Okeechobee Road in Miami-Dade County. Services include widening the existing road to 4 lanes in each direction; widening the NW 79th Avenue Bridge over the Miami (SFWMD C-6) Canal; design of a 240-foot span monotube signal structure, design of mast arms signal structures, and design of overhead sign structures. Kimley-Horn also designed the widening of the Ramp D bridge over the SFWMD C-10 canal as well as a retaining wall system that stretches over 1000 feet along the bank of the C-10 Canal. Kimley-Horn is also providing post design services for this project.

#### **Florida's Turnpike Widening from Glades Road to Atlantic Avenue, Florida's Turnpike Enterprise, Palm Beach County, FL**

Project analyst. Kimley-Horn is providing drainage design analyst assisting with hydroplaning analysis, spread analysis, and water quality calculations for the widening design of the Turnpike mainline from 6 to 10 lanes. The project specific tasks included encroachment into the Lake Worth Drainage District E-2W canal to facilitate the project widening needs. Other pertinent task includes bank stabilization of the E-2W canal, replacing the Yamato Bridge over the Turnpike, widening the Turnpike bridge over Clint Moore Road, replacing the bridge over the L-38 Canal, noise barrier design, lighting design, signing and pavement markings, and utility coordination. One of the primary objectives of the transportation improvements is the avoidance and relocation of the Florida Gas Transmission Gas main located within specified border width. This will require deviation from FDOT standard operating design procedures.

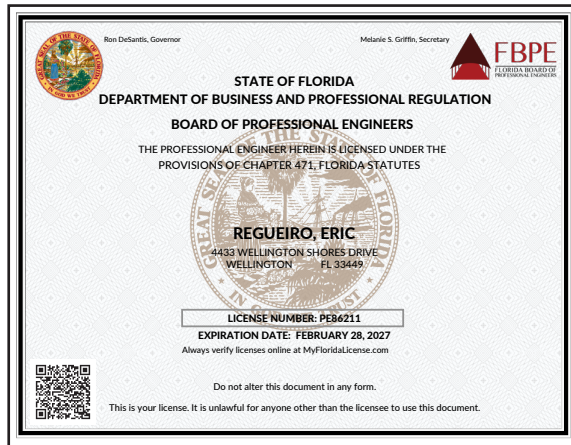
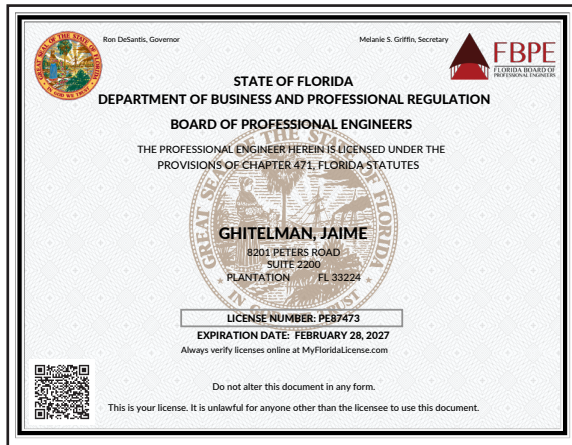
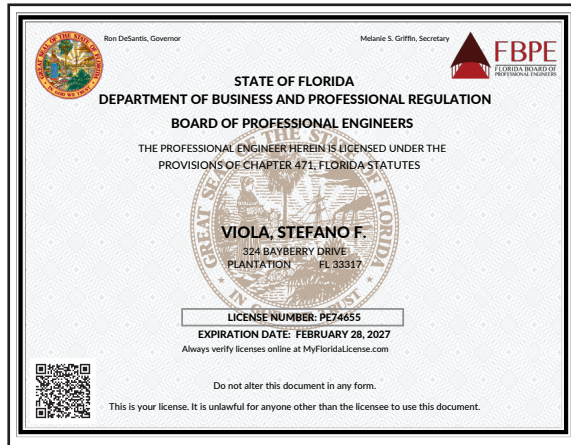
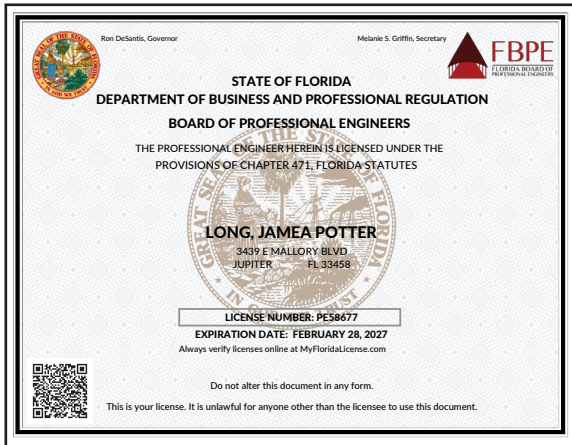
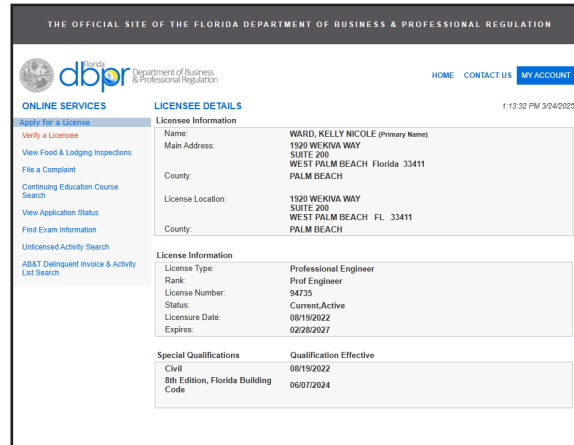
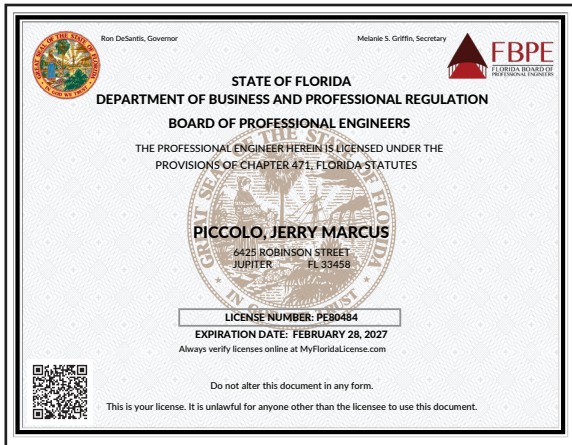
**CR 208 over Town Branch Bridge Replacement, St. Johns County, FL** — Project analyst. Kimley-Horn's is providing design services for the in-kind replacement of an existing 4-span timber substructure and concrete deck bridge originally built in 1957. Services include structural and roadway approach design, maintenance of traffic, drainage design, hydraulic analysis, permitting, utility coordination, and construction bid documents for a single span, 96-ft.-long Florida I- Beam bridge on concrete piling. All design services will be in accordance with St. Johns County and FDOT design standards.

#### **Turnpike Widening from Boynton to Lake Worth (Post Design Services), Florida's Turnpike Enterprise, Lake Worth, FL**

Project analyst. Kimley-Horn was selected for the 7.2-mile reconstruction of existing four-lane to eight lane divided expressway that includes a new interchange and conversion of mainline barrier plaza into full 8-lane open road tolling (ORT) expressway complete with ramp manual tolling. The project encompasses roadway widening, bridge widening and replacements, 2,500-ft. of a major Lake Worth Drainage District Canal relocation, drainage design, right-of-way acquisition, new toll plaza buildings, overhead signage, pavement markings, signalization, lighting, landscaping, ITS system relocation, utility adjustment, new sound barrier wall, and complex traffic control during construction.

**59th Street West from Cortez Road to Manatee Avenue, Manatee County, FL** — Project analyst. The 59th Street W Corridor from Cortez Road W to Manatee Avenue W was identified in Manatee County's Capital Improvement Plan (CIP) as one of the essential corridors needing improvements to increase capacity. Kimley-Horn is providing design services for roadway, traffic engineering, traffic operations, street lighting, stormwater management, utilities, and landscape and irrigation. Our team is also assisting with permitting and public involvement.

### Kimley-Horn Staff Licenses and Certifications





### Kimley-Horn Staff Licenses and Certifications Continued

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**LICENSEE DETAILS**

**Licensee Information**

Name: TEDDY, DAVID MAXWELL (Primary Name)  
Main Address: 1050 BLANCHE ST UNIT 473 WEST PALM BEACH Florida 33401  
County: PALM BEACH

**License Information**

License Type: Professional Engineer  
Rank: Prof Engineer  
License Number: 99453  
Status: Current/Active  
License Date: 08/16/2024  
Expires: 02/28/2027

**Special Qualifications**

Qualification Effective  
Civil: 08/16/2024

Ron DeSantis, Governor

Melanie S. Griffin, Secretary

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289 COURTNEY LAKES CIRCLE  
APT 202  
WEST PALM BEACH FL 33401

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Professional Wetland Scientists

Society of Wetland Scientists  
Professional Certification Program, Inc.  
grants the designation

**Professional Wetland Scientist**

For  
**Victoria Bacheiler, M.S.**

In recognition of all the professional requirements approved by the Society of Wetland Scientists Certification Program, Inc. and verified by the Society's Certification Review Panel on 3/25/2022.  
Professional Wetland Scientist number 3486. Due to recertify by 3/25/2027.

*Gillian Davies, PWS President*  
*Robert D. Sherman, Ph.D., PWS Review Panel Chair*

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**LICENSEE DETAILS**

**Licensee Information**

Name: LONG, JOHN CASEY (Primary Name)  
Main Address: 3439 E. MALLORY BLVD JUPITER Florida 33458  
County: PALM BEACH

**License Information**

License Type: Professional Engineer  
Rank: Prof Engineer  
License Number: 96883  
Status: Current/Active  
License Date: 07/25/2020  
Expires: 02/28/2027

**Special Qualifications**

Qualification Effective  
Advanced Building Code Course Credit: 02/26/2019  
7th Edition, Florida Building Code: 02/26/2021  
8th Edition, Florida Building Code: 06/24/2024

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DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
BOARD OF PROFESSIONAL ENGINEERS

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

**GALLO, VICTOR HUGH**  
1562 PINEHURST DRIVE  
CASSELBERRY FL 32709

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### EDUCATION

2008  
B.L.A., Landscape Architecture  
University of Georgia

### YEARS OF EXPERIENCE

Industry: 17 years  
KEITH: 4 years

### PROFESSIONAL REGISTRATIONS

LA6667219, Professional Landscape Architect (PLA), Florida

9509A, ISA Certified Arborist, Florida

01/3615, Professional Landscape Architect (PLA), Maryland

1533, Professional Landscape Architect (PLA), South Carolina

LEED AP BD+C LEED AP BD+C  
GBCI 1217830

### PROFESSIONAL AFFILIATIONS

Boynton Beach Recreation and Parks Board Member

### PROFILE

Geoff joined the KEITH Team in 2021, bringing over 16 years of landscape architecture project management and high-quality design and construction documentation experience. With a strong technical background and proactive, trans-disciplinary approach, Geoff puts emphasis on sustainable design. He is a creative problem solver with vast expertise in FDOT standards and practices, site design and detailing, hardscape and planting design, roadway and streetscape design, site analysis and feasibility, plant health care and diagnosis, tree preservation, selective clearing and grubbing, construction documents, specification development, construction administration and inspections, grading and drainage design and coordination, sustainability and innovation, and irrigation analysis and design for streetscapes, parks, residential developments and commercial sites.

### RELEVANT PROJECT EXPERIENCE

**SR 5/US 1 from SR 870/Commercial Boulevard to SE 7th Street, FDOT D4, Fort Lauderdale, FL:** Landscape Architect. KEITH is assisting FDOT District 4 on this KEITH Access project for roadway design, signing and pavement marking, and signalization for a 2.5-mile resurfacing design project on US 1/SR 5, from Commercial Boulevard/SR 870 to SE 7th Street (FPID 446188-1), a C4 Urban General Mix, which includes miscellaneous structures, minor bridge design, signing and pavement marking, lighting, survey, geotechnical, and landscape services. In addition, ADA upgrades, lighting retrofits at signalized intersections, and roadway signage will be improved throughout the corridor. KEITH completed a 3R Report and Target Speed Analysis Report which was approved by the Department. The design and target speed are 45 mph, with a posted speed of 45 mph.

**SR 9 I-95 at Hypoluxo Rd., FDOT D4, Lantana, FL:** Landscape Architect. As subconsultant, KEITH is providing landscape architecture, survey, utility coordination, and subsurface utility engineering services. This project requires full construction of Hypoluxo Road bridges over I-95 and SFRC railroad tracks in West Palm Beach County, as well as the replacement of Hypoluxo Road bridge over I-95 and the SFRC railroad tracks to accommodate Diverging Diamond Interchange configuration and reconstruction of all entrances and exit ramps to and from I-95.

**Landscape Architectural Analysis and Design Services, FDOT D6, FL:** Landscape Architect of Record. As prime consultant under this task work order driven contract, FPID 425402-2-32-01, KEITH prepares contract documents including plans, specifications, supporting engineering analysis, calculations, and other technical documents in accordance with FDOT policy, procedures, and requirements. Major work group includes 15.0 Landscape Architecture with minor work groups of 3.1 minor highway design. Task Work Orders include a full range of services including Standalone Landscape Project Delivery, Tree Preservation Plan Development and Analysis, Irrigation Design Services, Construction Administration and Inspection Services, Conceptual Designs and Graphics, Misc. Cost Estimates, Arborist Assessments, Maintenance Specifications and Feasibility Analysis.

**Landscape Architect/Design Continuing Services, FDOT D4, Fort Lauderdale, FL:** Project Manager. As prime consultant, KEITH has been tasked under this task work order-driven contract (FPID 230385-8) to provide design, production, review, and inspection for standalone landscape transportation projects associated with D4, consultants, local government agencies, and individuals on a continuing services basis. The major work group is 15.0 (Landscape Architecture), with minor work groups of 3.1 (Minor Highway Design), including electrical engineering, 9.1 (Soil Exploration), and 9.2 (Geotechnical Classification Lab Testing).



#### EDUCATION

1991  
B.S., Electrical Engineering  
Gorkly College of Electronics

#### YEARS OF EXPERIENCE

Industry: 22 years  
KEITH: 5 years

#### PROFESSIONAL REGISTRATIONS

Temporary Traffic Control  
Certification, Intermediate 9096

#### PROFESSIONAL AFFILIATIONS

Florida Utility Coordination  
Committee Member  
UESI Broward County Chapter, Vice  
Chair Member

#### PROFILE

Eugene Khashper has experience in plan reviews and utility coordination for design-build and traditional design-bid-build projects. He has worked predominantly with FDOT Districts 4 and 6, and has extensive experience in permitting through governmental agencies. He served as an in-house consultant for FDOT's D6 Construction Office from 2006 to 2014, providing construction plans review at all project phases, utility coordination during design and construction of roadway projects, conflict resolution, and review of all utility certifications. Most recently, Eugene worked for FDOT D4's Utilities office from 2014 to 2019 as a Utility Project Manager III and District Utilities Administrator, where he was responsible for managing the utility office, which also administered District Value Engineering and Cost Savings Initiative programs. He also has experience in construction methods and design principles, as well as having vast knowledge of FDOT standards, procedures, and manuals (UAM, UPM, CPAM, etc.), is well familiar with Florida Statutes governing utility agencies, and FDOT's processes.

#### RELEVANT PROJECT EXPERIENCE

**82nd Ave from 26th to 69th St, FDOT D4, FL:** Project Manager. KEITH, as subconsultant, assisted the Client in developing a KEITH Access project including highway and bridge/structural design spanning 5 miles, consisting of creating new 2 lane/2-way road construction with 4 minor bridges over sub-lateral canals. KEITH provided survey, SUE, and utility coordination services.

**SR 25/US 27, 27 Miles North of I-75/US 27 Interchange, FDOT D4, Fort Lauderdale, FL:** Project Manager. This bridge project is to modify the existing SR 25/US 27 northbound/southbound rural medium-separated roadway section with two raised twin-bridge structures, B-2 and B-3. The bridges will span a new canal cross section set by the Army Corps of Engineers and South Florida Water Management District criteria. KEITH, as a subconsultant, is assisting with survey, utility coordination, and subsurface utility engineering.

**SR 5/US 1 from SR 870/Commercial Boulevard to SE 7th Street, FDOT D4, Fort Lauderdale, FL:** Utility Coordination Manager. KEITH is assisting FDOT District 4 on this KEITH Access project for roadway design, signing and pavement marking, and signalization for a 2.5-mile resurfacing design project, a C4 Urban General Mix, which includes miscellaneous structures, minor bridge design. KEITH services included civil, landscape architecture, survey/SUE, and utility coordination.

**Bimini Drive Bridge Replacement #904603 Monroe County, FL:** Project Manager. The Bimini Drive Bridge is one of the four Historic Duck Key Bridges. KEITH, as subconsultant under Monroe County On-Call Professional Engineering Services Contract, was selected to provide professional survey and utility coordination services. The KEITH Team were integral in all phases of the project and delivered construction plans and specifications, permitting, and support during the bidding of the project. KEITH utility coordination services included identification of all utilities within the project corridor, all permits, Sunshine state One Call design tickets, risk management, and PD&E studies.

**D4 Design Services St. Lucie West Interchange Improvements, Port St. Lucie, FL:** Project Manger. As subconsultant, KEITH provided utility coordination services, FM3435337-1-32-01. This design project is of three lane median span concrete bridge at the interchange of I-95 at St. Lucie West Blvd. This contract is to support in-house roadway design in the widening of this interchange.



**EDUCATION**

1992  
A.A., Arts  
Saint Petersburg College

**YEARS OF EXPERIENCE**

Industry: 25 years  
KEITH: 11 years

**PROFESSIONAL REGISTRATIONS**

Temporary Traffic Control  
Certification, Intermediate 41650  
CSX Certified Facilitator  
OHS Construction Induction  
Training Certificate  
OSHA 29CFR1910.120 40 Hour  
Certificate  
OSHA Confined Space Entry  
Rail Industry Safety Induction (RISI)

**PROFILE**

As Director of Subsurface Utility Engineering for KEITH's Utilities Division, Mark Mitchell is responsible for oversight of the day-to-day operations of all subsurface utility engineering projects, along with utility records research, conflict analysis, and determining if additional utility investigation is needed for assigned projects. He has completed projects from beginning phases through final delivery, including preparing and submitting fee proposals, client coordination, setting up projects for field crews, conducting field visits when troubleshooting is required, downloading and processing collected data, performing quality control, finalizing for delivery, and keeping clients informed daily. His experience includes creating DTMs, topos, TIN models, PNCs, and test hole summary spreadsheets. Mark serves as a liaison between the design team, utility agencies, and owners on behalf of clients to provide utility coordination, documentation, inter-coordination, and maintenance of files of all activities for each utility agency.

**RELEVANT PROJECT EXPERIENCE**

**Ravenswood Bridge Replacement, Dania Beach, FL:** SUE Project Manager. KEITH managed the utility coordination for this bridge replacement project. Our design ticket with Sunshine State One Call of Florida identified twelve utility agencies and the Broward County Traffic Engineering Department several utility meetings were conducted to clarify the construction phasing and utility involvement.

**82nd Ave from 26th to 69th St, FDOT D4, FL:** SUE Project Manager. KEITH, as subconsultant, assisted the Client in developing a KEITH Access project including highway and bridge/structural design spanning 5 miles, consisting of creating new 2 lane/2-way road construction with 4 minor bridges over sub-lateral canals. KEITH provided survey, SUE, and utility coordination services.

**City of Pompano Beach Surveying, Civil Engineering, and Landscape Architecture Continuing Services, Pompano Beach, FL:** SUE Project Manager. KEITH is providing general engineering services to the City on an as-needed basis. Projects provided under this contract include SE 8th Court Bridge Replacement.

**Florida Turnpike Miscellaneous Design Services, Florida's Turnpike Enterprise (FTE), FL:** SUE Project Manager. KEITH, as subconsultant, is providing a variety of survey and SUE work. Under the contract scope of services, KEITH performs horizontal and vertical control, topography, utility designation and locates, and bridge and drainage surveys on Turnpike facilities.

**SE 5th Avenue Bridge Replacement, Pompano Beach, FL:** SUE Project Manager. KEITH, as subconsultant to Kiewit Infrastructure South, assisted the Client in developing a KEITH Access project related to improvements to the SE 5th Avenue Bridge. KEITH provided extensive survey services to the Client.

**Palm Aire Neighborhood Improvements, Pompano Beach, FL:** SUE Project Manager. KEITH is providing location and designation services along both Palm Aire bridge projects. KEITH is providing horizontal designation services, as well as performing 100 test holes, minimizing any potential for damage.

**Midway Road (CR 712) Widening & Reconstruction, FDOT D4, Boca Raton, FL:** SUE Project Manager. As a subconsultant, KEITH provided surveying, mapping, and SUE services. The project included the widening and reconstruction of Midway Road (CR 712) from a two-lane undivided roadway to a four-lane divided facility. This project also included replacement of the existing bridge (ID 940050) over Florida's Turnpike/SR 91.



#### YEARS OF EXPERIENCE

Industry: 49 years  
KEITH: 4 years

#### PROFESSIONAL REGISTRATIONS

LS4677, Professional Surveyors and Mapper, Florida

#### PROFILE

Donald Spicer is a professional surveyor and mapper with 48 years of experience. Through his years of experience, Don's responsibilities include management of survey projects from proposal through final submittal, coordination and supervision of field and production staff, establish and maintain quality control procedures. Further, he has completed several survey calculations for construction staking and boundary determinations, preparation and review of record drawings, proposal preparation for providing surveying services including all construction surveying related services, boundary, topographic, ALTA quantity and control surveys, etc. Don is equipped to utilize Autodesk, AutoCAD Civil 3D, AutoCAD Land Desktop (and earlier versions), Trimble Business Center and Carlson.

#### RELEVANT PROJECT EXPERIENCE

**Island Drive Bridge Rehabilitation, Delray Beach, FL:** Project Manager. Based on a complete set of engineering plans provided by Custom Built Marine Construction, KEITH provided horizontal and vertical controls, staking of drainage systems, as-built systems, proposed slabs, sidewalks, lift station area, light poles, curbs, and seawall. KEITH also provided a signed, sealed as-built survey on the newly constructed improvements.

**Palm Aire Neighborhood Improvements, Pompano Beach, FL:** Project Manager. KEITH is providing location and designation services along both Palm Aire bridge projects in this extensive Pompano Beach Neighborhood. Following ASCE Standard 38-02, KEITH is providing horizontal designation services, as well as performing 100 test holes at specific sites to expose utilities, minimizing any potential for damage.

**Broward College North Campus Bridge Repair, Coconut Creek, FL:** Surveyor. KEITH assisted the Client with a KEITH Campus project including engineering services and construction documentation based on a previous Structural Condition Survey Finding and Recommendations Report that reported on the condition of the existing NW 39th Avenue Bridge. This included The Critical Safety Repairs and Intermediate Repairs to the existing Bridge which consists of a single span, solid concrete slab between abutments on the north and south sides of the canal, including milling and re-paving, re-grading, and pavement markings. KEITH provided civil engineering, survey, and construction program management services to the Client. The KEITH Team assisted the Client with a specific purpose survey including detailed topographic and drainage information, including inverts, utilized in the redesign and re-paving activities. Additional structural documentation and observation along with permitting and pre-application meetings were also provided. Construction observation tasks included review of shop drawings, periodic site visits, as-built reviews, final inspections, and final certifications.

**Seagis Parkway Drainage Review, Fort Lauderdale, FL:** Surveyor. The client requested that KEITH provide due diligence services including drainage review services related to recurring drainage issues on the site. The initial civil, survey, and geotechnical services included 1) project research, site visits, document review and preparation of Due Diligence Report, 2) coordination and meetings with client and regulatory agencies, 3) topographic survey, 4) first phase of the geotechnical investigation, 5 soil borings, and 5) first phase Subsurface Utility Engineering (SUE) for location of drainage structures. Additionally, civil tasks were expanded to include pavement marking and signage plans. Landscape architecture services included an existing tree inventory and the development of final construction/permit drawings. Construction services included construction observation, shop drawing reviews, periodic site visits, final inspections, and certifications.



## YVES-STANLEY (STAN) DELMAS, P.E.

### SENIOR GEOTECHNICAL ENGINEER

Mr. Stan Delmas is a highly experienced Senior Geotechnical Engineer and Project Manager with over 15 years of expertise in designing and constructing complex infrastructure projects in Florida. He began his career as a laboratory technician, later advancing to laboratory manager, before transitioning into geotechnical engineering. This progression gives him a well-rounded skill set in the field of geotechnical engineering. His expertise includes bridge and roadway design, as well as construction support. Mr. Delmas is recognized for his ability to integrate theoretical design with practical execution, excelling in project management with a focus on quality assurance and strict adherence to design specifications. He has extensive experience with geotechnical and conventional testing, especially in deep foundation projects such as ACIP piles, driven piles, and drilled shafts. Mr. Delmas's deep understanding of Florida's diverse geological conditions allows him to effectively oversee construction-phase services. With a history of holding certifications from ACI, CTQP, FDOT, and CMEC, he is well-known for his commitment to engineering excellence and his substantial contributions to the field of geotechnical engineering.

#### EDUCATION:

Florida Atlantic Univ.  
Bachelor of Science  
Civil Engineering 2009

#### REGISTRATIONS:

FL PE #80352  
IL PE# 062-071169  
PA PE# 089151

#### EXPERIENCE: 16 YRS.

#### YRS AT H2R: 9

#### SKILLS:

- Foundation Design
- Pile Driving Analysis (PDA)
- Intermediate Certification
- SmartPile™ Embedded Data Collectors (EDC)
- High Strain Dynamic Load Testing (Drop hammer)
- Thermal Integrity Profiling
- Cross-hole Sonic Logging
- Low Strain Integrity Testing
- Bi-Directional Load Testing
- Static Load Testing

#### PAPERS WRITTEN:

D. Rancman, T. Nguyen, D. Hart, Y.S. Delmas. "Pile Group Effects and Soil Dilatancy at the Fort Lauderdale International Airport, Proceedings of the 2018 International Foundations Congress and Equipment Exposition (FCEE), Orlando, FL

**I-395, I-95, SR 836 Signature Bridge, Florida Department of Transportation District 6, Miami-Dade County, Florida, 2019 to present** Senior Geotechnical Engineers responsible for providing geotechnical support to the Construction, Engineering, and Inspection (CEI) team. His responsibilities include reviewing and overseeing all geotechnical-related information submitted by the design-build team to identify discrepancies and to ensure that the numerous bridge foundation are constructed according to the design plans and FDOT. Enhancements along I-395 are from the SR 836/I-95/I-395 (Midtown) Interchange to the MacArthur Causeway, approximately 1.4 miles long. The project will completely reconstruct the existing facility and create a signature bridge that will span 1,025 feet over NE 2 Avenue and SR5/Biscayne Boulevard, redefining the Miami skyline with its six sweeping arches. Enhancements are also from NW 8 Street to NW 29 Street and include the total replacement of the concrete pavement for both the northbound and southbound travel lanes.

**Florida Department of Transportation (FDOT) Bridges of The Isles & Sunrise Key Bridge Replacements – Broward County, FL 2013 – 2015** Geotechnical Engineer responsible for the design of four new bridges and one bridge replacement to provide connectivity between the Nurmi Isles finger islands, north of Las Olas Boulevard, with S.R. 842 on the mainland. Services included accelerated bridge design and construction in an environmentally sensitive area. The project also involved complex maintenance of traffic, temporary signalization, traffic control plans, extensive utility coordination, geotechnical design, public outreach, and coordination with multiple stakeholders. Mr. Delmas also provided construction services oversight, including pile driving inspection, dynamic pile testing, and vibration monitoring.

**Tamiami Trail 2.6-Mile Bridge, Florida Department of Transportation (FDOT), District 6, Miami-Dade County, FL 2017 – 2020** Senior Geotechnical Engineer was responsible for providing geotechnical support to the CEI team. Responsibilities included oversight of the team performing dynamic pile testing and review of all geotechnical documents submitted by the design-build team to identify discrepancies and to ensure that the foundations were constructed according to the design plans and the Florida Department of Transportation's specifications. As part of the Comprehensive Everglades Restoration Plan (CERP), The Florida Department of Transportation and the National Park Service replaced a portion of the Tamiami Trail Road/U.S. Highway 41 with a new 2.6-mile-long bridge.





#### YEARS OF EXPERIENCE

- 23

#### EDUCATION

- MSc Coastal Engineering, Technical University of Denmark

#### LICENSES

- Florida PE No. 69839

#### PROFESSIONAL AFFILIATIONS

- Permanent International Association of Navigation Congress
- Member of PIANC Working group Design and Operational Guidelines for "Superyacht Facilities"
- Danish Society of Hydraulic Engineering
- Florida Association of Environmental Professionals
- Port Everglades Association
- Florida Engineering Society Miami Chapter
- Florida Bar's Environmental and Law Use Law Section
- Biscayne Watershed Management Advisory Board

#### RELEVANT PROJECT EXPERIENCE

**SE 7th Street Bridge Replacement Over Rio Cordova, Fort Lauderdale, Florida.** Principal engineer responsible for conducting hydraulic and scour analysis to assess bridge vulnerability to coastal hydrodynamic conditions. Utilized results from a 2D hydrodynamic model to evaluate storm surge, wave, and current forces, and analyzed historical hurricane data, FEMA flood maps, and sea level rise trends. Assessed site characteristics, including tidal fluctuations and storm surge propagation through the ICW and canals, and developed scour depth predictions. Calculated hydrodynamic loads on the bridge from waves and currents. Recommended mitigation measures following FDOT guidelines.

**FDOT Manatee Bridge Repair, Pinellas County, Florida.** Review of hurricane and storm surge analysis completed to determine peak water level and extreme wave conditions for proposed bridge repair project. Comparison of calculated values with historical observations. Evaluated the potential impacts of dredging on wave conditions.

**FDOT Cortez Bridge, Manatee County, Florida.** Reviewed the structural and coastal engineering aspects of the Final Bridge Development Report (BDR) for the S.R. 684 Cortez Draw Bridge replacement over Sarasota Bay. Led the review of hydraulic analyses using the ADCIRC and SWAN models to develop hurricane-related hydraulic parameters and wave data. Provided feedback on simulation methodologies, wind speed return periods, and model calibration. Recommended design improvements, including battering outer piles transversely and spacing 30-inch piles for optimal efficiency and constructability of the bridge design.

**FDOT A1A Vulnerability Study and Roadway Stabilization Design, Indian River County.** Scour and wave load analysis for proposed seawall from almost 2 miles of shoreline that experienced significant erosion during Hurricane Matthew. A hydrodynamic MIKE21 model was established to simulate tidal and storm surge flow. The model was calibrated relative to site specific current measurements obtained. A MIKE21 wave model was developed to stimulate the wave conditions during extreme events. The scour associated with a 100-year event was determined and proper scour protection was designed. Wave loads were calculated for the proposed seawall for extreme event under varying conditions and water levels.

**FDOT I-275 Seawall Repair, Pinellas County, Florida.** Review of seawall design and scour protection for a proposed seawall repair and replacement project. Review of storm conditions as well as soil and wave loadings.

**FDOT D1 Coastal Asset Management, Collier County, Florida.** Principal engineer responsible for conducting extensive research to assess the vulnerability of coastal assets in FDOT District 1 counties, the first district-wide sea level rise analysis effort for FDOT. The scope included creation of future tidal projections based on evaluating historical tidal measurements and the expected impact of climate change to sea level rise, local to District 1, until the year 2100.



#### YEARS OF EXPERIENCE

- 10

#### EDUCATION

- MSc Ocean Engineering, University of Miami
- BSc Civil Engineering, University of Miami

#### LICENSES

- Florida PE No. 90872

#### CERTIFICATIONS

- Waterfront Edge Design Guidelines Associate
- Envision Sustainability Professional
- Federal Aviation Administration Remote Pilot
- Certified Flood Plain Manager

#### PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers

#### RELEVANT PROJECT EXPERIENCE

**12th Street and SR 836 MDX Bridge Jack & Bore Temporary Shoring Pit, Sweetwater, Florida.** Engineering design of a shoring pit using cantilevered steel sheet piles, along with the stability design of the cut-out of the sheets to receive a 30" diameter bore.

**SE 7th Street Bridge Replacement Over Rio Cordova, Fort Lauderdale, Florida.** Senior Coastal Engineer responsible for conducting hydraulic and scour analysis to assess bridge vulnerability to coastal hydrodynamic conditions. Utilized results from a 2D hydrodynamic model to evaluate storm surge, wave, and current forces, and analyzed historical hurricane data, FEMA flood maps, and sea level rise trends. Assessed site characteristics, including tidal fluctuations and storm surge propagation through the ICW and canals, and developed scour depth predictions. Calculated hydrodynamic loads on the bridge from waves and currents. Recommended mitigation measures following FDOT guidelines.

**29th Street End Seawall Adaptation Project, Miami Beach, Florida.** Structural engineering design of 32 LF of critical seawall immediately adjacent to a local bridge. The design included the installation of cantilevered steel sheet piles, bridging and tremie sealing of steel sheet piles which were cut short to avoid conflicts with numerous utility crossings adjacent to the bridge. The installation including adaptation to sea level rise by raising the seawall top elevation.

**FDOT D1 Coastal Asset Management, Collier County, Florida.** Senior Coastal Engineer who performed a sea level rise and water level analysis to identify critical infrastructure, evaluate impacts, and prepare flood mitigation concepts. Developed preliminary cost estimates for improvement and budget planning purposes.

**Fisher Island Ferry Scour Assessment, Miami Beach, Florida.** Analysis of potential scour resulting from a new commercial ferry berthing at various slips at fisher island. The analysis included bathymetric surveying of the slips, identification of existing scour holes, in-water soil sample collections, and the prediction of scour depths based on the observations and numerical analyses.

**A1A FDOT Seawall & Scour Analysis, Windsor, Florida.** Conducted field measurements including current velocities and tidal variations at the project site. A review of storm surge conditions and design winds was conducted to understand existing vulnerabilities. A hydrodynamic model was developed and calibrated, and subsequently utilized for the modeling of both normal and extreme conditions. A numerical wave propagation model was also developed to determine the 100-year return period wave at the project site. Using the results of the numerical model, an analysis of the scour was conducted and scour protection recommendations were made, along with the wave loading affecting the proposed seawall.



#### YEARS OF EXPERIENCE

- 30

#### EDUCATION

- Dual MSc Marine Biology and Coastal Zone Management, Nova Southeastern University (Pending Capstone Review)
- BSc Agricultural Operations Management, University of Florida

#### CERTIFICATIONS

- Advanced Open Water Scuba
- DAN (First Aid, CPR, AED & Oxygen)
- U.S. Power Squadron Safe Boat Operation Certification

#### PROFESSIONAL AFFILIATIONS

- Broward County Marine Advisory Committee, Appointed Member
- Pompano Beach Marine Advisory Board, Appointed Member, Vice-Chair
- Pompano Beach Zoning Board of Appeals, Appointed Member
- South Florida Association of Environmental Professionals
- Treasure Coast Florida Association of Environmental Professionals

#### RELEVANT PROJECT EXPERIENCE

**Tidal Flooding Mitigation and Shoreline Protection, City of Hollywood, Florida.** Senior director managing the City of Hollywood project to mitigate tidal flooding across 22 City owned shoreline segments inclusive of parks, a marina, and right-of-way shorelines. Project team includes subconsultants providing survey, geotechnical engineering, civil engineering, landscape architecture, and public outreach. Cummins Cederberg conducted engineering assessments, seagrass surveys, mangrove surveys, tide measurements, LiDAR review and processing, upland and submerged land ownership research, inundation mapping, and developed design specifications. Conceptual designs were prepared and presented to various City Departments and the public for project input. A total of \$14.1M in grant funding was secured to supplement the City's GO Bond to fund design, permitting, and construction of all 22 project sites. Permit drawings are being prepared based on the conceptual designs and feedback from the City and Broward County, State, and USACE authorizations will be secured.

**Las Olas Marina, Ft. Lauderdale, Florida.** Senior director managing the environmental permitting process for the Las Olas Marina Redevelopment Project. This project involves an expansion of the existing marina through reclamation of previously filled tidal waters, renovating the marina layout to accommodate megayacht vessels, and new dredging. Conducted the benthic survey in accordance with National Marine Fisheries Service guidelines for sampling Johnson's seagrass. Environmental permits are being processed through Broward County, the Florida Department of Environmental Protection, and the US Army Corps of Engineers. Additionally, an expanded sovereign submerged lands lease and a private easement are being secured to authorize the expanded marina footprint and areas needed for navigational ingress and egress.

**Fisher Island Ferry Terminal Repairs, Fisher Island, Florida.** Senior director overseeing environmental assessment, engineering design, environmental permitting, and mitigation (coral relocation) for Fisher Island, a private residential island in Biscayne Bay Aquatic Preserve. Managed ongoing maintenance for the passenger ferry terminal on Terminal Island and the landing on Fisher Island due to constant ferry landings. Led construction administration and permit close-out processes for the facility project construction.

**Fisherman's Wharf/Pierce 1 Marina, Ft. Pierce, Florida.** Senior director managing the redevelopment of the 3.2-acre City of Ft. Pierce Fisherman's Wharf into a dry storage boat facility, in-water marina, shops, restaurant, and multi-family residences, adjacent to the Indian River Aquatic Preserve. Oversaw field data collection, marina planning, conceptual layout, dredging, and pre-application meetings with FDEP and USACE. Led discussions with St. Lucie County to ensure project consistency with the manatee protection plan and explore permittee-responsible mitigation for unavoidable seagrass impacts. Project is pending City negotiations with FDEP regarding State lands deed restrictions for the upland parcel.





# AMY STREELMAN

## Senior Architectural Historian

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### EDUCATION

- M.H.P. 1998 University of Georgia (Historic Preservation)
- B.A. 1993 Florida State University (English)

### PROFESSIONAL AFFILIATIONS

- Florida Trust for Historic Preservation
- National Trust for Historic Preservation
- 27 Years of Experience

### PROFESSIONAL EXPERIENCE

Ms. Streelman has meticulously documented and evaluated thousands of historic resources throughout Florida, with a specific focus on resources in the South Florida region. Her expertise has led to the development of project methodologies and approaches tailored to address the region's unique challenges and architectural characteristics.

For over 27 years, Ms. Streelman has served as a consultant to the Florida Department of Transportation in District 6, which oversees Miami-Dade and Monroe counties. During this tenure, she has been involved in numerous projects related to historic bridges.

Ms. Streelman possesses extensive experience in managing Cultural Resource Management (CRM) systems in Florida and has a deep understanding of Section 106, 36 CFR 800, Section 4(f), Chapter 267 F.S., and other federal and state laws and regulations. Additionally, she is well-versed in the National Register of Historic Places (NRHP) criteria of eligibility.

Ms. Streelman has extensive experience in identifying and assessing the unique historic resources of the South Florida area. This includes the ornate Mediterranean Revival homes of Coral Gables, the simple vernacular buildings found in the Florida Keys, canals, roadways, and railroad corridors.

She has authored over 300 Cultural Resource Assessment Survey (CRAS) documents, which have been approved by all regulatory agencies and the State Historic Preservation Officer (SHPO). Furthermore, she has prepared numerous reports for projects involving NRHP-listed or NRHP-eligible resources, such as bridges, historic districts, and roadways.

### RELEVANT PROJECTS

- CSX Railroad Bascule Bridge, Broward County
- CSX Railroad Bridge/MIC, Miami-Dade County
- Las Olas Bridges, Broward County
- Old 7 Mile Bridge: Potential Effects Analysis, Monroe County
- FEC Amtrak PD&E Support, Palm Beach County
- Venetian Causeway, Miami-Dade County
- Miami Springs Bridges, Miami-Dade County
- SR 968/SW 1<sup>st</sup> Street Bridge, Miami-Dade County
- Tamiami Canal Swing Bridge, Miami-Dade County
- Flagler Memorial Bridge, Palm Beach County
- Sebastian Bridge, Indian River County
- Cocoplum Bridge, Miami-Dade County



# JAMES PEPE

**Chief Archaeologist**

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## EDUCATION

M.A. 1999 Florida Atlantic University (Anthropology)  
B.A. 1991 University of Florida (English)  
A.A. 1988 Palm Beach Junior College

## PROFESSIONAL AFFILIATIONS

Register of Professional Archaeologists  
Florida Archaeological Council  
33 Years of Experience

## PROFESSIONAL EXPERIENCE

Mr. Pepe possesses over 33 years of experience in Cultural Resource Management in South Florida, overseeing projects spanning from the Archaic period to post-World War II sites. He holds a comprehensive understanding of the Section 106 process and Chapter 267, Florida Statutes. Mr. Pepe served as the Project Archaeologist on numerous Project Development and Environmental Protection (PD&E) and National Environmental Policy Act (NEPA) projects in South Florida.

Intimately familiar with the unique environment and archaeological record of South Florida, Mr. Pepe has led several large-scale surveys within the interior wetlands of the region. These surveys have included those conducted for Palm Beach, Martin, and St. Lucie counties, the South Florida Water Management District, the Seminole Tribe of Florida, and the Miccosukee Tribe of Indians of Florida. Each survey necessitated a thorough comprehension of local drainage patterns and natural communities, which were acquired through the analysis of resources such as modern and historic aerial photographs.

Mr. Pepe also successfully spearheaded the National Historic Landmark nomination for Fort King, the sole Seminole War-era fort in Florida to be designated as a National Historic Landmark by the Department of the Interior.

## RELEVANT PROJECTS

- CSX Railroad Bascule Bridge, Broward County
- CSX Bridge Relocation Parcel, Broward County
- Flagler Memorial Bridge, Palm Beach County
- SR 5 / US 1 Kings Highway to Oslo Road, Indian River County
- State Road 5/US 1 PD&E Study from Glades Road to Yamato Road, Palm Beach County
- I-595 Central Broward East-West Transit & DEIS, Broward County
- I-75 PD&E, Miami-Dade and Broward Counties
- FEC Amtrak PD&E Support, Palm Beach County
- SR 968/SW 1<sup>st</sup> Street Bridge, Miami-Dade County
- Tamiami Canal Swing Bridge, Miami-Dade County

# BRIDGE DESIGN

AND

## MISCELLANEOUS STRUCTURAL

Engineering Services, Continuing Services Contract

### Subconsultant Staff Licenses and Certifications

#### Keith and Associates, Inc.

**State of Florida**  
**Department of State**


I certify from the records of this office that KEITH AND ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on January 20, 1998, effective January 16, 1998.

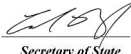
The document number of this corporation is P98000006011.

I further certify that said corporation has paid all fees due this office through December 31, 2025, that its most recent annual report/uniform business report was filed on January 31, 2025, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Thirty-first day of January, 2025*







Secretary of State

Tracking Number: 8022148786C

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF LANDSCAPE ARCHITECTURE



THE LANDSCAPE ARCHITECT HEREIN HAS REGISTERED UNDER THE PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

**CAMPBELL, GEOFFREY SPENCER**  
302 E. ATLANTIC BLVD.  
POMPAHO BEACH, FL 33062

LICENSE NUMBER: LA667219  
EXPIRATION DATE: NOVEMBER 30, 2025  
Always verify licenses online at MyFloridaLicense.com

ISSUED: 11/03/2023  
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#### H2R Corp

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



**DELMAS, YVES-STANLEY**  
3760 MOSS POINTE CIRCLE  
LAKE WORTH, FL 33467

LICENSE NUMBER: PE300352  
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<b>DONALD A SPICER</b> 1215 SW 81 TERRACE, POMPAHO BEACH, FL 33068-3536				
<b>License Type</b>	<b>License#</b>	<b>Issued</b>	<b>Expires</b>	<b>Status</b>
Surveyor and Mapper	LS4677	01/20/89	02/28/27	Active

#### Cummins Cederberg, Inc.

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

**CEDERBERG, JANNEK**  
122 DEVILIA AVENUE  
UNIT 919  
CORAL GABLES, FL 33134

LICENSE NUMBER: PE4909  
EXPIRATION DATE: FEBRUARY 28, 2027  
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STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

BOARD OF PROFESSIONAL ENGINEERS

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**BARRERA ALLEN, LEONARD ANDREW**  
9350 FONTAINE LAU BLVD  
UNIT 200  
MIAMI, FL 33172

LICENSE NUMBER: PE300872  
EXPIRATION DATE: FEBRUARY 28, 2027  
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**ASSOCIATION OF STATE  
FLOODPLAIN MANAGERS, INC.**  
**CERTIFICATION BOARD OF REGENTS**

ISSUES CERTIFICATES PURSUANT TO THE PROVISIONS OF THE CHAPTER 17B USE CERTIFIED FLOODPLAIN MANAGER PROGRAM

**Leonard A. Barrera Allen, CFM**


IS DULY REGISTERED AS AN  
**ASFPM CERTIFIED FLOODPLAIN MANAGER**

IN TESTIMONY WHEREOF THIS CERTIFICATE HAS BEEN ISSUED BY THE AUTHORITY OF THE CERTIFICATION BOARD OF REGENTS, CERTIFICATE NO. UN-08-0408, DATED 11/04/2023. THIS CERTIFICATE SHALL EXPIRE 11/04/2026, AND BE RENEWED ACCORDING TO THE RULES OF THE BOARD.

CERTIFICATION BOARD OF REGENTS  
PRESIDENT: ROBERT LIPONCE, P.E., CFM

ASSOCIATION OF STATE FLOODPLAIN MANAGERS, INC.  
EXECUTIVE DIRECTOR: CHAD H. BERNARD, CFM



ENVISION SUSTAINABILITY PROFESSIONAL

Has received the highest (superior) professional, technical, educational, and/or other qualifications in the field of sustainability.

May 03, 2022  
Issued On

May 03, 2025  
Valid Through



Leonard Barrera Allen

Institute for Sustainability Professionals



## Tab 4.2.5

# APPROACH TO SCOPE OF WORK

### 4.2.5. APPROACH TO SCOPE OF WORK

Kimley-Horn understands that this is a task order-driven continuing services contract used to accomplish a wide variety of structural-related tasks for the City. We have extensive experience with structural continuing services contracts and understand that each task order can range from bridge replacement, structural plans review, structural assessments, inspections, or structural rehabilitations. Our team has recently provided structural services through continuing services contracts to clients include St. Lucie County, Palm Beach County, City of Lighthouse Point, and the City of Vero Beach—all of whom have similar structural continuing services type contracts.

We understand the majority of the task orders under this contract will likely relate to the City's bridges. It is also understood the City may also use this contract for a wide variety of structural services, including but not limited to: seawalls/bulkheads, water/wastewater structures, condition assessments, construction related observations, structural rehabilitations, or structural related master planning.

Our team's approach to these structural continuing services contracts is to act as an extension to the City of Fort Lauderdale's staff. For each task order assignment, our approach includes:

- Coordinating with City staff to understand the scope and the City's goals for each assignment
- Performing a field review(s) to identify potential constructability issues or design constraints that may complicate the assignment
- Involve appropriate staff members or subconsultants that are subject matter experts
- For design-type assignments, meeting with senior engineers to look for innovative and cost-efficient engineering solutions to ensure taxpayer funds are utilized efficiently
- Developing scope of work, schedule, and estimates for the City of Fort Lauderdale's project manager to review

Upon Notice to Proceed, our approach starts by holding an internal kickoff meeting with appropriate staff (including subconsultants, as applicable) to discuss the task order, scope of work, schedule, and team responsibilities.

### Schedule Requirements

Meeting schedule requirements is critical to the success of every individual project. A schedule will be created as part of all task orders and shared with all task leads (including subconsultants) and will be monitored through the life of each assignment. In addition, Kimley-Horn uses a Castaheads system, which allows us to forecast every single employee's workload for the next six months to ensure all project milestones and deadlines are met. When it comes to plans review or inspection-type assignments, a responsive review or inspection is critical to the success of these assignments. We will take a responsive and proactive approach to these assignments to provide quick turnarounds while maintaining high-quality reviews and inspections.

We understand that some task orders may be on an accelerated schedule. Our Kimley-Horn structures team offers a pool of 30 structural professionals between our Palm Beach Gardens and Fort Lauderdale offices, in addition to our subconsultant partners, that are poised to meet the City's scheduling needs.

With this contract geared towards bridge replacement projects, below is a sample project schedule for the design and permitting phase. For the differing types of assignments anticipated under this contract the project schedules will vary depending on the assignment type. Our team of dedicated professionals is experienced in meeting our clients schedule needs to keep projects on time.

BRIDGE REPLACEMENT PROJECT SCHEDULE

TASK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Notice to Proceed	★																	
Survey/SUE Geotech	👤			4 MTHS														
Initial Design Phase					📋			4 MTHS										
Constructability Phase									🧠					7 MTHS				
Environmental Permitting						🌱								10 MTHS				
Production Phase																🔍	3 MTHS	
Public Involvement	🗣️							ONGOING										

### Current and Future Workload

Kimley-Horn has a long history of completing projects successfully through a combination of diligent project management and technical expertise. We are known in the marketplace for being results-oriented, and our employees are respected for the quality of their work. The following table summarizes individual availability for the personnel that will be assigned to this project.

KEY STAFF	ROLE	AVAILABILITY
<b>KIMLEY-HORN</b>		
<b>Jerry Piccolo, PE</b>	Project Manager; Bridge Design/Rehabilitation; Structural Inspections/Condition Assessments; Construction Documents/Specifications; Public Involvement	<b>55%</b>
<b>Kelly Ward, PE</b>	Deputy Project Manager; Bridge Design/Rehabilitation; Miscellaneous Structures (Seawalls, Bulkheads, etc); Construction Documents/Specifications; Public Involvement	<b>50%</b>
<b>Jamea Long, PE</b>	Quality Control/Quality Assurance; Bridge Design/Rehabilitation	<b>45%</b>
<b>Stefano Viola, PE</b>	Principal-in-Charge; Utility Relocation Design	<b>30%</b>
<b>Jaime Ghitelman, PE</b>	Miscellaneous Structures (Seawalls, Bulkheads, etc.); Structural Inspections/Condition Assessments; Construction Documents/Specifications	<b>50%</b>
<b>Eric Regueiro, PE</b>	Minor Highway Design (Roadway/Drainage)	<b>50%</b>
<b>Brandon Kern, PE</b>	Minor Highway Design (Roadway/Drainage)	<b>45%</b>
<b>Max Teddy, PE</b>	Minor Highway Design (Roadway/Drainage)	<b>65%</b>
<b>Carly-Cliff Derosier, PE</b>	Bridge Design/Rehabilitation	<b>40%</b>
<b>Katiushka Rich, EI</b>	Bridge Design/Rehabilitation; Construction Documents/Specifications	<b>60%</b>
<b>Sean Menker, EIT (OH)</b>	Bridge Design/Rehabilitation	<b>65%</b>
<b>Tori Bacheler, PWS</b>	Environmental/Project Permitting	<b>40%</b>
<b>Lisa Celano, GTA</b>	Environmental/Project Permitting	<b>50%</b>
<b>Casey Long, PE</b>	Miscellaneous Structures (Seawalls, Bulkheads, etc.)	<b>30%</b>
<b>Jason Goldman, EI</b>	Miscellaneous Structures (Seawalls, Bulkheads, etc.); Structural Inspections/Condition Assessments	<b>60%</b>
<b>Lisa Stone, PE</b>	Public Involvement	<b>35%</b>
<b>Angel Turpin, EI</b>	Utility Relocation Design	<b>55%</b>
<b>Victor Gallo, PE</b>	Bridge Hydraulic Analysis/Recommendations	<b>40%</b>
<b>Gloria Manriquez, EI</b>	Bridge Hydraulic Analysis/Recommendations	<b>45%</b>
<b>SUBCONSULTANTS</b>		
<b>Cummins Cederberg, Inc.</b>	Bridge Hydraulic Coastal Modeling Survey	<b>40%</b>
<b>H2R Corp</b>	Geotechnical Engineering, Soil Explorations, and Material Testing	<b>45%</b>
<b>Janus Research</b>	Cultural Resource Assessment Survey	<b>35%</b>
<b>Keith and Associates, Inc.</b>	Design, Right-of-Way, Construction Survey	<b>50%</b>



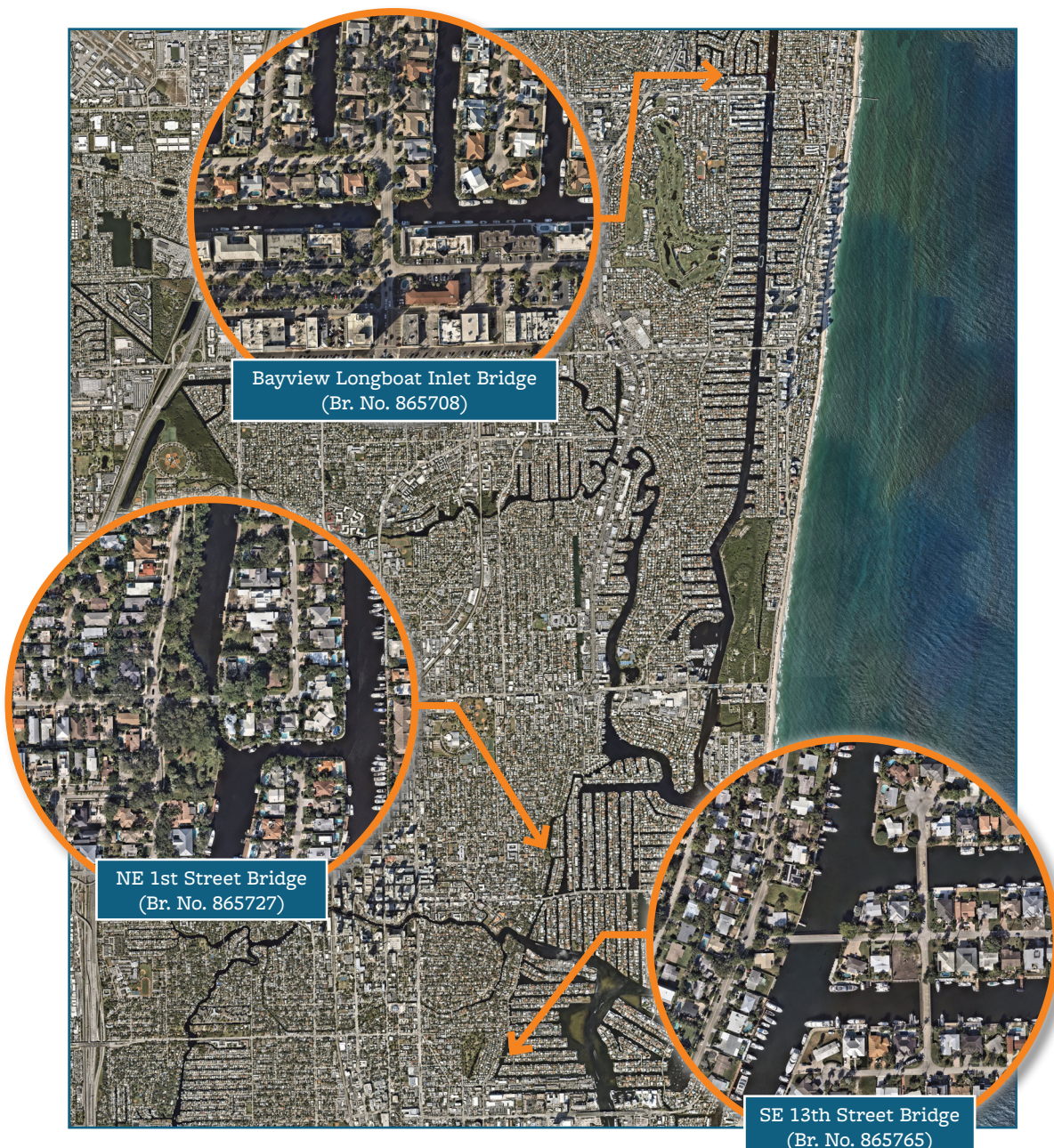
### Approach to Types of Structural Projects

Our Kimley-Horn structural teams in Palm Beach and Fort Lauderdale have a diverse background of structural experience and are ready to assist the City with any type of structural project. With this contract being used to assist the City with a wide variety of structural projects, we understand our approach to each type of project will be unique. Below are a few examples of our team's experience and approach to some of the anticipated types of projects under this contract.

### Approach to Bridge Replacements

We understand the City owns and maintains approximately 46 vehicular bridges that vary in age and condition. We understand the City is looking to replace the below three bridges as part of this contract:

- **SE 13th Street Bridge**  
(Br. No. 865765)
- **NE 1st Street Bridge**  
(Br. No. 865727)
- **Bayview Longboat Inlet Bridge**  
(Br. No. 865708)





Both the SE 13th Street and the NE 1st Street bridges are unique because these bridges are the single point of access to residential islands and maintaining a single lane of traffic through construction is vital. These bridges are also located within narrow 50-foot rights-of-way. The Bayview Drive bridge has alternative vehicular access point that would allow for a detour in construction. This bridge is located within a wider right-of-way of 80-foot width. All three of these bridges are located within residential neighborhoods.

Our team is experienced in bridge replacement projects within constrained residential rights-of-way where maintaining vehicular access through construction is necessary. We are currently designing the replacement of the NE 31st Court and Sample Road bridges for the City of Lighthouse Point which presents similar challenges that our team has overcome. The NE 31st Court bridge also serves as the single point of access to a residential island within a 50-foot right-of-way. We have developed an innovative approach to phase constructing this bridge while maintaining a single lane of traffic.

We understand the unique challenges with replacing right-of-way constrained bridges. On similar bridge replacement projects within residential neighborhoods, we have encountered and overcome the challenges listed below that are applicable to these City of Fort Lauderdale bridges:

- *Maintaining vehicular access through construction*
  - Develop phased construction and potentially utilizing a temporary bridge to facilitate phasing
  - Identifying staging areas, crane placement, and potential contractor construction zones
- *Minimizing vibrations for adjacent residents/homeowners during construction*
  - Our team has studied foundation installation techniques that are available to a large pool of contractors that look to minimize vibrations
  - We will look to utilize these techniques at the narrow right-of-way areas for the SE 13th Street and the NE 1st Street bridges to minimize vibration-related impacts
- *Maintaining utility services through construction*
  - Both underground and overhead utilities are anticipated at the City's bridge locations
  - Our team will investigate temporary utility bypasses or directional drilling options to look for ways to avoid conflicts with existing underground utilities in the vicinity of the bridge piles
  - We have worked with FPL on similar projects to maintain electrical service through construction



*SE 13th Street Bridge  
(overhead utilities shown)*

- *Public Involvement*

- Our public involvement specialists have used the following approach to keep the impact residents informed and engaged
  - » Meet with City staff
  - » Meet with City elected officials and keep them informed
  - » Meet individually with adjacent homeowners to discuss the project
  - » Hold public involvement meetings with impacted residents
  - » Develop project website with routing updates
  - » Social media updates

- *Connecting into adjacent seawalls with minimal to no impacts*

- Early in the design our team looks for ways to tie to the waterward side of the adjacent seawalls to eliminate the need for Temporary Construction Easements or right-of-way takings

- *Designing a resilient structure*

- Selecting the proper construction materials is critical to prolonging the life of the proposed bridge. We have implemented resilient reinforcement on other coastal bridge replacement project to ensure the bridge has a prolonged service life

## Approach to Bridge Rehabilitation

Repairing/rehabilitating an existing bridge can be a cost-effective means to extend the service life of an existing bridge. Our team has assessed and developed bridge repair plans for over 50 municipal bridges within the last 6 years in Southern Florida.

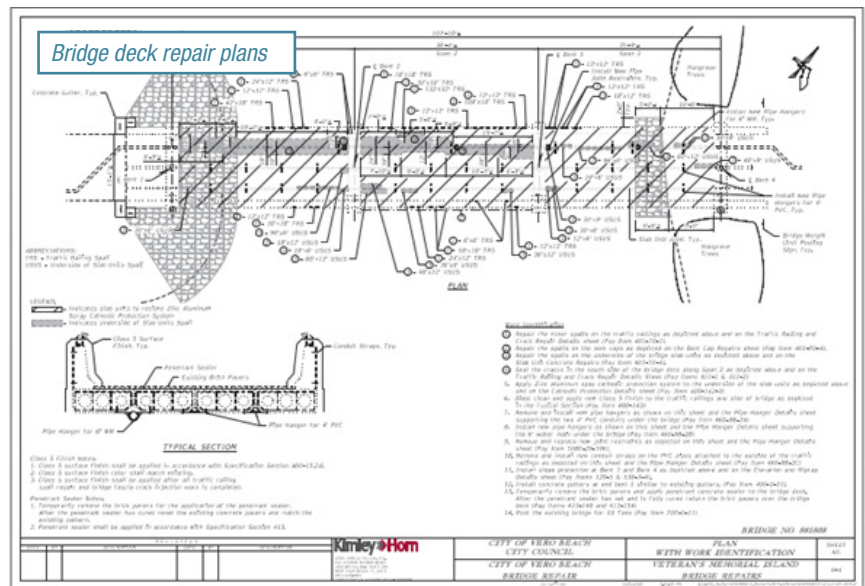
Our team's approach to bridge rehabilitation projects starts with data collection. Our first step is reviewing FDOT Bridge Inspection Reports and conducting a thorough field visit to assess the current condition of the bridge and verify any deficiencies identified in the FDOT Bridge Inspection Report. While on site, we also take extensive field measurements that are tied to existing bridge elements to define the various repairs and avoid the need for survey. This reduces design cost and expedites our schedule to develop construction documents. Our second step is compiling the list of deficiencies with corresponding pictures of the deficiencies that are recommended for repair and coordinating with the Owner to ensure the anticipated scope of the repairs addresses the Owner's goals both in the short-term and in the long-term.

When it comes to bridge rehabilitations, there are usually multiple approaches to addressing the various types of repairs. Our team will utilize our previous experience and lessons learned to develop the most cost-effective and constructable repair approach.

One of the biggest challenges in developing bridge repair plans is to effectively convey the scope of the repairs to the contractor. We utilize a general plan view with all the repairs drawn, list the various types of repairs in our Work Identification Summary with corresponding FDOT pay items, and develop detail sheets for additional information. We have utilized this approach to effectively define the scope of the repairs, identify method of measurement/payment for the individual repair types, and utilize unique details or pictures to portray the repair. Our repairs utilize the FDOT Specifications and materials from the FDOT Approved Products List to ensure a high-quality repair.

## Approach to Seawall/Bulkhead Projects

Within the City of Fort Lauderdale there are miles of public and private seawalls/bulkheads of varying condition and types. We are aware of the Broward County ordinance that aims to elevate all seawalls to elevation 5.0 NAVD. Kimley-Horn brings extensive experience in the assessment, repair, replacement, and renewal of marine structural facilities including but not limited to: seawalls, boardwalk, fishing piers,





# BRIDGE DESIGN

AND

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Engineering Services, Continuing Services Contract

docks (fixed and floating), marinas, revetments, boat ramps, living shorelines, resilient shorelines, and much more. Our team of marine engineering and environmental permitting specialists can assist on marine projects from planning and permitting through construction support. Our team has participated in commercial, public, and residential projects, and understands the nuances of each type of construction, contractor, and location.

Our team has completed dozens of marine structural projects in the Southeast Florida area from shallow bulkhead to deep water commercial docks, such as:

- City of Fort Lauderdale Bulkhead Replacement, Fort Lauderdale, FL
- Mercy Hospital Bulkhead Replacement and Rescue Dock, Miami, FL
- Port of Palm Beach Berth 1 Bulkhead Replacement, Riviera Beach, FL
- The Bristol, West Palm Beach, FL
- Rybovich Marine Center, Riviera Beach, FL

## Permitting

Environmental assessments and permitting through the various jurisdictional agencies will be required for many types of structural assignments anticipated within this contract including bridge replacement projects, bridge rehabilitation projects with in-water works, and seawall/bulkhead projects.

Our team has a working knowledge of Broward County Environmental Permitting Division, South Florida Water Management District (SFWMD), Florida Department of Environmental Protections (FDEP), U.S. Coast Guard (USCG), and U.S. Army Corps of Engineers (USACE) requirements and has permitted numerous projects with these agencies. Our firm's engineers and environmental scientists maintain regular contact with virtually all key regulatory agencies and their decision-makers. This rich network of interpersonal relationships enables us to provide expeditious services relative to agency reviews, as well as secure the necessary permits and approvals. Our staff not only understands agency procedures, but also their expectations, enabling us to minimize delays and revisions to your submittals.

## Condition Assessments and Evaluations

Our Kimley-Horn structural team has ten structural engineers that specialize in the assessment and evaluation of existing buildings. Our approach to these assessments is to conduct a thorough field review to assess the structure and look for potential life safety issues such as substantial structural deterioration evidenced by excessive deterioration, overloading, or overstressing. Our team draws on their experience, specialized to investigate the root cause of the damage or issue. As part of the investigations our team may use specialized equipment to help in the investigation. In certain forensic studies our team will conduct research of the design codes and common construction methodologies that were present at the time of construction.

With the likely cause of the damage or deficiency identified the next step is to either develop an assessment report containing observations and recommendations or rehabilitation plans tailored to the scope of the project. Additionally, our team is versed in the building recertification process, including milestone inspections.

*Our approach ensures that we provide precise, reliable, and actionable insights, supporting the safety and longevity of the structures we evaluate.*

## Bid and Construction Related Services

As the project progresses to the bidding and construction phases, we understand our team's responsiveness is even more critical to the success of the project. We pride ourselves in acting fast to meet projects' needs, especially in these phases. We have extensive experience in providing bid and construction phase services for other municipal structural projects. Our bid phase experience includes attending pre-bid meetings, responding to bidders structural related questions, and reviewing bid packages. Our construction phase experience includes attending pre-construction meetings, shop drawing review, running/attending construction progress meetings, conducting field observation to review the progress on the work, reviewing contractor pay applications, and preparing or reviewing contractor record drawings.

## Structural Plans Review

Reviewing design plans is an integral part of this contract and is something we are no stranger to. In addition to Kimley-Horn's internal interoffice plans review process, we have reviewed bridge plans for Indian River County and Palm Beach County. Our reviews aim to make practical and useful comments to improve the constructability and cost efficiency of the project. Simply put, we review plans with our clients' best interests in mind.

### Grant Services

Kimley-Horn understands that obtaining funding from a variety of sources is critical to many public sector projects. We have a depth of experience in all aspects of the grant process from identification, to preparing applications, to tracking award announcements, to administration, and finally successful project implementation and grant award close out. Our grant team at Kimley-Horn has, in the recent past, been awarded grants from the St. Johns River Water Management District (\$500,000), Florida Department of Economic Opportunity Community Planning Technical Assistance Grants (multiple around \$50,000 each), Community Development Block Grant Mitigation Grants (\$400,000 and \$3,435,000), and the Florida Department of Environmental Protection Florida Recreation Development Assistance Program (\$165,000). We understand that infrastructure projects involving structures such as bridges come with a significant cost and we are prepared to work with the City of Fort Lauderdale to uncover solutions to assist in funding these projects.

### Structural Masterplans

We understand that municipalities own numerous structural assets and planning and prioritizing maintenance or replacement is vital. Kimley-Horn has the experience and capacity to develop master planning tools aimed at the City's structural infrastructure. Our approach to developing planning documents includes inventorying and studying the City's infrastructure, assessing the current condition, identifying critical infrastructure, cost estimating, and developing a prioritization. We can also assess the environmental consequences of making or not making the improvements. Kimley-Horn recently developed a bridge replacement masterplan to aid the City of Lighthouse Point in planning for the replacement of seven City owned bridges that were built in the 1950s. The masterplan provides approximate costs and timeframes for design and construction of these seven bridges.

### Quality Control and Quality Assurance

Quality control is critical and implemented to all assignment types. It is one of the key attributes that has enabled us to become one of the leading consulting firms in the country, and it is absolutely essential to our continuing success. The objective of our quality control/quality assurance (QC/QA) program is to help ensure that all deliverables conform to the requirements of the agreed-upon scope of services and are free of errors and omissions.

Kimley-Horn uses extensive QC/QA review procedures through senior project managers, engineers, and principals who are experts in project design. Our quality assurance program begins with our response to your RFQ and will encompass every phase of your project. Our QC/QA reviews are performed prior to every deliverable to the City of Fort Lauderdale. The goal of these reviews is to identify and correct any errors within the submittal.

Kimley-Horn has standard practices for quality reviews. Our firm even has a quality manual on which each project manager receives specific training. Each discipline uses specialized checklists and quality control procedures based on their experiences on past projects.

We understand the unique challenges that the City of Fort Lauderdale is up against ranging from aging infrastructure, sea level rise, and funding limitations for infrastructure projects. Our team is experienced in serving municipalities and understands our approach to any type of task order needs to focus on developing innovative solutions to reduce overall project costs. Our diverse and local team is highly motivated and eager to partner with the City of Fort Lauderdale to efficiently assist the City with any structural task order under this contract.

#### KIMLEY-HORN'S QC/QA PROGRAM IS BASED ON THE PHILOSOPHY THAT QUALITY IS:



##### ACHIEVED

Through adequate planning, coordination, supervision, and technical direction



##### ASSURED

By assigning task managers to evaluate all work flow and procedures



##### CONTROLLED

By assigning task managers to evaluate all work flow and procedures



##### VERIFIED

Through independent reviews by qualified staff

Quality work is **THE DIRECT RESULT** of careful, properly sequenced, and supervised production, and continuous checking of each work element for completion and correctness by the task leader and project manager.

## Tab 4.2.6

# REFERENCES



### 4.2.6. REFERENCES

Kimley-Horn's most valued asset is our ability to maintain lasting relationships with our respective clients. We gauge our success by the longevity of our partnerships with esteemed clients. You may question why clients choose Kimley-Horn over all the top-class consulting firms. Chances are they would tell you that Kimley-Horn has a reputation for helping our clients achieve success. We listen to their needs, meet their schedules, accomplish their missions, deliver results, and exceed expectations. Our employees are taught to respect and appreciate their clients and put forth the extra effort to guarantee those clients return to us at the next opportunity. We invite you to contact our references to acquire firsthand testimonials regarding the outstanding quality of service we routinely provide.

#### City of Lighthouse Point

James Finley, Operations Manager  
2200 NE 38th Street, Lighthouse Point, FL 33064  
954.868.4153 | [jfinley@lighthousepoint.com](mailto:jfinley@lighthousepoint.com)

#### Project: Lighthouse Point Bridge Repairs

Under an on-call contract, Kimley-Horn was retained to provide professional services to inspect and develop condition assessment reports for seven City owned bridges. Most of these bridges were built in the 1950s and provide access to residents over the City's canal system. This canal system connects to the intercoastal waterway and is an extremely aggressive marine environment. A detailed field inspection was conducted for each bridge and all observed deficiencies were documented with corresponding pictures. Scour measurements were also taken and compared to previously taken measurements from the FDOT Bridge Inspection reports to investigate for scour/erosion. The condition assessment reports provided repair and evaluation recommendations. Kimley-Horn then developed bridge repair plans to facilitate the rehabilitation of eight City-owned vehicular bridges and two pedestrian bridges. The repair plans were designed to address the deficiencies observed on the field visit and the FDOT Bridge Inspection Reports. There are no as-built plans available for any of the seven 1950's constructed bridges. In addition to developing repair plans, Kimley-Horn performed a load rating analysis on the existing bridge utilizing field measurements, results of rebar scanning, and measured reinforcement sizes. Kimley-Horn also assisted the City in the bidding and construction phase of this project.

*Year the Project was Completed: 2025 / Project Cost: \$1.8M*





# BRIDGE DESIGN

AND

## MISCELLANEOUS STRUCTURAL

Engineering Services, Continuing Services Contract

### City of Vero Beach

Danessa Chambers, PE, Assistant City Engineer  
1053 20th Place, Vero Beach, FL 32960  
772.978.4815 | dchambers@covb.org

#### Project: Veteran's Memorial Island Bridge Replacement

This project involves the replacement of the existing Veteran's Memorial Island bridge over the Rio Mar Bay within the Indian River Lagoon. The replacement bridge is a three-span prestressed concrete slab unit bridge that is designed to follow FDOT design criteria for an extremely corrosive environment. The bridge utilizes stainless steel reinforcing steel in the substructure to provide corrosion resistance in this extremely aggressive environment. In addition to designing the bridge, Kimley-Horn designed the utility relocations, approach roadway, and revetment. This bridge was constructed in an environmentally sensitive area and required extensive environmental permitting associated with the removal of mangroves as well as oyster relocations. With this bridge being the only access to the island, the City wanted the bridge replaced within a four-month window. The bridge was designed with time-sensitive elements in mind and investigated material availability. Kimley-Horn also assisted the City in the bidding and construction phases of the project. Kimley-Horn hosted weekly progress meetings, coordinated material testing, inspected the progress of the work, reviewed pay applications, conducted and coordinated the as-built load rating with FDOT, and project closeout.

*Year the Project was Completed: 2024 | Project Cost: \$1.5M*

### St. Lucie County

Daniel Finz, Capital Projects Manager  
2300 Virginia Avenue, Fort Pierce, FL 34982  
772.462.2742 | daniel.finz@stlucieco.gov

#### Project: St. Lucie County Bridge Repairs

Kimley-Horn, while under on-call services for St. Lucie County was selected to develop bridge repair plans for 11 deficient bridges throughout St. Lucie County. The repairs consist of both structural and non-structural repairs. Kimley-Horn reviewed the FDOT Bridge Inspection reports and performed a thorough field review of the bridges to develop the bridge repair plans. These bridges were impacted by Hurricane Irma and sustain damage to the revetments due to high flows resulting from Irma. The repairs to the bridges generally consisted of: guardrail repairs, concrete spall repairs, installation of riprap revetment, expansion joint repairs, expansion joint header repairs, vegetation removal, structural crack injection, installation of reinforced concrete pile jackets, milling and resurfacing asphalt approaches, and replacement of roadway striping. In addition, other proposed services include preparation of drawings and specifications, permitting with NSLRWCD, SFWMD, and U.S. Army Corps of Engineers. The 11 bridges were broken out and constructed in smaller groupings. Currently repairs have been constructed at eight of the eleven bridges with the remaining bridge repairs scheduled for construction in the upcoming year. Kimley-Horn has assisted in the bidding and construction phases of this project.

*Year the Project was Completed: Ongoing | Project Cost: \$158K*





## Tab 4.2.7

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# MINORITY/WOMEN (M/WBE) PARTICIPATION



### 4.2.7. MINORITY/WOMEN (M/WBE) PARTICIPATION

Kimley-Horn is not a minority business enterprise (MBE) and does not have DBE/SBE status. However, Kimley-Horn has a company policy of meeting or exceeding our clients' minority business participation goals. Through corporate policies and philosophy, our firm actively seeks to encourage and promote the use of disadvantage firms and provide these interested firms with the opportunity to serve as subconsultants on our teams.

#### Project Plan

Given our ongoing commitment to exceeding goals, the implementation process remains the same on a project-to-project basis firmwide. We continually pledge to provide an honest effort to meet the stated MBE, WBE, and DBE goal for each project. We identify meaningful roles for each MBE, WBE and DBE subconsultant chosen for each project and offer our continued commitment to MBE, WBE and DBE participation for this project as well. While our teaming partners are not M/WBE, they do have DBE/CBE/SBE status. For this contract we have teamed with Cummins Cederberg, Inc. (CBE/SBE) for coastal bridge hydraulic coastal modeling survey, H2R Corp (DBE) for geotechnical engineering, soil exploration, and material testing, and Janus Research (SBE) for cultural resource assessment surveys.

#### DBE/MBE Participation Record

Kimley-Horn has a recognized track record of meeting or exceeding our clients' stated minority business participation goals. We believe this table speaks well of Kimley-Horn's efforts to involve DBE/MBE firms in our practice. Kimley-Horn will continue its longstanding practice of using minority business enterprises on future and current projects. This table represents 5 years of our commitments to DBE and MBE firms. Kimley-Horn has minority business data for more than 20 years and is available upon request.

YEAR	AMOUNT PAID	NUMBER OF FIRMS
2024	\$123.2 million	774
2023	\$93.9 million	769
2022	\$71.1 million	716
2021	\$54.6 million	608
2020	\$54.5 million	553



## Tab 4.2.8

# SUBCONSULTANTS

### 4.2.8. SUBCONSULTANTS

Kimley-Horn's emphasis on dynamic teamwork and quality performance serves as the foundation from which we select our subconsultant partners for this project. These team members operate as a seamless addition to our staff, providing superior technical skills with a balanced focus on client needs, goals, and concerns.

#### Cummins Cederberg, Inc.

CUMMINS | CEDERBERG  
Coastal & Marine Engineering

The professional team at Cummins Cederberg includes coastal and marine structural engineers, marine

biologists, regulatory experts, marine scientists, oceanographers, and construction managers with extensive expertise in coastal engineering and environmental planning. Their exclusive focus on coastal and marine projects allows them to provide specialized, high-quality solutions. With a strong foundation in Florida and extensive experience throughout the Caribbean, Cummins Cederberg has successfully supported various coastal infrastructure initiatives. Their portfolio includes shoreline stabilization structures such as seawalls, revetments, groins, and beach nourishment projects. Leveraging state-of-the-art tools, they ensure efficient and precise designs. Their engineers oversee every phase of a project, from field investigations to construction management, offering a holistic approach. Cummins Cederberg's marine biologists and regulatory experts bring unparalleled experience in permitting, marine resource surveys, and environmental compliance. Their construction engineers ensure designs are practical and cost-effective, delivering successful projects that meet client expectations and environmental stewardship goals.

#### H2R Corp



H2R Corp is a premier geotechnical engineering firm providing comprehensive services across Florida, including geotechnical engineering, foundation testing, subsurface

exploration, construction engineering and inspection (CEI), specialty construction support, and materials testing. Serving both public and private clients, they are driven by a passion for excellence and committed to delivering a superior client experience through quality, efficiency, clear communication, and integrity. Their approach focuses on building strong relationships to fully understand and advocate for our clients' needs. With five offices and fully equipped field services, along with accredited laboratory facilities in Tampa Bay, Fort Myers, Palm Beach, Miami, and Ft. Lauderdale, H2R is well-positioned to provide efficient, cost-effective solutions tailored to Florida's diverse geotechnical and construction challenges.

#### Janus Research



Janus Research is a Cultural Resources Management (CRM) firm that consistently provides South Florida with high-quality cultural resource management services. Their staff comprises full-time employees located within Miami-Dade County. Janus is recognized as the leading South Florida experts with unparalleled professional experience in archaeology and architectural history, coupled with a comprehensive understanding of the CRM challenges within the County's urban and political environment. The area's historic preservation community values their work, and they remain attuned to local preservation concerns due to their extensive regional presence and collaborations with agencies, local municipalities, and developers. Their dedicated professionals continue to address cultural resource issues and the effects posed by significant challenges, such as hurricanes and climate events, resiliency during rising sea levels, population growth, and the integration of multimodal transportation systems. Throughout their over 45 years of experience, Janus has grown into the most trusted Florida-based, full-service Cultural Resource Management consulting firm, renowned for their leadership and innovative approach.

#### Keith and Associates, Inc.



KEITH is a 60 + year old, majority woman owned, transdisciplinary firm, based in Florida delivering a broad range of projects internationally. Based in Florida KEITH has office locations in Miami-Dade, Broward, Palm Beach, St. Lucie, and Orange counties. Their team of over 200 professionals is working every day to deliver on their mission to create, expand upon, preserve and enhance their communities. KEITH provides surveying and mapping, subsurface utility engineering, planning, civil engineering, transportation engineering, landscape architecture, and construction management services. They have collaborated with more than 75 local governments throughout Florida. KEITH engages as an extension of their clients, with an analytical lens and a goal to resolve development issues in a collaborative way; one that goes beyond the disciplines they provide. KEITH, constantly building upon their history, stands today as a trans-disciplinary powerhouse shaping communities across Florida and beyond with state-of-the-art and sustainable solutions to address all of the needs of their clients.



## Tab 4.2.9

# REQUIRED FORMS



### 4.2.9. REQUIRED FORMS

The required forms listed below are included on the following pages.

- Sample Insurance Certificate
- Non-Collusion Statement
- Non-Discrimination Certification Form
- E-Verify Affirmation Statement
- Contract Payment Method
- Bid/Proposal Certification
- Affidavit of Compliance with Foreign Entity Laws
- Anti-Human Trafficking Affidavit
- Addendum 1
- Addendum 2





**Kimley-Horn does not own any watercraft and therefore cannot provide watercraft liability coverage. However, our subconsultant, Cummins Cederberg, Inc., has the necessary watercraft liability coverage to meet the requirements of the RFP.**



## CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
3/20/2025

**THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.**

**IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).**

<b>PRODUCER</b> Edgewood Partners Insurance Agency 3780 Mansell Rd. Suite 370 Alpharetta GA 30022	<b>CONTACT NAME:</b> Jerry Noyola <b>PHONE (A/C, No, Ext):</b> 7702207699 <b>FAX (A/C, No):</b> <b>E-MAIL ADDRESS:</b> greylingcerts@greyling.com														
<b>INSURED</b> Kimley-Horn and Associates, Inc. 421 Fayetteville Street, Suite 600 Raleigh, NC 27601	<b>KIMCLASS</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: left;">NAIC #</th> </tr> <tr> <td>INSURER A : National Union Fire Ins Co of Pittsburg</td> <td>19445</td> </tr> <tr> <td>INSURER B : Allied World Assurance Co (U.S.) Inc.</td> <td>19489</td> </tr> <tr> <td>INSURER C : New Hampshire Insurance Company</td> <td>23841</td> </tr> <tr> <td>INSURER D : Lloyd's of London</td> <td>85202</td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : National Union Fire Ins Co of Pittsburg	19445	INSURER B : Allied World Assurance Co (U.S.) Inc.	19489	INSURER C : New Hampshire Insurance Company	23841	INSURER D : Lloyd's of London	85202	INSURER E :		INSURER F :	
INSURER(S) AFFORDING COVERAGE	NAIC #														
INSURER A : National Union Fire Ins Co of Pittsburg	19445														
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INSURER C : New Hampshire Insurance Company	23841														
INSURER D : Lloyd's of London	85202														
INSURER E :															
INSURER F :															

**COVERAGES**      **CERTIFICATE NUMBER:** 1574569136      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:			GL5268169	4/1/2025	4/1/2026	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 25,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000 \$
A	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			CA4489663 (AOS) CA2970071 (MA)	4/1/2025 4/1/2025	4/1/2026 4/1/2026	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			03127930	4/1/2025	4/1/2026	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
C	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	WC067961230 (AOS) WC013711885 (CA)	4/1/2025 4/1/2025	4/1/2026 4/1/2026	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 2,000,000 E.L. DISEASE - EA EMPLOYEE \$ 2,000,000 E.L. DISEASE - POLICY LIMIT \$ 2,000,000
D	Professional Liability			B0146LDUSA2504949	4/1/2025	4/1/2026	Per Claim \$2,000,000 Aggregate \$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
Evidence of Coverage

### CERTIFICATE HOLDER

### CANCELLATION

Sample Certificate	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
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ACORD 25 (2016/03)

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### **NON-COLLUSION STATEMENT**

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g., ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents, and children) are also prohibited from contracting with the City subject to the same general rules.

**Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.**

#### **NAME**

#### **RELATIONSHIPS**

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**In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.**

  
\_\_\_\_\_  
Authorized Signature  
**Stefano Viola, PE**  
\_\_\_\_\_  
Name (Printed)

**Vice President**  
\_\_\_\_\_  
Title  
**3/26/2025**  
\_\_\_\_\_  
Date



**CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH  
NON-DISCRIMINATION PROVISIONS OF THE CONTRACT**

The completed and signed form should be returned with the Contractor's submittal. If not provided with submittal, the Contractor must submit within three business days of City's request. Contractor may be deemed non-responsive for failure to fully comply within stated timeframes.

Pursuant to City Ordinance Sec. 2-17(a)(i)(ii), bidders must certify compliance with the Non-Discrimination provision of the ordinance.

- A. Contractors doing business with the City shall not discriminate against their employees based on the employee's race, color, religion, gender (including identity or expression), marital status, sexual orientation, national origin, age, disability, or any other protected classification as defined by applicable law.

Contracts. Every Contract exceeding \$100,000, or otherwise exempt from this section shall contain language that obligates the Contractor to comply with the applicable provisions of this section.

The Contract shall include provisions for the following:

- (i) The Contractor certifies and represents that it will comply with this section during the entire term of the contract.
- (ii) The failure of the Contractor to comply with this section shall be deemed to be a material breach of the contract, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.

A handwritten signature in blue ink, appearing to read "Stefano Viola", written over a horizontal line.

Authorized Signature

**Stefano Viola, PE, Vice President**

Print Name and Title

**3/26/2025**

Date

## E-VERIFY AFFIRMATION STATEMENT

RFP/Bid /Contract No: RFQ Event #423

Project Description: Bridge Design and Miscellaneous Structural Engineering Services, Continuing Services Contract

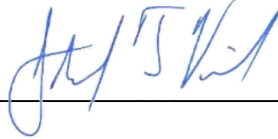
Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

- (a) all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,
- (b) all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name: Kimley-Horn and Associates, Inc.

Authorized Company Person's Signature: \_\_\_\_\_



Authorized Company Person's Title: Stefano Viola, PE, Vice President

Date: 3/26/2025





### **CONTRACT PAYMENT METHOD**

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to credit card payments via MasterCard or Visa as part of this program.

This allows you as a vendor of the City of Fort Lauderdale to receive your payments fast and safely. No more waiting for checks to be printed and mailed.

In accordance with the contract, payments on this contract will be made utilizing the City's P-Card (MasterCard or Visa). Accordingly, bidders must presently have the ability to accept the credit card or take whatever steps necessary to implement acceptance of a card before the start of the contract term, or contract award by the City.

All costs associated with the Contractor's participation in this purchasing program shall be borne by the Contractor. The City reserves the right to revise this program as necessary.

By signing below, you agree with these terms.

Please indicate which credit card payment you prefer:

☐ MasterCard

☒ Visa

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

\_\_\_\_\_  
Company Name

**Stefano Viola, PE**

\_\_\_\_\_  
Name (Printed)

\_\_\_\_\_  
Signature

A handwritten signature in blue ink, appearing to read "Stefano Viola", written over a horizontal line.

**Vice President**

\_\_\_\_\_  
Title

**3/26/2025**

\_\_\_\_\_  
Date

## CITY OF FORT LAUDERDALE BID/PROPOSAL CERTIFICATION

**Please Note:** It is the sole responsibility of the bidder/proposer to ensure that their response is submitted electronically through the [City's on-line strategic sourcing platform](#) prior to the bid opening date and time listed. Paper bid submittals will not be accepted. All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the department of state, in accordance with Florida Statute §607.1501 (visit <http://www.dos.state.fl.us/>).

Company: (Legal Registration) Kimley-Horn and Associates, Inc. EIN (Optional): 56-0885615

Address: 11601 Kew Gardens Avenue, Suite 200

City: Palm Beach Gardens State: FL Zip: 33410

Telephone No.: 561.840.0277 FAX No.: 561.863.8175 Email: jerry.piccolo@kimley-horn.com

Delivery: Calendar days after receipt of Purchase Order (**section 1.02 of General Conditions**): \_\_\_\_\_

Total Bid Discount (**section 1.05 of General Conditions**): \_\_\_\_\_

Check box if your firm qualifies for DBE (**section 1.09 of General Conditions**): ☐

**ADDENDUM ACKNOWLEDGEMENT** - Proposer acknowledges that the following addenda have been received and are included in the proposal:

Addendum No.	Date Issued	Addendum No.	Date Issued	Addendum No.	Date Issued	Addendum No.	Date Issued
1	2/27/2025						
2	2/27/2025						

**VARIANCES:** If you take exception or have variances to any term, condition, specification, scope of service, or requirement in this competitive solicitation you must specify such exception or variance in the space provided below or reference in the space provided below all variances contained on other pages within your response. Additional pages may be attached if necessary. No exceptions or variances will be deemed to be part of the response submitted unless such is listed and contained in the space provided below. The City does not, by virtue of submitting a variance, necessarily accept any variances. If no statement is contained in the below space, it is hereby implied that your response is in full compliance with this competitive solicitation. If you do not have variances, simply mark N/A.

N/A

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, that in no event shall the City's liability for respondent's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:

Stefano Viola, PE

Name (printed)

3/26/2025

Date

  
Signature

Vice President

Title

**AFFIDAVIT OF COMPLIANCE WITH FOREIGN ENTITY LAWS**  
**(Florida Statute- §287.138, 692.201, 692.202, 692.203, and 692.204)**

The undersigned, on behalf of the entity listed below ("Entity"), hereby attests under penalty of perjury as follows:

1. Entity is not owned by the government of a foreign country of concern as defined in Section 287.138, Florida Statutes. (Source: § 287.138(2)(a), Florida Statutes)
2. The government of a foreign country of concern does not have a controlling interest in Entity. (Source: § 287.138(2)(b), Florida Statutes)
3. Entity is not organized under the laws of, and does not have a principal place of business in, a foreign country of concern. (Source: § 287.138(2)(c), Florida Statutes)
4. Entity is not owned or controlled by the government of a foreign country of concern, as defined in Section 692.201, Florida Statutes. (Source: § 288.007(2), Florida Statutes)
5. Entity is not a partnership, association, corporation, organization, or other combination of persons organized under the laws of or having its principal place of business in a foreign country of concern, as defined in Section 692.201, Florida Statutes, or a subsidiary of such entity. (Source: § 288.007(2), Florida Statutes)
6. Entity is not a foreign principal, as defined in Section 692.201, Florida Statutes. (Source: § 692.202(5)(a)(I), Florida Statutes)
7. Entity is in compliance with all applicable requirements of Sections 692.202, 692.203, and 692.204, Florida Statutes.
8. **(Only applicable if purchasing real property)** Entity is not a foreign principal prohibited from purchasing the subject real property. Entity is either (a) not a person or entity described in Section 692.204(1)(a), Florida Statutes, or (b) authorized under Section 692.204(2), Florida Statutes, to purchase the subject property. Entity is in compliance with the requirements of Section 692.204, Florida Statutes. (Source: §§ 692.203(6)(a), 692.204(6)(a), Florida Statutes)
9. The undersigned is authorized to execute this affidavit on behalf of Entity.

Name: Stefano Viola, PE Title: Vice President Entity: Kimley-Horn and Associates, Inc.

Signature:  Date: 3/26/2025

**NOTARY PUBLIC ACKNOWLEDGEMENT SECTION**

STATE OF Florida  
COUNTY OF Orange

The foregoing instrument was acknowledged before me, by means of ☒ physical presence or ☐ online notarization, this 26 day of March 2025 by Stefano Viola, PE, as

Vice President for Kimley-Horn and Associates, Inc., who is

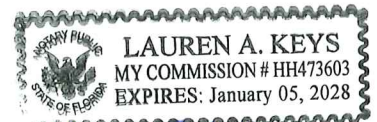
personally known to me or who has produced \_\_\_\_\_ as identification.

Notary Public Signature: 

(Notary Seal)

Print Name: Lauren A. Keys

My commission expires: January 5, 2028







# ANTI-HUMAN TRAFFICKING AFFIDAVIT

Rev Date: 01/13/2025

The undersigned, on behalf of Kimley-Horn and Associates, Inc.,

(Print complete name incorporated with suffix: INC, LLC, LTD, LP, PA, etc.)

a North Carolina (State corporation is registered) Profit (Type of entity: profit or non-profit),  
("Nongovernmental Entity"), under penalty of perjury, hereby deposes and says:

1. My name is Stefano Viola, PE.  
(Print complete name of corporate officer/authorized representative)
2. I am an ☐ officer or ☒ authorized representative (Select one) of the Nongovernmental Entity. My title is: Vice President.  
(Print title of corporate officer/authorized representative)
3. I attest that the Nongovernmental Entity does not use coercion for labor or services as defined in Section 787.06, Florida Statutes (2024), as may be amended or revised.

Under penalties of perjury, I declare that I have read the foregoing Anti-Human Trafficking Affidavit and that the facts stated in it are true.

Signature of Officer or Representative: [Signature]

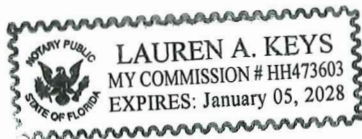
Office Address: 11601 Kew Gardens Avenue, Suite 200, Palm Beach Gardens, FL, 33410

Email Address: jerry.piccolo@kimley-horn.com

Main Phone Number: 561.840.0277 FEIN No.: 56-0885615

STATE OF Florida  
COUNTY OF Orange

Sworn to and subscribed before me by means of ☒ physical presence or ☐ online  
notarization, this 26 day of March, 2025, by Stefano Viola, PE.  
(Print name of corporate officer/representative)



(NOTARY SEAL)

[Signature]  
(Signature of Notary Public – State of Florida)

Lauren A. Keys  
Print, Type or Stamp Commissioned Name of  
Notary Public)

Personally Known ☒ OR Produced Identification ☐

Type of Identification Produced \_\_\_\_\_



## ADDENDUM NO. 1

ITB No. 423

TITLE: BRIDGE DESIGN AND MISCELLANEOUS STRUCTURAL ENGINEERING  
SERVICES

ISSUED: FEBRUARY 27, 2025

This addendum is being issued to make the following change (s):

- Revision of Section 12.9 of the Sample agreement

### CHANGE FROM

#### 12.9 INDEMNIFICATION OF CITY

~~12.9.1 CONSULTANT shall indemnify and hold harmless CITY, its officers and employees, from liabilities, damages, losses, and costs, including but not limited to reasonable attorneys' fees, to the extent caused by the negligence, recklessness or intentional misconduct of CONSULTANT and persons employed or utilized by CONSULTANT in the performance of this Agreement. These indemnifications shall survive the term of this Agreement. In the event that any action or proceeding is brought against CITY by reason of any such claim or demand, CONSULTANT, shall, upon written notice from CITY, resist and defend such action or proceeding by counsel approved by the CITY.~~

~~12.9.2 To the extent considered necessary by Contract Administrator and CITY, any sums due the CONSULTANT under this Agreement may be retained by CITY until all of the CITY's claims for indemnification pursuant to this Agreement have been settled or otherwise resolved, and any amount withheld shall not be subject to payment of interest by CITY.~~

~~12.9.3 The Indemnification provided above shall obligate CONSULTANT to defend at its own expense to and through appellate, supplemental or bankruptcy proceeding, or to provide for such defense, at CITY's option, any and all claims of liability and all suits and actions of every name and description covered by Section 11.9.1 above that may be brought against CITY whether performed by CONSULTANT, or persons employed or utilized by CONSULTANT. CHECK THIS~~



---

**CHANGED TO**

**12.9 INDEMNIFICATION OF CITY**

12.9.1 CONSULTANT shall indemnify and hold harmless CITY, its officers and employees, its elected and appointed officials, and its agents, from all liabilities, damages, losses, and costs, including but not limited to reasonable attorneys' fees, to the extent caused by the negligence, recklessness or intentional misconduct of CONSULTANT and any persons employed or utilized by CONSULTANT in the performance of this Agreement, and any associated Task Orders or Work Authorization. These indemnifications shall survive the term of this Agreement. In the event that any action or proceeding is brought against CITY by reason of any such claim or demand, CONSULTANT shall, upon written notice from CITY, resist and defend such action or proceeding by counsel approved by the CITY.

12.9.2 To the extent considered necessary by Contract Administrator and CITY, any sums due the CONSULTANT under this Agreement may be retained by CITY until all of the CITY's claims for indemnification pursuant to this Agreement have been settled or otherwise resolved, and any amount withheld shall not be subject to payment of interest by CITY.

All other terms, conditions, and specifications remain unchanged.

Yesenia Pascual  
Sr. Procurement Specialist

Company Name: Kimley-Horn and Associates, Inc.

(please print)

Bidder's Signature: 

Date: 2/27/2025





City of Fort Lauderdale • Procurement Services Division  
101 NE 3<sup>rd</sup> Avenue, 1650 • Fort Lauderdale, Florida 33301  
954-828-5933 Fax 954-828-5576  
[purchase@fortlauderdale.gov](mailto:purchase@fortlauderdale.gov)

## ADDENDUM NO. 2

ITB No. 423

TITLE: BRIDGE DESIGN AND MISCELLANEOUS STRUCTURAL ENGINEERING  
SERVICES

ISSUED: FEBRUARY 27, 2025

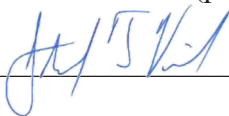
This addendum is being issued to make the following change (s):

- The opening date has been changed to March 27<sup>th</sup>, 2025, at 2:00 PM.
- Q & A Close date has changed to March 20<sup>th</sup>, 2025, at 5:00 PM.

All other terms, conditions, and specifications remain unchanged.

Yesenia Pascual  
Sr. Procurement Specialist

Company Name: Kimley-Horn and Associates, Inc.  
(please print)

Bidder's Signature: 

Date: 2/27/2025

**AFFIDAVIT OF COMPLIANCE WITH FOREIGN ENTITY LAWS**  
**(Florida Statute- §287.138, 692.201, 692.202, 692.203, and 692.204)**

The undersigned, on behalf of the entity listed below ("Entity"), hereby attests under penalty of perjury as follows:

1. Entity is not owned by the government of a foreign country of concern as defined in Section 287.138, Florida Statutes. (Source: § 287.138(2)(a), Florida Statutes)
2. The government of a foreign country of concern does not have a controlling interest in Entity. (Source: § 287.138(2)(b), Florida Statutes)
3. Entity is not organized under the laws of, and does not have a principal place of business in, a foreign country of concern. (Source: § 287.138(2)(c), Florida Statutes)
4. Entity is not owned or controlled by the government of a foreign country of concern, as defined in Section 692.201, Florida Statutes. (Source: § 288.007(2), Florida Statutes)
5. Entity is not a partnership, association, corporation, organization, or other combination of persons organized under the laws of or having its principal place of business in a foreign country of concern, as defined in Section 692.201, Florida Statutes, or a subsidiary of such entity. (Source: § 288.007(2), Florida Statutes)
6. Entity is not a foreign principal, as defined in Section 692.201, Florida Statutes. (Source: § 692.202(5)(a)(I), Florida Statutes)
7. Entity is in compliance with all applicable requirements of Sections 692.202, 692.203, and 692.204, Florida Statutes.
8. **(Only applicable if purchasing real property)** Entity is not a foreign principal prohibited from purchasing the subject real property. Entity is either (a) not a person or entity described in Section 692.204(1)(a), Florida Statutes, or (b) authorized under Section 692.204(2), Florida Statutes, to purchase the subject property. Entity is in compliance with the requirements of Section 692.204, Florida Statutes. (Source: §§ 692.203(6)(a), 692.204(6)(a), Florida Statutes)
9. The undersigned is authorized to execute this affidavit on behalf of Entity.

Name: Stefano Viola, PE Title: Vice President Entity: Kimley-Horn and Associates, Inc.

Signature:  Date: 3/26/2025

**NOTARY PUBLIC ACKNOWLEDGEMENT SECTION**

STATE OF Florida  
COUNTY OF Orange

The foregoing instrument was acknowledged before me, by means of ☒ physical presence or ☐ online notarization, this 26 day of March 2025 by Stefano Viola, PE, as

Vice President for Kimley-Horn and Associates, Inc., who is

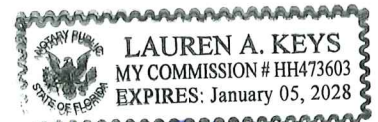
personally known to me or who has produced \_\_\_\_\_ as identification.

Notary Public Signature: 

(Notary Seal)

Print Name: Lauren A. Keys

My commission expires: January 5, 2028



## CITY OF FORT LAUDERDALE BID/PROPOSAL CERTIFICATION

**Please Note:** It is the sole responsibility of the bidder/proposer to ensure that their response is submitted electronically through the [City's on-line strategic sourcing platform](#) prior to the bid opening date and time listed. Paper bid submittals will not be accepted. All fields below must be completed. If the field does not apply to you, please note N/A in that field.

If you are a foreign corporation, you may be required to obtain a certificate of authority from the department of state, in accordance with Florida Statute §607.1501 (visit <http://www.dos.state.fl.us/>).

Company: (Legal Registration) Kimley-Horn and Associates, Inc. EIN (Optional): 56-0885615

Address: 11601 Kew Gardens Avenue, Suite 200

City: Palm Beach Gardens State: FL Zip: 33410

Telephone No.: 561.840.0277 FAX No.: 561.863.8175 Email: jerry.piccolo@kimley-horn.com

Delivery: Calendar days after receipt of Purchase Order (**section 1.02 of General Conditions**): \_\_\_\_\_

Total Bid Discount (**section 1.05 of General Conditions**): \_\_\_\_\_

Check box if your firm qualifies for DBE (**section 1.09 of General Conditions**): ☐

**ADDENDUM ACKNOWLEDGEMENT** - Proposer acknowledges that the following addenda have been received and are included in the proposal:

Addendum No.	Date Issued	Addendum No.	Date Issued	Addendum No.	Date Issued	Addendum No.	Date Issued
1	2/27/2025						
2	2/27/2025						

**VARIANCES:** If you take exception or have variances to any term, condition, specification, scope of service, or requirement in this competitive solicitation you must specify such exception or variance in the space provided below or reference in the space provided below all variances contained on other pages within your response. Additional pages may be attached if necessary. No exceptions or variances will be deemed to be part of the response submitted unless such is listed and contained in the space provided below. The City does not, by virtue of submitting a variance, necessarily accept any variances. If no statement is contained in the below space, it is hereby implied that your response is in full compliance with this competitive solicitation. If you do not have variances, simply mark N/A.

N/A

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, that in no event shall the City's liability for respondent's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

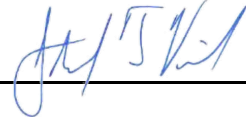
Submitted by:

Stefano Viola, PE

Name (printed)

3/26/2025

Date

  
Signature

Vice President

Title





### **CONTRACT PAYMENT METHOD**

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City has transitioned from traditional paper checks to credit card payments via MasterCard or Visa as part of this program.

This allows you as a vendor of the City of Fort Lauderdale to receive your payments fast and safely. No more waiting for checks to be printed and mailed.

In accordance with the contract, payments on this contract will be made utilizing the City's P-Card (MasterCard or Visa). Accordingly, bidders must presently have the ability to accept the credit card or take whatever steps necessary to implement acceptance of a card before the start of the contract term, or contract award by the City.

All costs associated with the Contractor's participation in this purchasing program shall be borne by the Contractor. The City reserves the right to revise this program as necessary.

By signing below, you agree with these terms.

Please indicate which credit card payment you prefer:

☐ MasterCard

☒ Visa

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

\_\_\_\_\_  
Company Name

**Stefano Viola, PE**

\_\_\_\_\_  
Name (Printed)

\_\_\_\_\_  
Signature

A handwritten signature in blue ink, appearing to read "Stefano Viola", written over a horizontal line.

**Vice President**

\_\_\_\_\_  
Title

**3/26/2025**

\_\_\_\_\_  
Date

## E-VERIFY AFFIRMATION STATEMENT

RFP/Bid /Contract No: RFQ Event #423

Project Description: Bridge Design and Miscellaneous Structural Engineering Services, Continuing Services Contract

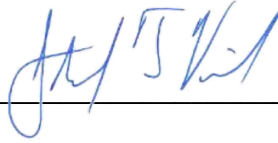
Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

- (a) all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,
- (b) all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

Contractor/Proposer/ Bidder Company Name: Kimley-Horn and Associates, Inc.

Authorized Company Person's Signature: \_\_\_\_\_



Authorized Company Person's Title: Stefano Viola, PE, Vice President

Date: 3/26/2025



### **NON-COLLUSION STATEMENT**

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g., ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents, and children) are also prohibited from contracting with the City subject to the same general rules.

**Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.**

#### **NAME**

#### **RELATIONSHIPS**

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**In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.**

  
\_\_\_\_\_  
Authorized Signature  
**Stefano Viola, PE**  
\_\_\_\_\_  
Name (Printed)

**Vice President**  
\_\_\_\_\_  
Title  
**3/26/2025**  
\_\_\_\_\_  
Date





**CONTRACTOR'S CERTIFICATE OF COMPLIANCE WITH  
NON-DISCRIMINATION PROVISIONS OF THE CONTRACT**

The completed and signed form should be returned with the Contractor's submittal. If not provided with submittal, the Contractor must submit within three business days of City's request. Contractor may be deemed non-responsive for failure to fully comply within stated timeframes.

Pursuant to City Ordinance Sec. 2-17(a)(i)(ii), bidders must certify compliance with the Non-Discrimination provision of the ordinance.

- A. Contractors doing business with the City shall not discriminate against their employees based on the employee's race, color, religion, gender (including identity or expression), marital status, sexual orientation, national origin, age, disability, or any other protected classification as defined by applicable law.

Contracts. Every Contract exceeding \$100,000, or otherwise exempt from this section shall contain language that obligates the Contractor to comply with the applicable provisions of this section.

The Contract shall include provisions for the following:

- (i) The Contractor certifies and represents that it will comply with this section during the entire term of the contract.
- (ii) The failure of the Contractor to comply with this section shall be deemed to be a material breach of the contract, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.

\_\_\_\_\_  
Authorized Signature

**Stefano Viola, PE, Vice President**

\_\_\_\_\_  
Print Name and Title

**3/26/2025**

\_\_\_\_\_  
Date

**QUESTIONNAIRE SHEET**

PLEASE PRINT OR TYPE:

Firm Name: Kimley-Horn and Associates, Inc.

President Steve Lefton, PLA, AICP

Business Address:

11601 Kew Gardens Avenue, Suite 200, Palm Beach Gardens, FL, 33410

Telephone: 561.840.0277

Fax:

561.863.8175

E-Mail Address:

jerry.piccolo@kimley-horn.com

What was the last project of this nature which you completed? Include the year, description, and contract value.

As part of the City of Vero Beach continuing services contract, Kimley-Horn provided design services for structural and non-structural repairs to facilitate the rehabilitation of the Veteran's Memorial bridge. The project was closed in 2024. Contract value: \$1,509,227.

The following are named as three corporations and representatives of those corporations for which you have performed work similar to that required by this contract, and which the City may contact as your references (include addresses, telephone numbers and e-mail addresses). Include the project name, year, description, and contract value.

City of Lighthouse Point\*

City of Vero Beach\*

St. Lucie County\*

\*Please see reference section for contact addresses, telephone numbers and e-mail addresses as well as project name, year, description, and contract value.

How many years has your organization been in business? 58

Have you ever failed to complete work awarded to you; if so, where and why?

N/A

The name of the qualifying agent for the firm and his position is: Stefano Viola, PE, Vice President

Certificate of Competency Number of Qualifying Agent: 74655

Effective Date: 6/8/2012

Expiration Date: 02/28/2027

Licensed in: Florida

Engineering Contractor's License # 696 (N/A / Florida)

(County/State)

Expiration Date: N/A - Current per DBPR

**NOTE: To be considered for award of this contract, the bidder must submit a financial statement upon request.**

**NOTE: Contractor must have proper licensing and shall provide copy of same with his proposal.**

### QUESTIONNAIRE SHEET

1. Have you personally inspected the proposed work and have you a complete plan for its performance?

Yes, Kimley-Horn looks forward to performing work for the City.

2. Will you sublet any part of this work? If so, list the portions or specialties of the work that you will.

a) Design, Right-of-Way, Construction Survey

b) Geotechnical Engineering, Soil Explorations,

c) Subsurface Utility Explorations

d) Bridge Hydraulic Coastal Modeling

e) Cultural Resource Assessment Survey

f)

g)

3. What equipment do you own that is available for the work?

N/A

4. What equipment will you purchase for the proposed work?

N/A

5. What equipment will you rent for the proposed work?

N/A



All references shall include owner, address, contact name, phone number, email and the contract value. References shall not include the City of Fort Lauderdale. A minimum of three (3) references shall be provided. Refer to Section 2.8 Minimum Qualifications.

**Note: Do not include proposed team members or parent/subsidiary companies as references in your submittals.**

**A. PROPOSERS NAME:** Kimley-Horn and Associates, Inc.

**SPECIFIC EXPERIENCE NO.1**

Name of firm to be contacted: City of Lighthouse Point

Address: 2200 NE 38<sup>th</sup> Street Lighthouse Point, FL 33064

Contact Person: James Finley

Phone No: (     ) 954.868.4153

Contact E-Mail Address: jfinley@lighthousepoint.com

Project Performance Period: 01/2023 to 01/ 2025  
Dates should be in mm/yy format

Project Name : Lighthouse Point Bridge Repairs

Location of Project: City of Lighthouse Point

Description of the overall scope:

This project entailed developing bridge repair plans for eight vehicular bridges and two pedestrian bridges.

In addition to developing bridge repair plans, six of 1950's constructed bridges were load rated. As-built

bridge plans were not available so the load ratings were done using field measurements and rebar

scanning results.

Description of work that was self-performed by proposer:

Kimley-horn performed field visits, developed the bridge rehabilitation plans based off of field findings and performed the load ratings. Kimley-Horn also assisted the City during the bidding phase of the project.

Kimley-Horn also assisted the City during the construction phase of the project by performing inspections, reviewing shop drawings, RFI's, pay applications, and coordinating with the Contractor/City.

Original Project Budget: \$1,760,697 Project Final Cost: \$1,806,965

### **SPECIFIC EXPERIENCE NO.2**

Address: 1053 20<sup>th</sup> Place, Vero Beach, FL 32960

Contact Person: Danessa Chambers, PE

Phone No: (      ) 772.978.4815

Contact E-Mail Address: DChambers@covb.org

Project Performance Period: 01/2021 to 01/2024  
Dates should be in mm/yy format

Project Name : Veteran's Memorial Island Bridge Replacement

Location of Project: Veterans Memorial Park

Description of the overall scope:

. This project entailed designing and permitting the replacement bridge to access the Veterans Memorial Island. The bridge was designed utilizing resilient reinforcement to prolong the life of the structure as the existing bridge experienced severe corrosion. The project also relocated a watermain off the bridge using a directional drill. FPL coordination was also included as part of this project.

Description of work that was self-performed by Proposer:

. Kimley-Horn developed the design of the replacement bridge and performed the civil, structural, and utility design. Kimley-Horn also completed the environmental assessment and permitting as part of this project.

Kimley-Horn assisted the City during the construction phase of the project by leading the CE&I efforts and performing structural inspections throughout the project.

Original Project Budget: \$1,495,727 Project Final Cost: \$1,509,227

### **SPECIFIC EXPERIENCE NO.3**

Address: 2300 Virginia Ave. Fort Pierce 34945

Contact Person: Daniel Finz

Phone No: (      ) 772.462.2742

Contact E-Mail Address: Daniel.Finz@stlucieco.gov

Project Performance Period: 5/2018 to 2/2025  
Dates should be in mm/yy format

Project Name : SLC Shinn Road Bridge Repairs

Location of Project: St. Lucie County

Description of the overall scope:

\_ This project was broken out of an originally larger project that developed repair plans for eleven deficient bridges throughout the County. The original project was broken into individual bridges that were put out to bid. This project developed repairs for two bridges that were damaged by Hurricane Irma. The project also included environmental permitting for the bridges with SFWMD and US Army Corps of Engineers.

Description of work that was self-performed by Proposer:

\_ Kimley Horn performed the site visits and developed bridge repair plans to address the observed deficiencies as well as the deficiencies listed in the bridge inspection report. Kimley-Horn also did the environmental permitting associated with these project. Kimley-Horn recently assisted the County during the construction phase of the project by performing structural inspections.

Original Project Budget: \$955,710 Project Final Cost: \$995,000



## ADDENDUM NO. 1

ITB No. 423

TITLE: BRIDGE DESIGN AND MISCELLANEOUS STRUCTURAL ENGINEERING  
SERVICES

ISSUED: FEBRUARY 27, 2025

This addendum is being issued to make the following change (s):

- Revision of Section 12.9 of the Sample agreement

### CHANGE FROM

#### 12.9 INDEMNIFICATION OF CITY

~~12.9.1 CONSULTANT shall indemnify and hold harmless CITY, its officers and employees, from liabilities, damages, losses, and costs, including but not limited to reasonable attorneys' fees, to the extent caused by the negligence, recklessness or intentional misconduct of CONSULTANT and persons employed or utilized by CONSULTANT in the performance of this Agreement. These indemnifications shall survive the term of this Agreement. In the event that any action or proceeding is brought against CITY by reason of any such claim or demand, CONSULTANT, shall, upon written notice from CITY, resist and defend such action or proceeding by counsel approved by the CITY.~~

~~12.9.2 To the extent considered necessary by Contract Administrator and CITY, any sums due the CONSULTANT under this Agreement may be retained by CITY until all of the CITY's claims for indemnification pursuant to this Agreement have been settled or otherwise resolved, and any amount withheld shall not be subject to payment of interest by CITY.~~

~~12.9.3 The Indemnification provided above shall obligate CONSULTANT to defend at its own expense to and through appellate, supplemental or bankruptcy proceeding, or to provide for such defense, at CITY's option, any and all claims of liability and all suits and actions of every name and description covered by Section 11.9.1 above that may be brought against CITY whether performed by CONSULTANT, or persons employed or utilized by CONSULTANT. CHECK THIS~~

---

**CHANGED TO**

**12.9 INDEMNIFICATION OF CITY**

12.9.1 CONSULTANT shall indemnify and hold harmless CITY, its officers and employees, its elected and appointed officials, and its agents, from all liabilities, damages, losses, and costs, including but not limited to reasonable attorneys' fees, to the extent caused by the negligence, recklessness or intentional misconduct of CONSULTANT and any persons employed or utilized by CONSULTANT in the performance of this Agreement, and any associated Task Orders or Work Authorization. These indemnifications shall survive the term of this Agreement. In the event that any action or proceeding is brought against CITY by reason of any such claim or demand, CONSULTANT shall, upon written notice from CITY, resist and defend such action or proceeding by counsel approved by the CITY.

12.9.2 To the extent considered necessary by Contract Administrator and CITY, any sums due the CONSULTANT under this Agreement may be retained by CITY until all of the CITY's claims for indemnification pursuant to this Agreement have been settled or otherwise resolved, and any amount withheld shall not be subject to payment of interest by CITY.

All other terms, conditions, and specifications remain unchanged.

Yesenia Pascual  
Sr. Procurement Specialist

Company Name: Kimley-Horn and Associates, Inc.

(please print)

Bidder's Signature: 

Date: 2/27/2025

**ADDENDUM NO. 2**

ITB No. 423

**TITLE: BRIDGE DESIGN AND MISCELLANEOUS STRUCTURAL ENGINEERING  
SERVICES**

**ISSUED: FEBRUARY 27, 2025**

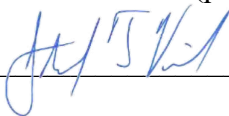
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Yesenia Pascual  
Sr. Procurement Specialist

Company Name: Kimley-Horn and Associates, Inc.  
(please print)

Bidder's Signature: 

Date: 2/27/2025





**CITY OF FORT LAUDERDALE**

**SWORN STATEMENT PURSUANT TO SECTION 287.087, FLORIDA  
STATUTES, ON PREFERENCE TO BUSINESS WITH  
DRUG-FREE WORK PLACE PROGRAMS**

I certify that I have established a Drug Free Work Place program and have complied with the following

- a. Published and distributed to each employee a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibitions.
- b. Required all new employees to undergo laboratory testing as a condition of employment and will require all employees, as a condition of their continued employment, to undergo laboratory testing to detect illegal drug or alcohol use according to Florida Statutes 440.101 and 440.102.
- c. Ensured that applicants with a confirmed positive drug or alcohol screening test result are not considered for employment.
- d. Have tested employees when reasonably suspected of illegal drug or alcohol use.
- e. Ensured that any employee refusing to take a drug or alcohol screening test in violation of the Drug Free Work Place Policy is subject to dismissal for failure to abide by the provisions of the Policy.
- f. Informed employees about the dangers of drug abuse in the workplace, the business' policy of maintain a drug-free workplace, any available drug counseling, rehabilitation and employee assistance programs and the penalties that may be imposed upon employees for drug abuse violations.
- g. In the statement specified in subparagraph a, notified the employees that, as a condition of their employment, the employee will abide by the terms of the statement and will notify their employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States of any state, for a violation occurring in the workplace no later than 5 days after such conviction.

- h. Have required all employees to sign a copy of this statement of compliance acknowledging their understanding and agreeing to abide with the requirements of the Drug Work Place Policy.
- i. Will impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.
- j. Am making a good faith effort to continue to maintain a Drug Free Work Place through implementation of this document.

BY: Stefano Viola DATE: 6/30/25

NAME (Printed) Stefano Viola, PE TITLE: Senior Vice President

COMPANY NAME: Kimley-Horn and Associates, Inc.

Affix Company Seal

