

December 29, 2025

**Request for Letter  
of Interest 26-006  
Continuing Contract for  
Professional Structural  
Engineering Services – CCNA**

**Kimley»»Horn**

Expect More. Experience Better.



P O M P A N O B E A C H

TRFLPBG012284

**Title Page:**

**Request for Letters of Interest – 26-006**  
**Continuing Contract for Professional Structural Engineering Services – CCNA**  
**TRFLPBG012284**

11601 Kew Gardens Ave  
Suite 200  
Palm Beach Gardens, FL 33410  
Phone: 561-840-0859

**JAMEA LONG, PE**

*jamea.long@kimley-horn.com*

**Kimley»Horn**

Expect More. Experience Better.

*December 29, 2025*

POMPANO BEACH BLVD

E ATLANTIC BLVD





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# LETTER OF TRANSMITTAL

December 29, 2025

MICHAEL LEE, CITY OF POMPANO BEACH

1010 NE 3 Avenue  
Pompano Beach, FL 33060

KIMLEY-HORN AND ASSOCIATES, INC.

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

## RE: Request for Letters of Interest – 26-006 Continuing Contract for Professional Structural Engineering Services – CCNA

Dear Selection Committee Members:

Kimley-Horn is pleased to present the enclosed qualifications and response to the City of Pompano Beach and the Pompano Beach CRA's Request for Letters of Interest for Structural Engineering Services. We have 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 small structural assessment tasks to large bridge replacement tasks. This success is based on a combination of effective project management skills and technical expertise.

As your project manager, my 29 years of experience working as a structural engineer on highway, municipal, and other miscellaneous structural projects, coupled with rest of the Kimley-Horn team, offers a wide range of experience in various structural engineering tasks including:

- » Municipal Buildings
- » Bridge Repair, Reconstruction, and Replacements
- » Miscellaneous Building Repair, Improvement, and Renovations
- » Roofing Repairs, Replacements, and Parking Structures
- » Seawall Repair, Reconstruction, and Replacements
- » Marine Structures
- » Parks and Recreational Facilities
- » Emergency Power Projects
- » General Transportation Structures, Including Bridges, Light Poles, Mast Arms, Walls, Special Inspection, and Structural Condition Assessments

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

Kimley-Horn has a proven track record of successfully delivering structural projects within South Florida, the Treasure Coast, and in St. 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 Guidelines, 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 70 structural professionals in Florida—20 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.



## LETTER OF TRANSMITTAL Continued

### MEANINGFUL USE OF SUBCONSULTANTS AND LOCAL PARTNERS

Our teaming partners, H2R Corp., will provide geotechnical services, and Keith and Associates, Inc., will provide survey, SUE, and utility coordination, while also being equipped with intense local knowledge, as it is based in Pompano Beach. 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.

### 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 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.

### 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 can 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.

The Kimley-Horn team has enjoyed a successful working relationship with the City of Pompano Beach for many years, and we look forward to continuing to provide quality, cost-effective, and creative solutions while maintaining efficient project management on this Continuing Contract for Structural Engineering Services. We will continue to 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 schedule. We sincerely appreciate the opportunity to present our qualifications to you and look forward to serving as your on-call structural engineering consultant.

Sincerely,

Kimley-Horn and Associates, Inc.



*Jamea Long*

**Jamea Long, PE**

Project Manager / Vice President

E: [jamea.long@kimley-horn.com](mailto:jamea.long@kimley-horn.com)

P: 561-840-0859

As a Vice President of the firm, **Jamea Long, PE**, is authorized to make representations on behalf of the firm.

# Kimley»Horn

## 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.  
 Kauppila, 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, Shahzad

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 C.  
 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

Chakravathy, Srikanth

SAN DIEGO

Barlow, Matthew T.  
 Becker, Justin S.  
 Harry, Jennifer L.  
 Heustess, Aaron M.  
 Kaltsas, Joseph D.  
 Madsen, Michael P.  
 McCormick, Matthew B.  
 McWhorter, Samuel L.

Podegracz, 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.

DURHAMDOWNTOWN

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.  
 Royal, Jack R.  
 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.

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

Emmons, Erin N.  
Falce, Christopher T.  
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  
Fancier-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, Timothy 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, Bradly 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.  
Fanne, Angela L.  
Fanne, 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.

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

NASHVILLE

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

SAVANNAH

Gwaltney, Jamie N.  
Marsengill, R.  
Christopher

WOODSTOCK

West, Brian B.

**TEXAS SOUTH**

AUSTIN EAST

Hamilton, Robert J.  
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  
Frynsinger, Ashley M.  
Frynsinger, 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.  
Kirkland, Mark R.  
Lewis, Tyler W.



# TECHNICAL APPROACH

Proposal for **Continuing Contract for Professional Structural Engineering Services - GCNA**  
TRFLPBG012284 | December 29, 2025



## TECHNICAL APPROACH

Kimley-Horn understands this is a task-order-driven continuing services contract used to accomplish a wide range of structural-related tasks for the City. We have extensive experience with structural engineering continuing services contracts and understand that each task order can be as diverse as bridge replacements, structural plan review, structural assessments, inspections, or structural rehabilitations. Our team recently provided structural services through continuing services contracts to clients including St. Lucie County, Palm Beach County, the City of Lighthouse Point, and the City of Vero Beach.

We treat each task assigned with an individualized approach that brings together the necessary disciplines to complete the task. At Kimley-Horn, we realize each task will have its own expectations, and we work to exceed those expectations.

We understand most of the task orders under this contract will likely be related to the City's bridges. It is also understood that 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 TASKS TO MAKE THESE OPPORTUNITIES SUCCESSFUL IS AS FOLLOWS:

- » **Think Fast as an Extension of the City's Staff.** It's important, as your consultant, to provide prompt, creative, and effective solutions to the task presented in the on-call. An abundance of local resources helps our team achieve this for the City.
- » **Think Big Picture.** Identify what ripple effects these tasks could have and identify them early to avoid delays or issues in design and construction.
- » **Be Innovative.** Look for creative out-of-the-box solutions that provide the City with the most economical and best solution to the task.
- » **Team with Other Consultants.** Kimley-Horn has two qualified sub-consultants on this project, and it is important to put our best foot forward for the task assigned.
- » **Provide Community Support.** Community outreach support may be necessary for some tasks. Our team is committed to providing the City with all the assistance needed to keep the residents informed.
- » **Be Flexible.** We understand schedule changes (accelerated or delayed) and project changes, and we are prepared to adjust with these changes. We also understand that budgets are a constraint and will work toward cost-effective approaches in design and construction. Our team is available for any task size.

## PROJECT STRATEGY

Through our experience on various continuous services contracts, we have developed a strategy for approaching each task assignment.

### OUR STRATEGY INCLUDES THE FOLLOWING STEPS:

1. Visit the site to understand the field conditions prior to defining the scope
2. Identify and anticipate potential risks, including those affecting budget, schedule, and stakeholders, and formulate any steps necessary to take early
3. Meet to discuss the scope to clearly understand the task and deliverables for the project
4. Create a clear scope for the project based on the meeting
5. Discuss the most cost-effective way to complete the desired deliverables that will meet the project goals and the City's expectations with stakeholders
6. Create a schedule with clearly defined deliverables for each critical milestone
7. Conduct weekly internal project team meetings to keep milestone tasks on schedule that City staff would be welcome to attend
8. Provide the City with regular updates for use on the City's website and communication with internal staff and City leaders
9. Track all design issues and staff members involved to quickly resolve and minimize schedule impacts
10. Complete the deliverables
11. Build the project

### Clearly Define the Challenges and Set Objectives

The Kimley-Horn team will partner with the City to understand each task assignment and work together with open communication to set a plan to meet the objectives of the project with an efficient, constructible, and cost-effective solution. The relationships our team has with the City will enable our team to understand not just the task at hand, but how this task fits into the bigger picture for the City. This will include the identification of stakeholders' positions and objectives by working with groups such as residential communities, advisory boards, local businesses, and local and state agencies. We will also encourage communication among the various City departments and the CRAs to ensure the scope addresses not only the construction of a project, but sustainable operation and maintenance for the City at the completion of the project.

### Evaluate the Situation and Develop a Feasible Solution

A feasible project must consider not only the initial cost but also project resiliency along with long term operation and maintenance cost. Kimley-Horn will work to understand not only the initial task assigned but also the impacts this project will create for other areas in the City. It's important to start each project by identifying impacts to surrounding areas, constructability concerns (i.e. how it can be constructed while maintaining the facility for public use), and stakeholder concerns. Understanding all of this is essential to provide a quality project for the City and to avoid headaches with citizens and the business community. We know the City is dedicated to the citizens, and community involvement is an important component in determining the overall design program and implementation priorities.

## Approach to Assignments

1. **Initial Project Request from the City.** Each project task will be initiated by a request from the City. After this request, the project manager will reach out to the City's Project Manager for the task within one business day to discuss the assignment.
2. **Identify Role of Specialty Subconsultants.** Should a specific subconsultant expertise be required for an assignment, it is important for Kimley-Horn to contact that local subconsultant early in the development phase so they are included in the preliminary discussions and can participate in the scope, schedule, and fee development. Kimley-Horn utilizes subconsultants that we work well with and have a proven track record of delivering on-time, quality project deliverables. We expect our subconsultants to meet our high standards while performing meaningful tasks for the City.
3. **Preliminary Personnel Assignment.** This project has many different types of structural engineering services that could be necessary. While the Kimley-Horn team can do it all, we want to make sure the correct staff are assigned at the beginning of the project to ensure the City gets the best quality product. For example, if you have building repairs to complete, we would not assign an engineer who mostly has bridge experience. This helps in all aspects of the tasks, but especially with maintaining budget and schedules. This results in eliminating the learning curve on the City's tasks.
4. **Project Status and Plan Review Meetings.** It's imperative that our team acts as an extension of the City's staff. The team will have weekly team meetings to avoid any lapse in communication among team members and make sure the project is moving in the right direction. These meetings can include discussion of project progress, scope, and status of related work and alternatives. Project issues will also be discussed in these meetings. In addition to these meetings, we keep the City's PM apprised of all decisions as the project progresses. We have found it helpful to create a design decision matrix for each assignment so that any important decisions are documented in one place. This also helps in the case of any project transition, if necessary, either on the City's side or the Consultant side.
5. **Communication.** While meetings are important, they are by no means the only form of communication amongst team members or between the team and the City. Emails, phone calls, and web-based communication are a foundation of our corporate culture.



## Project Schedule and Budget Control

Meeting schedule requirements is critical to the success of every individual project. We will create a schedule at the start of all task orders that we share with all team members, including subconsultants, and monitor throughout the life of the task. In addition, Kimley-Horn uses our 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 plan 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, who are poised to meet the City’s scheduling needs.**



Budget control spans the lifetime of an assignment, from scoping to construction. During scoping, we will communicate with the City to ensure that all project goals are identified to avoid supplemental agreements and ensure future phases of the project are considered. Using the appropriate staffing to complete the task and keeping the same people on the assigned tasks maintains the continuity of the project and avoids waste on budgets. Our team will continue to work with the City and Contractor to minimize delays, cost overruns, and potential claims during construction.



### Weekly

*ADDRESS ANY IMMEDIATE PROJECT NEEDS AND WEEKLY MILESTONES*



### 1 - 3 Months

*REVIEW WORKLOAD AND ASSESS CURRENT PROJECT NEEDS*

- » Identify immediate project deliverables and milestones
- » Evaluate simultaneous workload needs
- » Allocate staff availability to support project deliverables



### 6 Months

*PROACTIVE RESOURCE PLANNING*

- » Forecast upcoming project deliverables and milestones
- » Evaluate team availability to support future deliverables



## Current and Projected Workload

Kimley-Horn's proactive management process facilitates the availability of firmwide and Florida-based resources for project staffing requirements. As mentioned previously, our management process, called "Castaheads," forecasts our workload one month and six months ahead and can identify work overloads and/or shortfalls for each office and discipline. The Castaheads process verifies that sufficient staff and effort hours are available to meet project schedules.

### **Our project team is immediately available to serve the City of Pompano Beach.**

We have proactively ensured that sufficient staff and effort hours are dedicated to this assignment, and our management process allows us to confirm the immediate availability of our team members to meet project schedules and workload demands. Based on a review of our Castaheads, we can ensure that the Kimley-Horn staff members selected for this team are in an excellent position to handle the required workload for the City of Pompano Beach.

Given the fluid nature of our staffing and current project demands, providing a full list of personnel workloads in this proposal is not practical. However, our project team's workload will be made available upon request.

*See the resumes of key personnel to see their availability for this contract.*



## Ability to Complete Projects On-Time and On-Budget

Kimley-Horn has consistently demonstrated the **ability to complete projects on time and within budget** by adhering to demanding schedules, employing effective management strategies, and maintaining rigorous budget control. Our proven track record of delivering projects ahead of schedule underscores our commitment to timely completion and efficient execution, while our detailed documentation and transparent reporting practices ensure that any budgetary variances are clearly explained and typically arise only from approved scope modifications. This dual commitment to schedule and financial discipline highlights Kimley-Horn's reliability in delivering projects within planned parameters.

Kimley-Horn provided structural engineering service for **Lighthouse Point's Bridge Repairs** as part of our continuing services contract. This project included conducting field reviews and developing bridge repair plans to facilitate the rehabilitation of eight City-owned vehicular bridges and two pedestrian bridges as well as assisting the City in the bidding phase and the construction phase of the project. Thanks to our effective and innovative approach that aligned with our project management plan, we contributed to our clients' success by **completing the project in the eight months designated in the schedule agreed upon by both Kimley-Horn and the City.**

Additionally, Kimley-Horn consistently demonstrates the **ability to adhere to initial design budgets.** Our detailed project documentation and transparent reporting practices ensure that any budgetary variances are clearly explained, typically arising only from approved scope modifications. This commitment to budget control underscores Kimley-Horn's reliability in delivering projects within planned financial parameters.

A notable example is another project we performed for Lighthouse Point: **the design, permitting, and bid phase services for repairs of the City's seawalls.** Initially, Kimley-Horn and Lighthouse Point **negotiated a budget of \$7,195**, but thanks to our careful use of funds, **the actual budget was far lower than the negotiated price at \$5,360.** Engineering services included site visits, plan development, environmental permitting with state and Federal agencies, and assembling documents and answering contractors' questions during the bid phase of the project.

**This achievement shows Kimley-Horn's strong commitment to staying on budget. By completing the project at the exact estimated cost, we prove our dedication to clear cost management and reliable project oversight, giving clients confidence in how we manage their investments.**



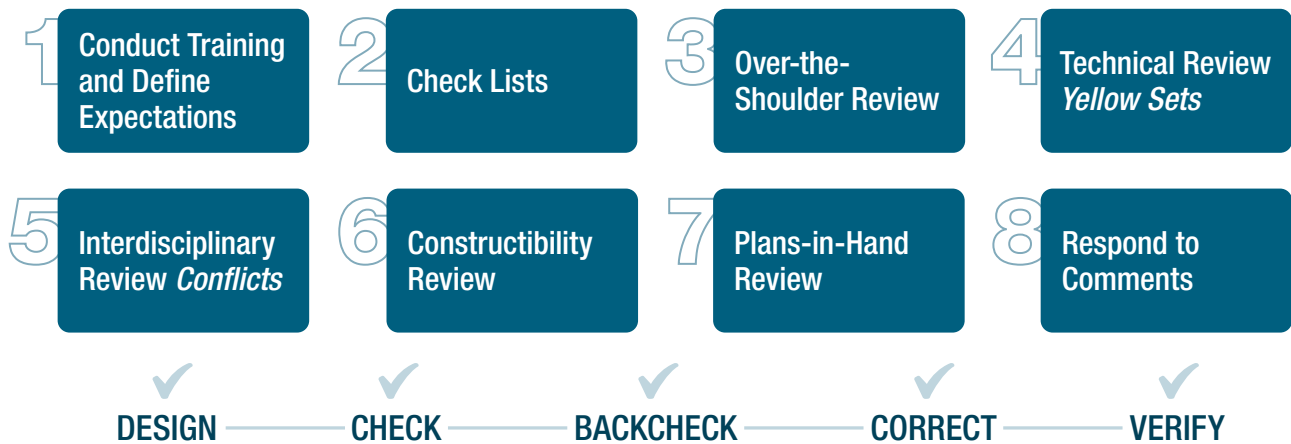
## Quality Control Review

Kimley-Horn understands that true quality starts with providing exceptional deliverables at every stage of the project. Quality is built into the designs and services provided to the City. We understand that quality products reduce project delays and costs. Our approach includes following a quality control plan (written specifically for the City), engaging the review staff as decisions are made, and keeping the same people involved with the project. Kimley-Horn will identify a project-specific file transfer method to facilitate the QC/QA process and simplify the sharing of information between the project team and the City. Quality control extends beyond ensuring plans and reports are grammatically correct and previous comments have been incorporated. Our QC/QA process looks at engineering decisions to make sure they are based on sound judgement. It is also necessary, as part of the QC/QA process, to review in-depth the constructibility of the project. An inter-discipline review is also part of our QC/QA process.

**We have identified staff to act as quality reviewers for each structural discipline to ensure that each deliverable meets your expectations.**



Our proven **Quality Program** results in constructible deliverables



## APPROACH TO TYPES OF STRUCTURAL PROJECTS

### Approach to Bridge Replacements

Our team has extensive experience with bridge replacements and understands the complexities of these replacements in tight right-of-way constrained bridges. Kimley-Horn has performed many bridge replacements, from large interstate bridges to small single-point access bridges to residential neighborhoods. We have encountered and overcome some challenges listed below:

#### Maintaining vehicular access through construction

Our team develops phased construction and potentially utilizes temporary bridges to facilitate phasing.

We identify staging areas, crane placement, and potential 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 narrow right-of-way areas in your City.

#### Maintaining utility services though construction

We anticipate both underground and overhead utilities at the City's bridge locations.

Our team will investigate utility bypass or direction drilling options to look for ways to avoid conflicts with existing underground utilities in the vicinity of bridge piling.

We have worked with FPL on similar projects to maintain electrical service throughout construction.

#### Public involvement

Our public involvement specialists have used the following approaches to keep the impacted residents informed and engaged:

- » *Meet with City staff*
- » *Engage with City elected officials and keep them informed*
- » *Speak individually with adjacent homeowners to discuss the project*
- » *Hold public involvement meetings with impacted residents*
- » *Develop project websites with routing updates*
- » *Post social media updates*

#### Connecting into adjacent seawalls with minimal impacts

Early in the design, our team looks for ways to tie into the waterward side of 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 projects to ensure the bridge has prolonged service life.



## Approach to Bridge Rehabilitations

Repairing/rehabilitating an existing bridge means extending its service life, and we understand that the City wants the repairs to be cost-effective. Our team has assessed and developed bridge repair plans for over 50 municipal bridges within the last six years in South Florida.

Our team's approach to bridge rehabilitation projects starts with data collection. Our first step is reviewing FDOT Bridge Inspection Reports (BIR) and conducting a thorough field visit to assess the current condition of the bridge and verify any deficiencies identified in the BIR. While on site, we also take extensive field measurements that are tied to the existing bridge elements to define the various repairs and avoid the need for survey. This reduces the design cost and expedites our design 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 for both the short-term and long-term.

There are 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 individual repair types, and utilize 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 Pompano Beach, 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, boardwalks, fishing piers, 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. We have participated in commercial, public, and residential projects and understand the nuances of each type of construction, contractor, and location.



## 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 related to agency reviews and 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.

## Bid and Construction Related Services

As a project progresses to the bidding and construction phases, we understand our team's responsiveness is even more critical to its success. 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 Plan 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, tracking award announcements, administration, and finally, successful project implementation and grant award closeout. 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 Pompano Beach to uncover solutions that assist in funding these projects.

We understand the unique challenges that the City of Pompano Beach is up against, ranging from aging infrastructure and sea level rise to funding limitations for infrastructure projects. Our team is experienced in serving municipalities and understands our approach to any type of task work 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 Pompano Beach to efficiently assist the City with any structural task order under this contract.**





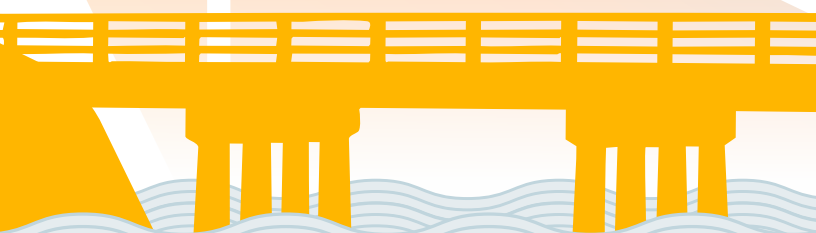
# REFERENCES



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COMMISSION CHAMBER



## 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.

### McNab Road Over Cypress Creek (C-14) Bridge Replacement and Terra Mar Drive over Spanish River Bridge Rehabilitation Projects

**Project Cost:** \$7 million

**Responsibilities:** Kimley-Horn is currently serving the City of Pompano Beach to provide design and consulting services 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.

**Contact Information:** *Fernand Thony, G.O. Bond and Innovation District Director*  
954-786-7923 | [fernand.thony@copbfl.com](mailto:fernand.thony@copbfl.com)

**Location:** *City of Pompano Beach*



## Lighthouse Point Bridge Repairs

**Project Cost:** \$1.8 million

**Responsibilities:** 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. The team conducted a detailed field inspection for each bridge and documented all observed deficiencies with corresponding pictures. They also took scour measurements and compared them to previous measurements from the FDOT Bridge Inspection reports to investigate scour and 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 team designed the repair plans 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, 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.

**Contact Information:** James Finley, Operations Manager

954-946-7386 | [jfinley@lighthousepoint.com](mailto:jfinley@lighthousepoint.com)

**Location:** City of Lighthouse Point



## Torry Island Swing Bridge Rehabilitation

**Project Cost:** \$130,260

**Responsibilities:** Under an on-call consulting services contract with Palm Beach County, Kimley-Horn was contracted to assess and develop rehabilitation plans for the Torry Island Swing bridge. The Torry Island Swing Bridge is manually operated center pivot swing bridge that was originally built in 1915. The bridge consists of nine concrete spans that approach the 150-foot center pivot span that is comprised on a steel truss. The scope of the repairs includes replacement of deteriorated rivets, strengthening of connections that have experienced corrosion, replacement of a deteriorated floor girder, cleaning and coating of all structural steel, cleaning and lubricating of the mechanical elements, and replacing damaged linkages. To help facilitate the repairs, the team conducted a lead-based paint survey and existing steel metallurgical testing. The scope of this project also included permitting the improvements with SFWMD. Our team is also scoped to assist the County in the bidding and construction phases of the project.

**Contact Information:** Carlos Bojorge, PE, Special Projects Section Manager

561-684-4150 | CBojorge@pbc.gov

**Location:** Palm Beach County



## Flavor Pict Road Over Florida's Turnpike

**Project Cost:** \$1.88 million

**Responsibilities:** The bridge component of this project is a critical element designed to span Florida's Turnpike. The bridge will be a six-lane structure, featuring curbs, gutters, bike lanes, and sidewalks to accommodate various modes of transportation. The design includes a four-span bridge structure, with considerations for the Turnpike's widening and canal relocation. Key features of the bridge design include bridge geometry and structural design, foundation and substructure, and superstructure. The project also involves coordination with multiple stakeholders, including Florida's Turnpike Enterprise, Lake Worth Drainage District, and other utility owners, to ensure the successful integration of the bridge into the existing infrastructure.

**Contact Information:** *Morton Rose, Roadway Production*  
Division Assistant Director

561-684-4150 | [MRose@pbcgov.gov](mailto:MRose@pbcgov.gov)

**Location:** Palm Beach County



## West Atlantic Avenue at Florida's Turnpike Intersection Improvements

**Project Cost:** \$431,120

**Responsibilities:** Kimley-Horn prepared an engineering study, final engineering plans, and post design services for the widening of Atlantic Avenue to add a third westbound through-lane and dedicated right-turn lane. For the structural component, Kimley-Horn reviewed the existing bridge conditions and bridge crossing requirements of the LWDD E-2-E Canal and the impacts of the existing utility crossing attachments to the bridge. Our team coordinated with LWDD, FDOT District Four Structural Office, and Florida's Turnpike Enterprise. Our team also led the design of the bridge widening

**Contact Information:** *Maroun Azzi, PE, Thoroughfare Roads*  
Section Manager

954-924-2980 | [MAzzi@pbc.gov](mailto:MAzzi@pbc.gov)

**Location:** Palm Beach County



## List of Projects Performed for the City of Pompano Beach

- » Airpark Traffic and Environmental Planning Services
- » City of Pompano Beach Dixie Highway Streetscape Program Reconnecting Communities Pilot Program Grant Preparation
- » City of Pompano Beach NE 33rd Streetscape Improvements
- » City of Pompano Beach SE 11th Avenue Bridge Conceptual Plans and Typical Cross Sections
- » City of Pompano Beach, Atlantic Boulevard Bascule Bridge Improvements including Decorative Sails and Lighting
- » Citywide Transportation Master Plan - Phase 1
- » Dixie and Copan Signal Improvements
- » Dixie Highway and Atlantic Boulevard Improvements
- » ETOC Undergrounding Study
- » McNab Road Over Cypress Creek (C-14) Bridge Replacement and Terra Mar Drive over Spanish River Bridge Rehabilitation Projects
- » McNab SA
- » Misc Traffic Engineering Services
- » PMP - Air Traffic Control Study - Phase 2
- » PMP - Security Improvements (Design)
- » Pompano Beach Airpark Continuing Services (including Runway 15/33 Rehabilitation)
- » Pompano Beach Continuing Contract for Transportation Engineering Services for Various City Projects
- » Pompano Beach Continuing Contracts for Airpark Engineering Services
- » Pompano Beach East Transit Oriented Corridor (ETOC) Transportation Analysis
- » Pompano Beach Fire Station #52 Building Fortification CDBG-MIT Grant Preparation
- » Pompano Beach McNab Road Improvements
- » Pompano Beach McNab Road Streetscape and Bright Improvements CDBG-MIT Grant Preparation
- » Pompano Beach RCP Grant - Dixie Hwy
- » SE 6th Bridge bidding
- » SE 6th Terrace Bridge Replacement (2023)
- » SR A1A Streetscapes Improvements Signalization
- » Storm Secure Communications Study
- » Terra Mar Assessment
- » TerraMar Bridge Repair Plans
- » Transportation Master Plan
- » WA #10 PMP New Airport Entrance CPS





# PROJECT TEAM FORM



Proposal for **Continuing Contract for Professional Structural Engineering Services - GCNA**  
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**COMPLETE THE PROJECT TEAM FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRITY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB FOR THE RLI IN THE EBID SYSTEM.**

**PROJECT TEAM**

RLI NUMBER 26-006

Federal I.D.# 56-0885615

**PRIME**

Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	Stefano Viola, PE	19	BSCE
Project Manager	Jamea Long, PE	29	BSCE
Asst. Project Manager	Carly-Cliff Derosier	5	BSCE
Other Key Member	Jerry Piccolo	13	MSCE, BSCE
Other Key Member	Casey Long	29	MSSE, BSCE

**SUB-CONSULTANT**

Role	Company Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Surveying	KEITH and Associates, Inc. 301 E Atlantic Boulevard, Pompano Beach, FL 33060	Bryan Merritt
Landscaping		
Engineering	H2R Corp. 5601 Powerline Road, Unit 401, Fort Lauderdale, FL 33309	Yves-Stanley Delmas, PE
Other Key Member		
Other Key Member		
Other Key Member		
Other Key Member		

(use attachments if necessary)



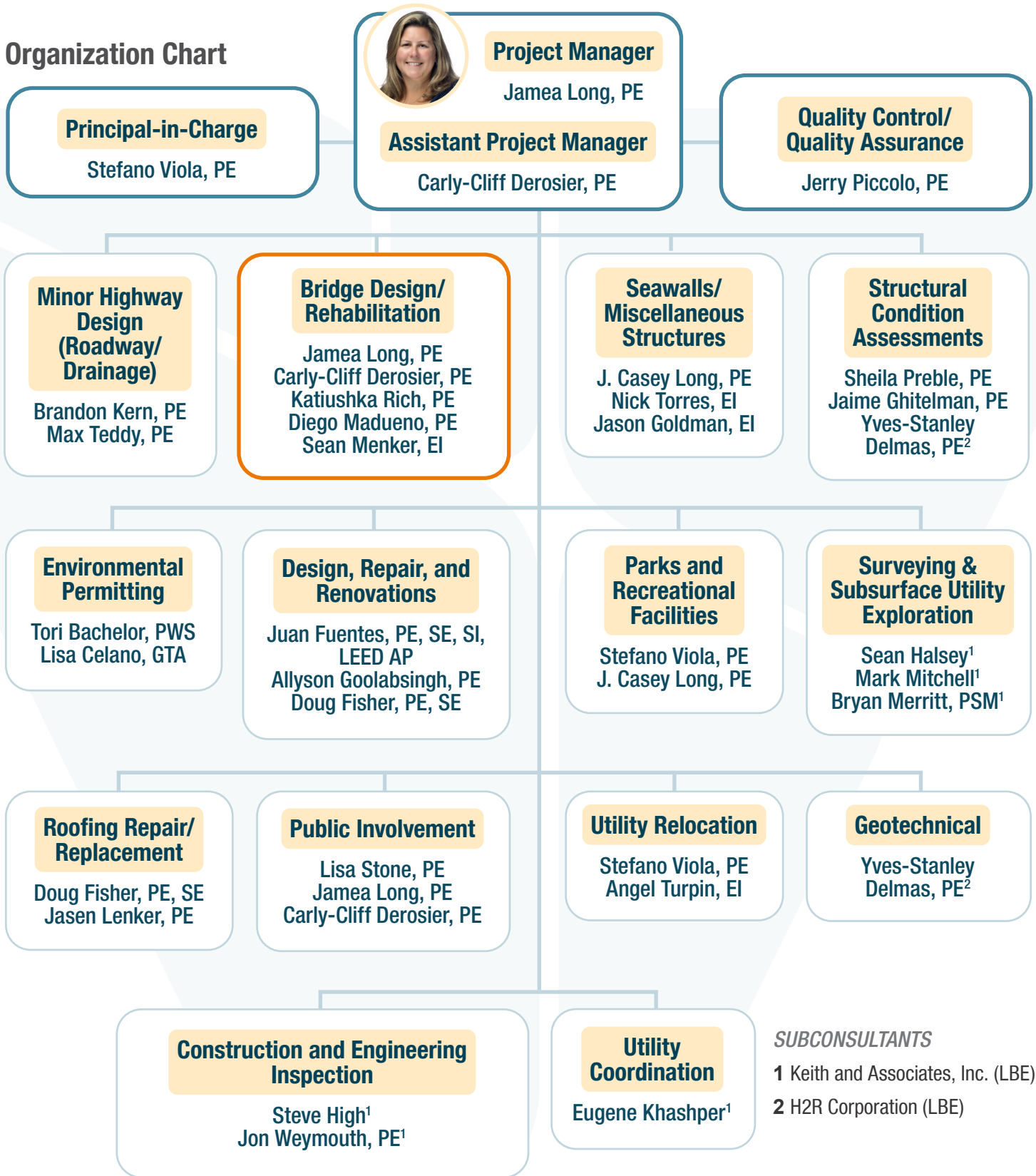
# ORGANIZATIONAL CHART



Proposal for **Continuing Contract for Professional Structural Engineering Services - GCNA**  
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Organization Chart



**SUBCONSULTANTS**  
 1 Keith and Associates, Inc. (LBE)  
 2 H2R Corporation (LBE)





# STATEMENT OF SKILLS AND EXPERIENCE OF PROJECT TEAM



Proposal for **Continuing Contract for Professional Structural Engineering Services - GCNA**  
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## STATEMENT OF SKILLS AND EXPERIENCE OF PROJECT TEAM

### Firm Overview

Kimley-Horn is a full-service, multidisciplinary consulting firm offering a broad range of engineering, planning, and environmental services to clients in both the public and private sectors. Kimley-Horn was founded in 1967 and has provided engineering design services for dozens of municipalities in Florida.

We selected the members of our project team based upon their experience with a variety of structural infrastructure projects of similar scale and complexity and their availability to assume major project responsibilities on this contract. Our team is not focused on short-term results. We are committed to continuing a long-term, successful relationship with the City founded on trust, respect, and teamwork. Kimley-Horn is an employee-owned firm structured to attract and retain design professionals who are highly skilled and dedicated to client service. This client-service mindset has been the hallmark of our growth over the last 58 years.

### Dedicated Resources For This Contract

Local structural design staff based in Broward, Palm Beach, and Miami-Dade counties will be responsible for the management and production of your project with support from local Pompano Beach- and Fort Lauderdale-based subconsultants. With over 500 professional and support staff in the tri-county area, plus almost 1,200 additional staff across Florida, Kimley-Horn has more than enough staffing resources and availability to meet the City's needs. The following section outlines our team's skill and experience on similar engineering disciplines and projects that may be required by the City of Pompano Beach's Continuing Contract for Structural Engineering Services.

### Subconsultants



#### H2R CORP

H2R Corp is a leading geotechnical engineering and construction materials testing firm with more than 53 years of experience across Florida. As an FDOT-certified SBE/DBE, we provide geotechnical engineering, subsurface exploration, foundation testing, CEI support, materials testing, and specialty construction services.

With five offices statewide and FDOT-accredited labs in Tampa Bay, Fort Myers, and Fort Lauderdale (also USACE-accredited), we deliver responsive, high-quality, and cost-effective services to public and private clients.



#### KEITH

*Engineering Inspired Design.*

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 Broward, Miami-Dade, Palm Beach, St Lucie, and Orange counties. Our team of over 200 professionals is working every day to deliver on our mission to create, expand upon, preserve, and enhance our communities. The KEITH Team has maintained multiple contracts directly with the City of Pompano Beach, serving both as a prime consultant and subconsultant for many years. These projects include the existing contracts for the Pompano Beach Water and Re-Use Treatment Projects, Professional Engineering Continuing Services, Professional Survey Continuing Services, Professional Landscape Architecture Continuing Services, and Pompano Beach Sustainability Projects Continuing Services. This extensive experience has enabled KEITH to develop a deep understanding of the City's unique needs and establish enduring, strong relationships with City Staff.

## Municipal Buildings

Structural engineering has been a specialty discipline at Kimley-Horn in Florida for more than 40 years. Kimley-Horn offers expertise in design, construction observation, and evaluation of a variety of buildings. Our experience has been enhanced with Allyson Goolabshingh, PE and Juan Fuentes, PE, SE, SI, LEED AP, who specialize in vertical structure design. Their experience includes multilevel structures exposed to seismic and wind loads. Their intimate knowledge of local, state, and national design codes provides efficient design solutions for concrete, steel, wood, and masonry structures.

Both Allyson and Juan have extensive experience in structural municipal building design. From fire stations to emergency operations centers, maintenance facilities, and police stations, our team understands the nuances of municipal building design.

Flexibility is key for a municipal building. The maintenance building may need to be repurposed as an office building ten years after its construction or vice versa. A municipal building benefits by being designed as an enhanced facility. A structure designed for higher wind speeds allows the building to safely harbor people and equipment in a storm event. The enhanced facility allows the City to be ready to help its citizens once the storm passes.



### *Clearwater Marina District Block A Medical Office Building Gensler | 2022-2024*

Kimley-Horn is providing mechanical, electrical, plumbing, and fire protection engineering services as well as commissioning services associated with a 129,600-square-foot, three-story office building with integral two-level parking garage, rooftop terrace, and solar. Tasks include schematic design, design development, and construction documents phases, as well as permitting and construction phase site visits and observation. Code required commissioning services will be provided. Roof top solar design and engineering services include electrical interconnection application support and process support, and PV array electrical drawings. Structural services include canopy framing and parking design.

### *Fort Pierce City Hall Parking Garage Restoration City of Fort Pierce | 2019-2020*

Kimley-Horn provided professional engineering consulting services for this parking garage that serves the Fort Pierce City Hall. The existing multi-level parking structure at the City Hall complex had condition issues that needed an engineer to assess and provide construction documents. Specifically, our services included site visits, a condition assessment, structural design, construction phase services, and estimates of probable cost.



## Bridge Engineering

Our experienced bridge design staff have already encountered—and surmounted—just about every challenge your project could throw at them. Difficult site conditions and geometry. Unusual geotechnical underpinnings. Simultaneous construction schedules. We can provide creative solutions that cost-effectively meet the demands of your site and schedule using precast, prestressed concrete; structural steel; curved steel; cast-in-place segmental construction; and cast-in-place posttensioned construction.

Hundreds of municipal bridges across the U.S. bear our imprint: canal, river and stream crossings, highway overpasses, railroad crossings, and pedestrian walkways. Our multidisciplinary expertise spans both roadway and bridge engineering—from planning and surveys through design and construction administration—successfully integrating the full range of each site’s demands. Our project goal is simple: make each bridge project an outstanding success.

### Bridge Inspection and Rehabilitation

FDOT District’s One, Two, Three, Four, Five, Six, and Seven 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 with 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 Approach Design

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 roadway 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. Construction phase services include cost estimating, pre-bid services, and construction administration/observation.

### Bridge Design and Construction Plans

After a hard day managing crews under a hot sun, the last thing you want to hear is that the contractor thinks there’s a design issue. We agree. That’s why we will provide quality construction plans that are designed to meet all local, county, and FDOT standards—the standards your contractors understand. We will apply our own detailed and specific quality control procedures to each bridge design effort to make sure the plans are as thorough as possible. And our key team members have inspected so many bridges across Florida that we know what can go wrong and design to avoid it. Clients say we’re so accurate that there aren’t many change orders, so thorough that there are few surprises in the field, and so clear that contractors don’t have trouble understanding what they need to do. If your bridge design poses special requirements, we will satisfy them, too—whether you want a traditional design to match a historic setting or a planter wall to provide a specialty landscape feature.



### *Bexley Road over Florida's Turnpike Sumter County | 2021-2025*



Kimley-Horn was selected to provide professional engineering services to expand the road network of Sumter County. Bexley Trail is part of the Sumter County community road network located in The Villages community. As part of this project, we designed a four-lane vehicular facility with a 15'-6" Connectivity path running parallel to the vehicular travel lanes. This pathway caters to pedestrians, cyclists, and golf carts. Our responsibilities encompassed a comprehensive range of tasks, spanning the entire design process, including securing permits from the Florida Turnpike Enterprise (FTE). Notably, the project necessitated the construction of two key bridges—one spanning Florida's Turnpike and the other crossing a Sabal Gas easement. These critical structures aim to foster connectivity between both sides of The Villages divided by the Turnpike, facilitating access to various shopping and activity centers in the region. The construction of the bridges involved the utilization of Florida-I Beam concrete beams supported by reinforced concrete substructures, further stabilized by Keystone walls. Additionally, our scope of work included geotechnical exploration, the preparation of structural design reports, drainage design, and all permitting coordination.

### *Charlotte County Design Bridge Replacement - Washington Loop Bridge Charlotte County | 2021-2025*



Kimley-Horn has been selected by Charlotte County to provide comprehensive design and permitting services for the replacement of the Washington Loop Road bridge over Prairie Creek, which has experienced overtopping during flood events. Our team will lead the development of a higher-elevation bridge utilizing a shallow slab-type superstructure to improve clearance while minimizing roadway profile changes. Kimley-Horn's responsibilities include roadway design to elevate and widen approaches, hydraulic analysis within a FEMA-regulated floodway, and bridge design in accordance with FDOT criteria. We will also support right-of-way acquisition, environmental permitting for wetlands and listed species, and utility coordination, ensuring minimal disruption to residents and preserving the functionality of the Prairie Creek kayak launch. Through proactive stakeholder engagement and technical expertise, Kimley-Horn will deliver a safe, resilient, and cost-effective solution for this critical infrastructure improvement.

### ***Apollo Beach Boulevard Extension/I-75 Flyover (Paseo Al Mar Blvd)***

***NNP-Southbend II, LLC | 2016-2022***

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.



### ***Lighthouse Point Bridge Design and Consulting Services for Two Bridge Replacements (Sample Rd. and NE 31st Ct.)***

***City of Lighthouse Point | 2022-2024***



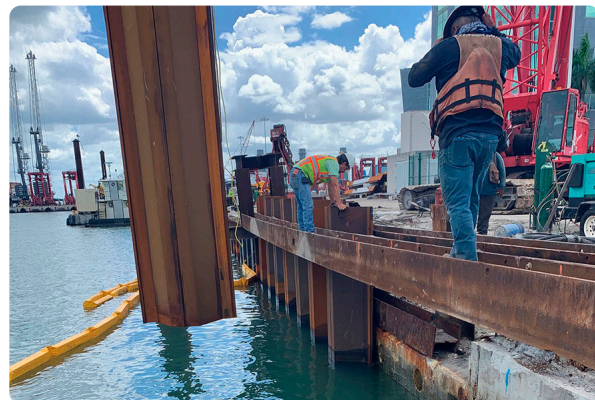
Kimley-Horn is responsible for managing all aspects of the bridge replacement projects, including site investigations, environmental and cultural assessments, permitting, and compliance with FDOT standards. The firm will prepare conceptual and detailed designs for bridges, roadways, utilities, and traffic control while handling cost estimates, bidding documents, and construction certification. Additional duties include coordinating agency approvals, addressing protected species requirements, and providing construction-phase support to deliver a fully compliant infrastructure solution.

## Seawall Repair, Reconstruction, and Replacement

Kimley-Horn offers expertise in seawall, breakwater, bulkhead, revetment, pier, and jetty design and permitting; marina planning, design, and permitting; beach nourishment and erosion control projects; dredging; hydraulic modeling; and general marine and coastal construction. Our bulkhead and seawall design and inspection include several projects in Palm Beach, including the repair of 900 feet of ocean seawall, toe wall construction and bulkhead improvements, refurbishing an existing ocean bulkhead, and constructing 770 feet of new ocean bulkhead. We also evaluated the structural condition and repair requirements of 3,600 feet of aged ocean seawall in Palm Beach and recommended some immediate repairs and long-range inspection procedures. The firm has also designed intracoastal and oceanside residential seawalls. We have provided coastal engineering services to the Breakers Hotel in Palm Beach on an as-needed basis for almost 40 years.

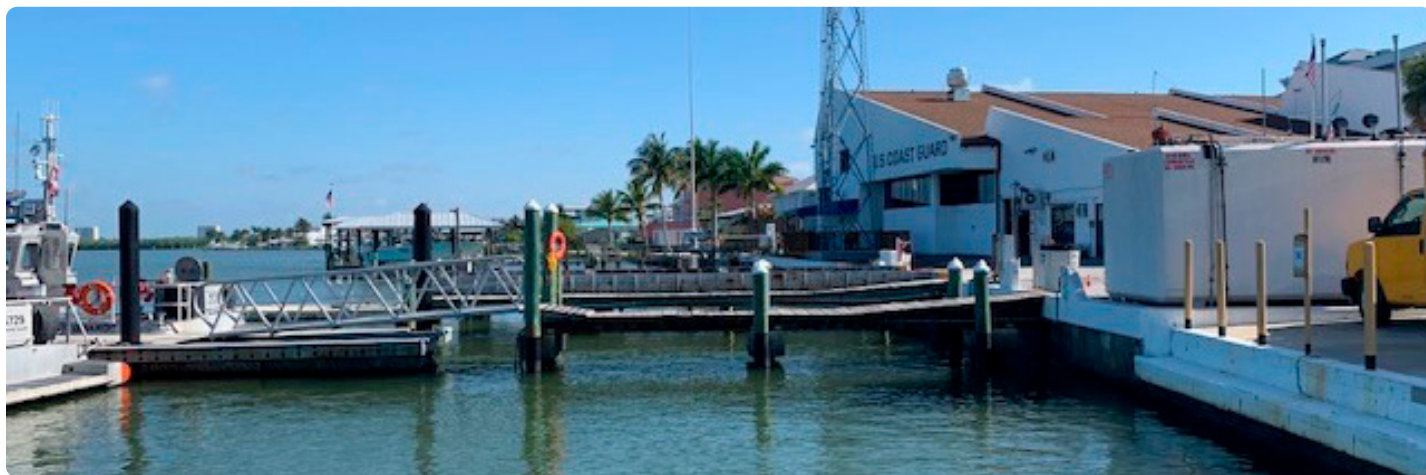
### *Port of Palm Beach Berth 1 Bulkhead Replacement* *Port of Palm Beach | 2018-2021*

Kimley-Horn was responsible for the analysis, design, and construction document development for upland paving with a bulkhead replacement to -35-foot dredge depth. Our 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 uses a steel sheet pile wall with a drilled soil anchor tie back system and a concrete cap. At 450 feet long, this replacement project is a major addition to solve the Port's berthing long-term needs. Kimley-Horn also serves as an on-call consultant for the Port, providing them with development services on a regular basis.



### *United States Coast Guard Fort Myers Station Rebuild* *U.S. Coast Guard | 2021-2025*

Kimley-Horn is providing professional civil and environmental engineering services to redevelop the waterfront facilities at the U.S. Coast Guard Station in Fort Myers. The project includes the revitalization of the multi-mission building, launch dock, boat ramp, and floating pier. Our services include preparing civil design and construction documentation for erosion and sediment control, grading and storm drainage, utilities, and landscaping. Additional services include performing a natural resources assessment and seagrass survey report, topographic and subsurface survey as well as collecting an environmental resource permit (ERP) from South Florida Water Management District. Kimley-Horn will acquire permitting with the U.S. Army Corps of Engineers Jacksonville District for waterfront work associated with the proposed project and develop a site- and project-specific environmental protection plan (EPP).



### ***Marina Dock Replacement and Seawall Repair***

***KW Property Management Company & Consulting | 2017-2021***

Kimley-Horn performed an above and below water condition assessment of the 623-LF concrete post and panel seawall on the east side of the 9 Island Avenue. Our team also performed a timber marina assessment following Hurricane Irma, which was severely damaged during the storm, rendering it inoperable and unsafe. Services provided included a visual and tactile level 2 seawall inspection in accordance with the guidelines of ASCE Practice No. 130; timber marina damage assessment; repair plans, specifications, and opinion of probable cost for repairs to the seawall; and total replacement of the timber marina. Permit assistance and construction phase services were also provided. They included meetings with the City of Miami and DERM, routine site visits to observe construction progress and review conformance with construction documents as well as produce field reports, review payment applications from the contractor, respond to RFI's and review change orders.



### **Parks and Recreational Facilities**

Our firm has successfully completed numerous parks and recreation-oriented projects for federal, state, regional, and local government clients and for many private developments as well. The landscape architecture engineers comprised of our parks team have relevant planning and engineering experience and are ideally suited to meet your needs. On recreation-related projects, we have provided complete site development engineering services, landscape architecture, surveying, and traffic engineering services.

### ***Lynn Haven Bayou Park and Preserve***

***Wood Partners | 2016-2021***



This proposed 91-acre waterfront park is being developed for the Lynn Haven community that will provide a variety of recreational amenities capitalizing on the natural vegetation and 5,200 feet of waterfront that the property encompasses. Dock access to bay and bayou will be provided for kayaks, paddleboards and fishing, with a motorized boat dock on the bay. Large gathering structures, an outdoor classroom, a two-story screened-in bay/bayou overlook, seven open-air picnic pavilions, a natural playground, beach areas along the bay, a fitness trail loop, disc golf course, a bayou boardwalk, and wildlife viewing areas will also be included. The project will also include an internal roadway system served by swales, significant wayfinding, multiple restrooms, natural paths, a maintenance building, and interpretive educational stations. The main goal of this project has been to provide amenities and infrastructure for this large recreational park while limiting impact to the environmentally sensitive area.

## *Innerarity Point Park*

### *Wood Partners | 2016-2020*

Innerarity Point Park will encompass a 3.38-acre site bordering the intercostal waterway near Perdido Key. This new park will enhance the public's access to the surrounding natural resources and increase recreational opportunities. The Project will include a new dock with canoe/kayak launch, an overlook deck with bench seating, a two-story treehouse overlooking sweeping views of the waterway, several small open-air picnic pavilions, playgrounds, picnic/gathering pavilions, restroom facility, pervious concrete within parking areas, and a boardwalk. ADA accessibility has been a key element considered in the design of this park. ADA accessible routes are provided from the public right-of-way through the parking area, throughout the park, and to the pier structure and canoe/kayak launch. Existing tree canopies on the site will be preserved wherever possible, slopes on site will be preserved, and an open lawn area in the center of the park will be created for use by festivals and other community activities.

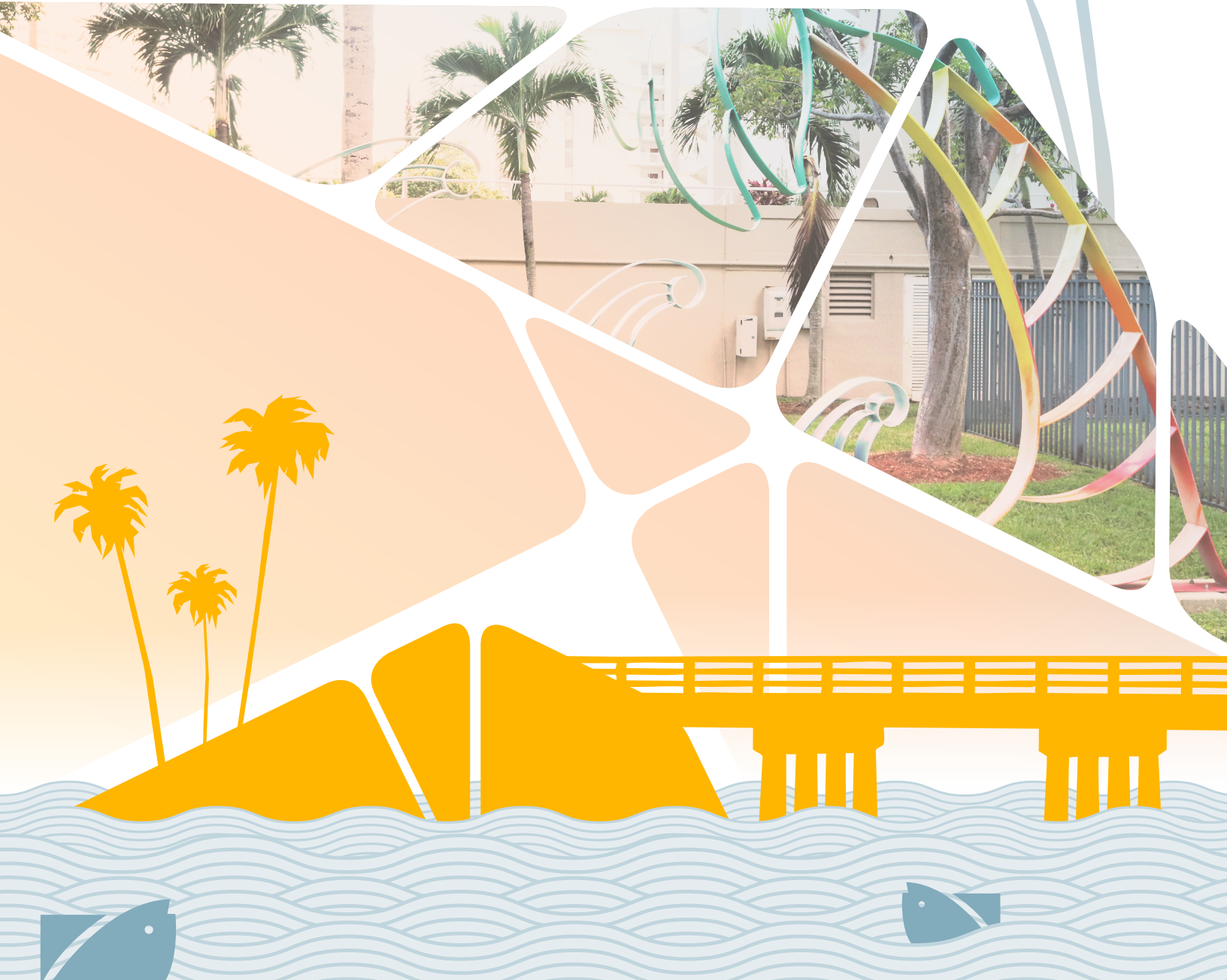




# RESUMES OF KEY PERSONNEL



Proposal for **Continuing Contract for Professional Structural Engineering Services - GCNA**  
TRFLPBG012284 | December 29, 2025



# Jamea Long, PE

Project Manager

**Kimley»Horn**

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## Biography

Jamea is Palm Beach Garden's Structural Team Leader with 29 years of design experience. She serves as project manager statewide for FDOT and major design efforts that involve structural design. Her 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.

## Relevant Experience

### **Gordy Road over Ten-Mile Creek Bridge Replacement, Ft. Pierce, FL** – *Project Engineer*

Kimley-Horn was selected to replace the Gordy Road Bridge over Ten-Mile Creek. The replacement bridge is a three-span structure, 120 feet long, consisting of precast/prestressed concrete Florida Slab Beams. The project replaced the existing structurally deficient bridge while maintaining traffic throughout construction via a temporary Acrow bridge. The new bridge includes Florida Slab Beams, a concrete composite deck overlay, pile bents, and abutments. Under an on-call services contract for St. Lucie County, Kimley-Horn performed an on-site visual inspection of bridge members above the waterline and prepared design and contract documents for rehabilitating the existing single-lane timber bridge. Damaged timber running boards were replaced with steel plates. The replacement bridge consists of a concrete slab unit superstructure with a cast-in-place topping supported by reinforced concrete bent caps and precast piles. The existing Gordy Road Bridge was the only point of access for residents south of the bridge. To maintain access, Kimley-Horn designed shallow support foundations for a temporary Acrow bridge. Riprap was placed along the banks of Ten-Mile Creek, extending beyond the bridge limits, to protect abutments from erosion. Additional services included preparation of drawings and specifications, permitting with the North St. Lucie River Water Control District and the U.S. Army Corps of Engineers, and ongoing construction support.

### **Bexley Connect Bridge Over Florida's Turnpike, The Villages, 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. A second span was designed over an existing FGT high-pressure gas pipeline and included a decorative pedestrian enclosure accommodating pedestrians, bicycles, and golf carts.

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

Kimley-Horn is currently serving the City of Pompano Beach to provide design and consulting services for two separate bridge projects as part of the City's G.O. Bond program. The McNab Road project includes full replacement of the existing bridge and relocation of utilities. The proposed bridge will incorporate aesthetic features appropriate to the surrounding area. Kimley-Horn is leading permitting efforts, including coordination with USCG, SFWMD, and Broward County.



80%

## Education

- Bachelor of Science, Civil Engineering, University of Florida, 1997

## Certifications

- Professional Engineer in FL, #58677



## Jamea Long, PE Continued



### **Villages Center District Connectivity Decorative Bridges, Waterlily, Chitty Chatty, and Brownwood, The Villages, FL – Project Engineer**

Kimley-Horn was selected by The Village Center Community Development District to oversee design and permitting for three iconic decorative bridges in Sumter County. As The Villages community expanded, safe crossings for golf carts and pedestrians were needed over State Road 44 (two locations) and Florida's Turnpike (one location). Leveraging extensive experience in multi-modal transportation design and structural engineering, Kimley-Horn led a team of designers, architects, engineers, and contractors to deliver these projects. Each bridge was designed as a single-span structure to minimize highway conflicts and ease maintenance of traffic during construction. The bridges feature decorative, themed elements and Local ID markers, requiring extensive permitting through FDOT and Florida's Turnpike under the Community Aesthetic Feature (CAF) program. Each bridge required final approval by the FDOT District Secretary and Turnpike Director. Kimley-Horn provided full design services for the bridge substructure and approach ramps, handled all regulatory permitting, and supported construction, including detailed maintenance of traffic plans and coordination for overnight closures of Florida's Turnpike to set the bridges in place using hydraulic jacks. Today, these bridges provide safe crossings and enhance the aesthetics of major highway corridors.

### **Districtwide Minor Projects Design Consultant, FDOT District Four – Project Engineer**

Kimley-Horn provides a variety of services ranging from design and construction plan preparation to staff support at FDOT offices as needed. Projects vary from state- to federally-funded and include intersection improvements; signal operational improvements; safety enhancements; Resurfacing, Restoration, and Rehabilitation (RRR); project scoping; cost estimation; environmental, structural, and utility services. Additional services include IT, architecture, concept reports, 3D modeling, and RFP development for design-build projects.

### **Lowson Boulevard Pedestrian Bridges over LWDD E-4 Canal, Delray Beach, FL – Project Engineer**

Kimley-Horn was retained by the City of Delray Beach to prepare construction plans for two pedestrian bridges over the Lake Worth Drainage District's (LWDD) E-4 Canal as part of a bicycle

lane addition along Lowson Boulevard. The project also included preparation of a Type 1 Categorical Exclusion environmental document and permitting coordination with LWDD and the U.S. Army Corps of Engineers.

### **FDOT District One SR 70 Design Services, Tamarac, FL – Project Engineer**

Kimley-Horn worked for FDOT District One to implement the design phase for a 3.6-mile segment of SR 70 between the City of Okeechobee and St. Lucie County. The project widened and reconstructed the existing two-lane rural roadway to a four-lane divided suburban/rural roadway. Services included permitting for seven stormwater management facilities, design of bridges over two water crossings, maintenance of traffic plans, and public involvement.

### **I-75 Managed Lane Project (Segments A & B) Design-Build, FDOT District Four, Fort Lauderdale, FL – Project Manager**

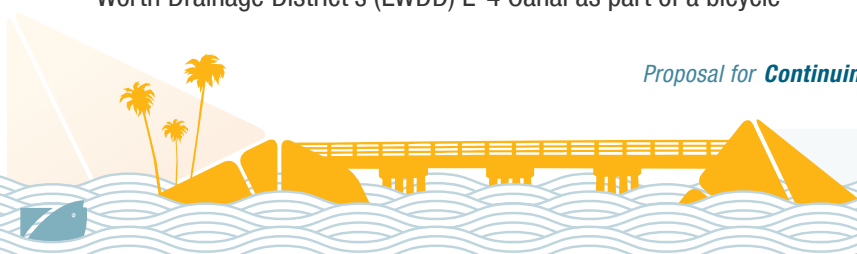
Kimley-Horn provided structural plans for two steel box girder bridges, four precast/prestressed concrete beam bridges, retaining walls, toll gantries, and overhead sign structures. Additional services included signing and pavement marking plans, ITS plans, and post-design/construction phase support.

### **Sumter County Engineering Design Services for C-475 SCOP Project, Sumter County, FL – Project Engineer**

Kimley-Horn provided structural engineering services for roadway widening and improvements along C-475, from approximately 600 feet north of Walker Avenue in Bushnell to the ramp improvement project at C-470. Services included milling and resurfacing, potable water main extension design, surveying, geotechnical investigations, environmental assessments, roadway design, hydrologic/hydraulic analysis, structural design for the Jumper Creek bridge crossing, permitting, and bid document preparation.

### **I-4 Widening from South of Kirkman Road to South of Orange Blossom Trail, FDOT District Five, Orlando, FL – Structural Engineer**

Kimley-Horn prepared the bridge development report for Ramp A and southbound Kirkman Road bridges. The project includes reconstruction of approximately 5.3 miles of the existing six-lane expressway to six general-use lanes and two special-use lanes.



# Stefano Viola, PE

Principal-In-Charge

**Kimley»Horn**

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## Biography

Stefano has 19 years of diverse civil engineering experience, including roadway restoration and resurfacing, drainage modeling, water/wastewater utility design, stormwater master planning, preparation of engineering drawings, permitting, and site/plan preparation and review. He also has experience serving a diverse group of clients, including counties, municipalities, government agencies, and private developers. He has direct working knowledge of AutoCAD, WaterCAD, StormCAD, and Cascade software programs and design analysis software. In 2024, Stefano spearheaded the firm's strategy and approach to the State of Florida's new stormwater rules under Senate Bill 7040: Ratification of the Department of Environmental Protection's Rules Relating to Stormwater. This included a two-part series titled: *Stormwater Shake-up: Understanding Changes to Florida's Environmental Resource Permit Process*, which was featured online for our clients to utilize.

## Relevant Experience

### NE 33rd Street Streetscape Improvements, Pompano Beach, FL – Project Manager

Kimley-Horn provided professional consulting services to the City of Pompano Beach for the NE 33rd Street Streetscape Improvements project. The firm delivered a comprehensive scope of work, including topographic surveying, geotechnical investigations, civil and landscape architectural design, electrical engineering, and limited construction-phase services. The project spanned approximately one mile from Dixie Highway to Federal Highway and aimed to enhance the streetscape with improvements such as roadway lighting, irrigation, landscaping, traffic-calming features, brick paver enhancements, curbing, drainage modifications, shared-use paths, pavement resurfacing, and street furniture.

### McNab Road Streetscape Improvements, Pompano Beach, FL – Project Manager

This streetscape improvement project was part of the City's GO Bond program and included one mile of McNab Road from S. Cypress Creek Road to US 1. The project features new 10-foot-wide sidewalks, drainage improvements, and roadway enhancements, including realignment to accommodate the removal and replacement of the Cypress Creek Canal bridge. Additional elements include native landscaping, lighting, pervious pavers, bus shelters, and associated amenities to improve the pedestrian experience. Kimley-Horn designed critical drainage improvements to modify existing infrastructure while maintaining driveway connectivity. Drainage permitting was completed through the Broward County Environmental Protection Department. The team will also provide limited construction-phase services.

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

Kimley-Horn is providing design and consulting services for two separate bridge projects within the City as part of the current GO Bond program. The McNab Road project includes full replacement of the existing bridge and relocation of utilities. The proposed bridge will incorporate aesthetic features appropriate to the surrounding area. Kimley-Horn is leading permitting efforts for this project, including coordination with USCG, SFWMD, and Broward County.

### South Florida Rail Corridor Grade Crossing Infrastructure Improvements, Pompano Beach, FL – Project Manager

Kimley-Horn is managing upgrades to grade crossings along the 72-mile corridor used by Tri-Rail, Amtrak, and CSX. The project focuses on improving safety and meeting FDOT and AREMA standards, with enhancements completed at 50 crossings. Services include site evaluations, surveys, signal and railway design, traffic control, and cost estimating.



55%

## Education

- Bachelor of Science, Civil Engineering, Florida International University, 2007

## Certifications

- Professional Engineer in FL, #74655



## Stefano Viola, PE Continued



### **C-14 Stormwater Pump Station, North Lauderdale, FL – Project Manager**

Kimley-Horn led design, permitting, and construction services for a new pump station to improve stormwater management and protect the local environment. The facility features modern mechanical and electrical systems, submersible pumps, a motor control center, emergency generator, and telemetry, discharging into the C-14 Canal on the Stranahan River.

### **Brickell Key One Structural Assessment and Repair, Miami, FL – Project Engineer**

This project included assessment of structural elements such as the exterior façade, roof, parking garage, and interior structures. Kimley-Horn provided structural design, construction drawings, product specifications, and construction-phase services. Following a prior property condition assessment of exterior façade and concrete elements, Kimley-Horn developed repair plans and specifications for deteriorating building components. Brickell Key One is a 20-story oceanfront condominium built in the 1970s.

### **City of Sunrise, Welleby Park Expansion, Sunrise, FL – Project Engineer**

The City of Sunrise retained Kimley-Horn for improvements to Welleby Park located at NW 44th Street and Hiatus Road within the City of Sunrise. Kimley-Horn will provide conceptual design for two options for the park redevelopment to be presented at a public presentation meeting. Our team will refine the concept design and prepare design plans, including paving and drainage plans, utility plans, and signing and marking plans.

### **Ansin Sports Complex Phase III, Miramar, Florida – Project Manager**

After the initial master plan development for this 25-acre, \$12 million sports complex in the heart of Miramar, Kimley-Horn worked with the City for its Phase III improvements. The main enhancements to this state-of-the-art facility included pedestrian path lighting and main field drainage improvements to accommodate official field size of the adult soccer league. Kimley-Horn developed the conceptual design based off of a kickoff meeting with the City and provided a site plan for path lighting and drainage design. Additional services our team provided included site electrical plans, irrigation design, permitting, and limited bidding and construction phase services.

### **Civic Center Park Expansion, Miramar, FL – Project Manager**

Project manager for Civic Center Park previously known as the Police Benevolent Association Park a 1-acre parcel that was given to the City as part of a Broward County Land Stewardship Program “Park for People” grant to redevelop the site while implementing “green construction” as a neighborhood park. The site is located adjacent to the City Aquatic Park West in Miramar, Florida. As part of the grant program, it required that the redesign includes green components such as recyclable material, environmentally beneficial landscape practices utilizing native plants, environmentally sound and water saving fixtures, irrigation technologies, and interpretation/public education signage. The park improvements included a walking path with exercise stations, a pavilion, playground with tables, landscaping, irrigation, solar powered bollard lighting, a lighted parking lot, and surface parking improvements.

### **City of Pompano Beach NE 33rd Streetscape Improvements, Pompano Beach, Florida – Project Engineer**

Kimley-Horn provided professional consulting services to the City of Pompano Beach for the NE 33rd Street Streetscape Improvements Project. The firm was responsible for a comprehensive scope of work that included topographical surveying, geotechnical investigations, civil, and landscape architectural design, electrical engineering, and limited construction phase services. The project, which spanned approximately one mile from Dixie Highway to Federal Highway, aimed to enhance the streetscape with improvements such as roadway lighting, irrigation, landscaping, traffic calming features, brick paver enhancements, curbing, drainage modifications, shared-use paths, pavement resurfacing, and street furniture. Kimley-Horn coordinated with subconsultants for surveying and geotechnical services and led the design process through multiple phases, including schematic planning, 30% and 60% design development, and final construction documents. Our firm also managed permitting with relevant agencies, conducted public workshops and commission presentations, and supported the City during construction with site visits, shop drawing reviews, and project closeout services. Our work culminated in a detailed and community-informed design that aligned with the City’s goals under its G.O. Bond program.



# Carly-Cliff Derosier, PE

## Assistant Project Manager

**Kimley»Horn**

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### Biography

Carly-Cliff has four years of structural design experience on various projects within the firm. He has experience with the design, rehabilitation, and analysis of transportation structures such as bridges and culverts. His experience also includes work on miscellaneous structures including retaining walls, boardwalks, aerial pipe bridges, parking structures, and water control structures. Carly-Cliff has provided project management for construction and bid phase services. His responsibilities include performing calculations, plan preparation, reviewing shop drawings, and observing project construction.

### Relevant Experience

#### **Gordy Road over Ten-Mile Creek Bridge Replacement, Ft. Pierce, FL** – *Project Analyst*

Kimley-Horn was retained by St. Lucie County to perform an on-site visual inspection of bridge members above the waterline and to prepare design and contract documents for the rehabilitation of this single-lane timber bridge. The damaged timber running boards were replaced with steel plates. Recently, the County requested Kimley-Horn to design the Gordy Road Bridge Replacement. The new bridge consists of a concrete slab unit superstructure with a cast-in-place topping supported by reinforced concrete bent caps and precast piles. The existing Gordy Road bridge is the only point of access for residents on the south side of the bridge. To maintain access,

a temporary Acrow bridge was proposed, and Kimley-Horn designed the shallow support foundations. The banks of Ten Mile Creek will be lined with riprap, extending beyond the bridge limits, to protect the abutments from erosion. Additional services include preparation of drawings and specifications, permitting with the North St. Lucie River Water Control District (NSLRWCD) and the Army Corps of Engineers, and ongoing construction support.

#### **City of Vero Beach, Veteran's Memorial Island Bridge Repairs and Replacement, Vero Beach, FL** – *Project Engineer*

As part of the City of Vero Beach continuing services contract, Kimley-Horn is providing design services for structural and non-structural repairs to rehabilitate the Veteran's Memorial bridge. Kimley-Horn reviewed FDOT Bridge Inspection reports and performed a thorough field review to develop repair plans. Based on site findings and discussions with the City, it was determined that the bridge required minimal structural repairs and should be programmed for replacement soon. Due to severe corrosion, Kimley-Horn performed a load rating analysis to determine the corroded structure's capacity and recommended a posted load weight limit.

#### **Seven Bridge Rehabilitation, Okeechobee, FL** – *Project Engineer*

Kimley-Horn developed rehabilitation plans to address deficiencies identified in the FDOT Bridge Inspection Report, FDOT Scour Plan of Action, and the consultant's field review. Plans were prepared as individual sets for each bridge to allow the County flexibility in phasing construction. Environmental permitting was prepared for all work within waterways. Several bridges crossed South Florida Water Management District (SFWMD) canals/sloughs and required right-of-way permitting. Kimley-Horn also assisted the County during bidding by reviewing bid documents, attending the pre-bid meeting, responding to structural questions, and reviewing contractor bids.

#### **Bexley Connect Bridge Over Florida's Turnpike, The Villages, 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. A second span was designed over an existing FGT high-pressure gas pipeline and included a decorative pedestrian enclosure accommodating pedestrians, bicycles, and golf carts.



80%

### Education

- Bachelor of Science, Civil Engineering, Pennsylvania State University, 2020

### Certifications

- Professional Engineer in FL, #99738



## Carly-Cliff Derosier, PE Continued

### **Broward County Public Schools Athletic Field Conversions, Deerfield Beach, FL – Project Engineer**

South Broward High School and Deerfield Beach High School are replacing natural grass fields with synthetic turf. Kimley-Horn's services included due diligence, site engineering (including water quality calculations and drainage design), permitting through Broward County and SFWMD, and construction-phase services.

### **Nature Preserve Boardwalk Replacement, Town of Lantana, FL – Project Manager and Engineer of Record**

Under a continuing services contract with the Town of Lantana, Kimley-Horn developed plans and specifications to replace approximately 130 linear feet of deteriorated timber boardwalk. Services included site investigation and design of a replacement boardwalk incorporating ADA improvements, corrosion-resistant materials, and a slip-resistant deck surface.

### **Riverwalk Boardwalk Rehabilitation, Port St. Lucie, FL – Project Engineer**

As part of a continuing services contract, Kimley-Horn assessed approximately 600 linear feet of boardwalk damaged during Hurricane Nicole in 2023. The damaged section was constructed at a lower elevation than adjacent sections. Kimley-Horn prepared a condition assessment report and developed cost estimates for two alternatives:

1. Rehabilitate the boardwalk at its current elevation
2. Reconstruct the boardwalk at a higher elevation matching adjacent sections

The City selected the elevation alternative, and Kimley-Horn developed construction plans and secured permits from the U.S. Army Corps of Engineers and the Florida Department of Environmental Protection. Kimley-Horn is currently providing construction-phase support.

### **City Hall Parking Garage Services, Fort Pierce, FL – Project Engineer**

Kimley-Horn provides structural engineering services for a parking garage in Downtown Fort Pierce. Repairs completed in 2020 have begun to delaminate, and new concrete spalling has occurred. The City requested an assessment to map new deficiencies and update previous repair plans. Services include development of repair documents, site visits, bid-phase assistance, and limited construction-phase services.

### **Jaycee Park Pavilion Roofs, Vero Beach, FL – Project Manager**

As part of a continuing services contract, Kimley-Horn provided structural engineering services for two pavilions near the beach in Jaycee Park. The timber columns and wood rafter system supporting asphalt shingle roofs show signs of deterioration, including wood rot near column-to-roof connections. Kimley-Horn is developing plans to replace the roofs.

### **Bay and River Drive Bridge Repairs, Vero Beach, FL – Project Analyst**

Kimley-Horn prepared rehabilitation plans for the Bay Drive and River Drive bridges, addressing deficiencies identified in FDOT Bridge Inspection Reports and field reviews. Repairs included concrete restoration, crack repair, asphalt crack repair, expansion joint repairs, and Class 5 coating.

### **Delray Beach Raw Water Transmission Main Replacement and Golf Course Renovation Design Services, Delray Beach, FL – Project Analyst**

As part of the City's golf course renovation, Kimley-Horn partnered with a local golf course designer to replace the existing raw water main. The project includes replacing two surficial wells, all raw water mains (including two aerial canal crossings), minimal improvements to the reclaimed system, and provisions for a second irrigation water source.

### **SFWMD Design-Build for Okeechobee Field Station, Okeechobee, FL – Project Engineer**

Kimley-Horn is providing design-build engineering services as a subconsultant to PCL for the Okeechobee Field Station and Service Center Relocation project. This 30-acre site includes civil, structural, and construction services for five facility buildings, including the SFWMD Field Station and Service Center, Backup Emergency Operations and Control Centers, parking, a microwave tower, communications shelter, helipad, and ancillary systems. Additional facilities include offices for Water Quality staff, a chemical laboratory and storage building, Land Stewardship offices and equipment shelters, and the Florida Fish and Wildlife Conservation Commission's Nuisance Alligator SNAP program. Construction began in early 2022, and Kimley-Horn continues to provide construction administration services.

# Jerry Piccolo, PE

Quality Control Manager

**Kimley»Horn**

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## Biography

Jerry has more than 13 years of experience working on bridge rehabilitation, replacement, design, and evaluation projects. He has served as Engineer-of-Record on the rehabilitation of 35 municipal bridges. Other services he has provided include milling and resurfacing, signage, guardrail, and civil related designs as part of bridge rehabilitation projects. He 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

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

Responsibilities included preparing permit application packages for a U.S. Coast Guard bridge permit and a State of Florida Environmental Resource permit for the McNab Road bridge replacement. Additional tasks included conducting a benthic resources survey. Kimley-Horn is providing design and consulting services for two separate bridge projects within the City of Pompano Beach as part of the current G.O. Bond program. The McNab Road project involves full replacement of the existing bridge and relocation of utilities. The proposed bridge will incorporate aesthetic features appropriate to the surrounding area. Kimley-Horn is leading permitting efforts, including coordination with USCG, SFWMD, and Broward County. Improvements at Terra Mar Drive include repairs to the existing bridge and seawalls to address deterioration, upsizing the existing water main, and incorporating aesthetic enhancements. Our team is providing structural, architectural, roadway, permitting, utility adjustment, and geotechnical services for both projects.

### **Atlantic Boulevard Bascule Bridge Improvements, City of Pompano Beach, FL – Project Engineer**

Kimley-Horn partnered with CSA Architects and Burkhardt Construction to deliver safety and aesthetic enhancements to the 400-foot bascule bridge over the Intracoastal Waterway. Improvements included replacement traffic railing for improved safety and aesthetics, under-bridge walkway for pedestrian access, decorative sails and computerized uplighting, artwork on bridge façades and land-based lighting, and pedestrian esplanade connecting restaurants and buildings. The design-build team managed complete design, permitting, and coordination with FDOT. Kimley-Horn obtained all permits through coordination with FDOT, USACE, USCG, FDEP, the City, and SFWMD. This project created a signature gateway within the City's Beach District.

### **Gordy Road over Ten-Mile Creek Bridge Replacement, Ft. Pierce, FL – Engineer-of-Record**

Kimley-Horn was selected to replace the Gordy Road Bridge over Ten-Mile Creek. The new three-span bridge is 120 feet long and consists of precast/prestressed Florida Slab Beams. The project replaced a structurally deficient bridge while maintaining traffic via a temporary Acrow bridge. Key features include concrete composite deck overlay, pile bents and abutments, and riprap-lined creek banks for erosion protection. Kimley-Horn also performed on-site inspections, prepared design and contract documents, and coordinated permitting with the North St. Lucie River Water Control District and the Army Corps of Engineers.



50%

## Education

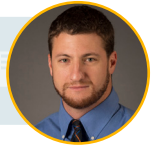
- **Master of Science, Civil Engineering, University of Florida, 2012**
- **Bachelor of Science, Civil Engineering, University of Florida, 2011**

## Certifications

- **Professional Engineer in FL, #80484**



## Jerry Piccolo, PE Continued



### **Veteran's Memorial Island Bridge Repairs and Replacement, City of Vero Beach, FL – Designer**

Under the City's continuing services contract, Kimley-Horn provided design services for structural and non-structural repairs to rehabilitate the Veteran's Memorial Bridge. After reviewing FDOT inspection reports and conducting a field review, Kimley-Horn determined minimal structural repairs were needed and recommended programming for future replacement. A load rating analysis was performed to assess capacity and establish a posted load limit.

### **Seven Bridge Rehabilitation, Okeechobee, FL – Project Manager**

Kimley-Horn developed rehabilitation plans for seven bridges based on FDOT inspection reports and scour plans. Individual plan sets were prepared for each bridge to allow phased construction. Services included environmental permitting for in-water work; right-of-way permitting for SFWMD canals; and bid phase support, including document review, pre-bid meetings, and contractor bid evaluations

### **Bexley Connect Bridge over Florida's Turnpike, The Villages, FL – Project Engineer**

Kimley-Horn provided design and permitting for a four-lane divided roadway bridge over Florida's Turnpike in Sumter County. The project included full civil and structural design; coordination with The Villages, Sumter County, and Florida's Turnpike; a second span over an FGT high-pressure gas pipeline; and decorative pedestrian enclosure for vehicles, bicycles, and golf carts.

### **Washington Loop Bridge Replacement, Charlotte County, FL – Project Manager**

Kimley-Horn is delivering comprehensive design and permitting for the replacement of the Washington Loop Road bridge over Prairie Creek, which experiences overtopping during flood events. The new design features higher-elevation bridge with shallow slab-type superstructure, elevated and widened roadway approaches, hydraulic analysis within a FEMA-regulated floodway, environmental permitting for wetlands and listed species, and utility coordination and right-of-way acquisition.

### **Florida's Turnpike Widening, Glades Road to Atlantic Avenue, Palm Beach County, FL – Project Engineer**

As part of the All-Electronic Tolling project, Kimley-Horn replaced the Glades Road Ramp bridge to accommodate two lanes of offramp traffic over a Lake Worth Drainage District canal. The new three-span cast-in-place concrete slab bridge was constructed in phases to maintain traffic.

Kimley-Horn is also providing design services for widening the Turnpike mainline from six to ten lanes, including express lanes. Additional scope includes stabilizing canal banks; replacing and widening multiple bridges; designing noise barriers, roadway lighting, signing, and pavement markings; and utility coordination.

### **Stirling Road Mixed-Use Development, Bridge over SFWMD C-10 Canal, Hollywood, FL – Structural Engineer of Record**

Kimley-Horn was retained to design a bridge connecting two parcels separated by the SFWMD C-10 Canal. The bridge accommodates vehicular and pedestrian traffic. Services included civil site development, permitting and coordination with SFWMD and USCG, construction phase services and weekly inspections per permit conditions.



# J. Casey Long, PE

Structural and Civil Engineer – General Port Consultant,  
Waterfront Development

**Kimley»Horn**

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## Biography

Casey Long has 29 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. He has designed or consulted on additional projects such as complete building systems (such as warehouses, office buildings, public safety facilities, and cruise terminals), warehouse crane rails, retaining walls, dredging projects, and port planning. He has also been responsible for the structural engineering of storm water, water, and waste water facilities including water control structures, lift station, head works, and above and below ground storage tanks. He has 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 a -35-foot dredge depth. Responsibilities also included developing 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 feet long, this replacement project is a major addition to address the Port's long-term berthing 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. Design and construction tasks included steel sheet pile installation, tie rod installation between the existing wall and new wall, concrete cap placement, backfill, and site grading. The project also included constructing a new landing dock for rescue vessels adjacent to the seawall. Services provided included design, planning, bidding, permitting, and construction-phase services for this \$4-million project.

### City of Cape Coral, 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. Additional services included marina planning, general marina design, utility coordination and support, permit coordination, dredging design, and general consulting.



60%

## Education

- Bachelor of Science, Civil Engineering, University of Florida, 1995
- Master of Engineering, Structural Engineering, University of Florida, 1996

## Certifications

- Professional Engineer in FL, #56083
- Professional Engineer in VA, #048784
- Professional Engineer in UT, #13378404-2202
- Professional Engineer in the U.S. VI, #802PE
- Professional Engineer in TX, NCEES Certification, #23162



## J. Casey Long, PE Continued



### **US Coast Guard, Coast Guard Station, Fort Myers, FL** – *Marine Structural Engineer*

Responsible for the structural engineering of a pile-supported boat ramp for 25–30 Coast Guard vessels, including precast elements for ease of construction, retaining walls, and transition ramps for this design-build project that refurbishes the Fort Myers station.

### **Morgan Group, Vista Clara Apartments, Deerfield Beach, FL** – *Marine Structural Engineer and Project Manager*

Responsible for the layout and design of the riverbank seawall replacement and slope modification project for a future apartment complex and residential facility. The project consists of 600 feet of riverbank improvements, including a pile-supported wood dock/boardwalk, a full-length floating dock for boats, and a new bulkhead. Additional services included permit coordination, consulting, and coordination with upland building and site civil engineers.

### **Utah Division of Facilities Construction and Management (DFCM), Bear Lake Marina Expansion, Garden City, UT** – *Marina Designer and Engineer*

This construction management project was funded through the state legislature and includes construction of new breakwater dikes for marina protection, a new seven-lane boat ramp, mechanical dredging of the marina to operate at lower water levels, and installation of approximately 350 long- and short-term boat slips and docks. The project also includes upland improvements such as beach nourishment, parking lots, invasive species decontamination, restrooms, administration buildings, and picnic areas. Designed to operate in highly variable water conditions, the project included specifications for construction in variable climate conditions to avoid impacts during peak user periods. Services included marina layout design, boat ramp engineering, structural engineering for marine components, and general marina consultation.

### **Town of Palm Beach, Annie's Dock, Palm Beach, FL** – *Marine Structural Engineer*

Served as a senior consultant on the marine aspects of the repair and restoration of Annie's Dock on the North End of Palm Beach Island. Repairs included removing damaged concrete caps, elevating existing structures, and refurbishing metal walkways damaged during Hurricane Irma.

### **North Bay Village, Baywalk Plaza Area Design, North Bay Village, FL** – *Structural Engineer*

Responsible for the design of 10-foot-tall retaining walls and landscape features in this waterfront park. As prime consultant, Kimley-Horn provided landscape architecture, civil engineering design, and permitting from concept through construction documents for this 1-acre waterfront park and plaza on either side of the eastern JFK Causeway Bridge at Biscayne Bay.

### **City of St. Augustine, Avenida Menendez Seawall Flood Barrier Phase 1, St. Augustine, FL** – *Project Consultant / Structural Engineer*

Provided senior consulting and review for this seawall replacement project. Kimley-Horn completed planning, permitting, design, bid document development, and bidding services for the reinforcement, replacement, and installation of a seawall with tidal backflow prevention to achieve continuous elevation and protection against a 100-year storm event. Services complied with requirements in the Hazard Mitigation Grant Contract H0483 (HMGP) secured through the State of Florida Division of Emergency Management. The Avenida Menendez seawall has protected St. Augustine's historic bayfront for more than 180 years. Kimley-Horn partnered with the City to expand its decade-long efforts to provide increased protection for properties, residents, and sensitive archaeological sites.

### **City of Sunrise, Welleby Park Expansion, Sunrise, FL** – *Structural Engineer*

Responsible for the structural design of a timber observation dock and a concrete gravity wall to be constructed on an existing lake at Welleby Park.

### **9 Island Condominium, Marina Dock Replacement and Seawall Repair, Miami Beach, FL** – *Project Engineer*

Following Hurricane Irma, Kimley-Horn performed an above- and below-water condition assessment of the 623-linear-foot concrete post-and-panel seawall on the east side of the 9 Island Avenue property, including a severely damaged timber marina and boardwalk. Services included a Level 2 seawall inspection per ASCE guidelines, followed by repair plans, specifications, and an opinion of probable cost for seawall repairs and total marina replacement. Provided senior-level support and design document review and development for this project.





## J. Casey Long, PE Continued



### **Port of Palm Beach, Slip No. 3 Equipment Loading Assessment, Riviera Beach, FL** – *Structural Engineer*

Provided a preliminary structural assessment for new cement unloading equipment at Slip No. 3 Northside Bulkhead. The assessment included gathering manufacturer data, reviewing existing construction drawings and design calculations, and analyzing the existing bulkhead and seawall for the new equipment.

### **City of Coconut Creek, Sabal Pines Park Boardwalk Deck Replacement, Coconut Creek, FL** – *Marine Structural Engineer*

Provided planning, engineering, and consulting for the replacement of a 250-foot-long boardwalk at Sabal Pines Park. The project reused existing piles and replaced the wood superstructure with a precast concrete system and ornamental railing. Services included permitting, planning, and design.

### **Port of Palm Beach, Slip 2 and Slip 3 Trench Drain Repair, Riviera Beach, FL** – *Project Manager and Structural Engineer*

Responsible for designing a new trench drain system at the west end of both Slip 2 and Slip 3. Improvements included retrofitting existing drains to handle heavier wheel loads and mitigate significant wear and tear.

### **The District CDD, The RiversEdge Development, Jacksonville, FL** – *Marine Structural Engineer*

Responsible for structural engineering of over 2,000 feet of bulkhead replacement along the St. Johns River. Challenges included managing upland environmental elements, soil replacement for new over-water construction (vibrocompaction), and encapsulating an old power plant intake structure. Additional services included permit coordination and consulting. This 32-acre mixed-use development is planned to transform Downtown Jacksonville's Southbank.

### **Safe Harbor, 22nd Court Seawall Replacement, Riviera Beach, FL** – *Marine Structural Engineer*

Responsible for designing a new seawall along the Intracoastal Waterway. The project consisted of 100 feet of cantilevered seawall placed in front of the old wall. Challenges included vibration control for adjacent structures and construction over an active force main. Additional services included permit coordination and consultation with roadway and utility engineers.

### **Village of Wellington, Wellington Community High School Sports Complex, Wellington, FL** – *Project Manager, Lead Civil and Structural Engineer*

Kimley-Horn provided design, permitting, and bid-phase services to expand the Wellington High School sports fields into an integrated community park. The project included four lighted multiuse synthetic turf fields, resurfacing the football stadium field, a 5,000-square-foot concession building, a 1,400-square-foot maintenance building, entrance drive modifications, landscape improvements, milling and resurfacing access roads, and new site lighting. Additional features included shade canopies, sidewalks, relocated courts, batting cages, pitching areas, stormwater retention ponds, and site power distribution.

### **Florida's Turnpike Widening, Glades Road to Atlantic Avenue, Palm Beach County, FL** – *Project Engineer*

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### **Stirling Road Mixed-Use Development, Bridge over SFWMD C-10 Canal, Hollywood, FL** – *Structural Engineer of Record*

Kimley-Horn was retained to design a bridge connecting two parcels separated by the SFWMD C-10 Canal. The bridge accommodates vehicular and pedestrian traffic. Services included civil site development, permitting and coordination with SFWMD and USCG, construction phase services, and weekly inspections per permit conditions.



# Ally Goolabsingh, PE

Structural Engineer

Kimley»Horn

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## Biography

Ally has 13 years of project experience serving as structural engineer and project manager on a wide variety of public and private sector jobs. She has extensive experience including new building design, existing structural assessments, and rehabilitation. Her project experience includes low rise to high rise structures consisting of a variety of different builds

## Relevant Experience

### Virgin Islands Port Authority, Cyril E. King International Airport Parking Garage and Transportation Center, St. Thomas, VI – Project Engineer

The Virgin Islands Port Authority (VIPA), an autonomous agency managing airports and most public seaports in the U.S. Virgin Islands, retained Kimley-Horn to provide civil and structural engineering services for the development of construction documents for a new parking and transportation center at Cyril E. King Airport in St. Thomas. The proposed construction area is located on the existing surface parking east of the airport terminal. The parking garage will provide approximately 500 spaces for visitors, employees, and rental car operations. The project also includes limited pedestrian connections across the existing roadway and minor roadway improvements within the airport.

### Clearwater Marina District Block A Medical Office Building, Clearwater, FL

– Project Engineer

Kimley-Horn is providing mechanical, electrical, plumbing, and fire protection engineering services, as well as commissioning services, for a 129,600-square-foot, three-story medical office building with an integral two-level parking garage, rooftop terrace, and solar installation. Scope includes schematic design, design development, and construction documents, along with permitting and construction-phase site visits. Code-required commissioning services will be provided. Rooftop solar design includes electrical interconnection application support, process coordination, and PV array electrical drawings. Structural services include canopy framing and parking design.

### City of Cape Coral Community Parks On-Call, Cape Coral, FL – Structural Engineer

Kimley-Horn is providing design and engineering services for four Cape Coral community parks: Yellow Fever Creek Park, Festival Park, Lake Kennedy Park, and Yacht Club Community Park. Services include programming, master planning, stakeholder engagement, environmental due diligence and permitting, landscape architecture, site civil design, construction documents, and construction-phase support. Projects include land planning, landscape architecture, marina design, civil engineering, environmental permitting, and structural engineering for the Cape Coral Yacht Club Community Park master plan; and land planning, landscape architecture, civil engineering, and environmental permitting for Festival Park, Yellow Fever Creek Preserve, and Lake Kennedy Park master plan improvements.



65%

## Education

- Master of Science, Civil Engineering, University of Miami, 2013
- Bachelor of Science, Civil Engineering, University of Miami, 2012

## Certifications

- Professional Engineer in FL, #82392



## Ally Goolabsingh, PE Continued



### **Joe DiMaggio Children's Hospital Bed Tower Vertical Expansion, Hollywood, FL** – *Project Engineer*

This project involves the vertical expansion of the Joe DiMaggio Children's Hospital Bed Tower. Kimley-Horn performed a structural peer review of the existing hospital to confirm adequacy for future expansion. The review included analysis of existing structural components under additional loads and strengthening where required. We also reviewed calculations and drawings for compliance with Florida Building Code (2017 Edition) and verified conformance between structural and architectural drawings regarding geometry, materials, and load conditions.

### **Mary Brickell Village, Miami, FL** – *Structural Engineer*

Kimley-Horn provided full MEP, civil, and structural engineering services for this three-level outdoor retail and shopping center in Brickell. Improvements included refreshing multiple storefronts and tenant spaces, approximately 1,200 linear feet of new façade, and 26,000 square feet of elevated retail space.

### **The Shoppes at Highland, Hialeah, FL** – *Project Engineer*

Kimley-Horn provided structural engineering services for a single-story retail center and two outparcels. Scope included structural design of the main retail building, two 18,000-square-foot outparcels, and the grocery store façade. The structure utilizes open-web steel joists for roof framing supported by steel columns and concrete tilt-up panels. Each tenant space features enhanced entry elements using structural steel and cold-formed steel framing. Foundations are shallow. Using AutoCAD, Kimley-Horn coordinated structural documents with architectural, MEP, and geotechnical consultants to prepare construction documents and calculations for permitting.

### **City of Wilson Single-A Baseball Stadium, Wilson, NC** – *Project Engineer*

Kimley-Horn is providing structural engineering services for a new minor league baseball stadium in Wilson, NC. The stadium includes 4,106 fixed seats, eight suites, a berm area, banquet space, and exterior patios. The ballpark consists of field-level, main concourse, and suite-level areas totaling 165,000 square feet. Structural services include steel design, moment frames, and lateral load-resisting systems. The development also includes a hotel program with transfers on the suite and concourse levels. The stadium is scheduled to open for the Carolina Mudcats' 2026 season.

### **Foundcare Riviera Beach, Riviera Beach, FL** – *Project Manager*

Kimley-Horn is providing structural engineering, civil engineering, and landscape architecture services for a 20,000-square-foot, two-story medical office building. The facility includes two 2,500-square-foot incubation suites for new businesses and 15,000 square feet of clinical space for adult and pediatric care, dentistry, behavioral health, laboratory, and pharmacy services. Scope includes survey coordination, stormwater calculations, site plan review, construction documents, permitting, dry utility coordination, and construction-phase services, as well as landscape, irrigation, and hardscape design.

### **1 Southside Park (fka Brickell Firehouse), Miami, FL** – *Project Engineer*

This luxury mixed-use high-rise development includes residential units, micro-units, wellness spaces, offices, parking, a fire station, and landscaped terraces. The property occupies an entire city block in Brickell, bounded by SW 11th Street, Brickell Metrorail Station, SW 12th Street, and SW 2nd Avenue. The existing fire station will be relocated within the project footprint and integrated into the design. Southside Park, including a playground, building, and basketball court, will be renovated and remain operational. Kimley-Horn's services include civil design, paving and grading, and coordination with the client, surveyor, architect, landscape architect, and geotechnical engineer.



# Juan Fuentes, PE, SE, SI, FRSE, LEED AP

## Structural Engineer

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### Biography

Juan has more than two decades of structural engineering experience. During this time, he has been involved in all aspects of a project from design concept through construction administration. He has worked on a variety of project types including educational, healthcare, institutional, municipal, and sports facilities. Holding an architectural engineering degree (along with his civil engineering degree), Juan has a true appreciation for the artistic vision the architect is creating. He exhausts every option—pushing the envelope to create the landmarks that define a city. His personal philosophy is to provide the soul of a city through the seamless combination of architecture, structure, and vision embodied in Frank Lloyd Wright's Kaufmann Residence. Juan is able fulfill this philosophy through his firsthand knowledge of building materials and construction methods and working meticulously with the architect through all the stages of a projects life cycle. The combination of his real world experience and work ethic forms a perfect complement to Kimley-Horn's company culture.

### Relevant Experience

#### Virgin Islands Port Authority, Cyril E. King International Airport Parking Garage and Transportation Center, St. Thomas, VI – Project Engineer

The Virgin Islands Port Authority (VIPA), an autonomous agency managing airports and most public seaports in the U.S. Virgin Islands, retained Kimley-Horn to provide civil and structural engineering services for the development of construction documents for a new parking and transportation center at Cyril E. King Airport in St. Thomas. The proposed construction area is located on the existing surface parking east of the airport terminal. The parking garage will provide approximately 500 spaces for visitors, employees, and rental car operations. The project also includes limited pedestrian connections across the existing roadway and minor roadway improvements within the airport.

#### City of Cape Coral, Community Parks On-Call, Cape Coral, FL – Structural Engineer

Kimley-Horn is providing professional design and engineering services for four Cape Coral community parks: Yellow Fever Creek Park, Festival Park, Lake Kennedy Park, and Yacht Club Community Park. Our team is performing full civil engineering, landscape architecture, environmental services, and site permitting for each park. Specific services include programming and master planning, stakeholder and community engagement, environmental due diligence and permitting, landscape architecture and site civil design, construction documents and permitting, and construction-phase services. Projects include land planning, landscape architecture, marina design, civil engineering, environmental permitting, and structural engineering for the Cape Coral Yacht Club Community Park master plan; and land planning, landscape architecture, civil engineering, and environmental permitting for Festival Park, Yellow Fever Creek Preserve, and Lake Kennedy Park master plan improvements.



65%

### Education

- Bachelor of Science, Civil Engineering, University of Miami, 1999
- Bachelor of Science, Architectural Engineering, University of Miami, 1999

### Certifications

- LEED Accredited Professional
- Professional Engineer in FL, #62426
- Structural Engineer in IL, #081.006736
- Professional Engineer in PR, #29011
- Professional Engineer in NC, #057776
- Special Inspector Threshold Building in FL, #62426



## Juan Fuentes, PE, SE, SI, FRSE, LEED AP Continued



### **Clearwater Marina District, Block A Medical Office Building, Clearwater, FL – Project Engineer**

Kimley-Horn is providing mechanical, electrical, plumbing, and fire protection engineering services, as well as commissioning services, for a 129,600-square-foot, three-story office building with an integral two-level parking garage, rooftop terrace, and solar array. Tasks include schematic design, design development, and construction documents, as well as permitting and construction-phase site visits. Code-required commissioning services will be provided. Rooftop solar design and engineering services include electrical interconnection application support, process support, and PV array electrical drawings. Structural services include canopy framing and parking design.

### **The Shoppes at Highland, Hialeah, FL – Project Manager**

Kimley-Horn provided structural engineering services for a single-story retail center and outparcels. Our scope included structural design of the main retail building, two 18,000-square-foot outparcels, and the grocery store façade. The main retail building consists of multiple tenants and includes the grocery store. The structure utilizes open-web steel joists for roof framing supported by interior steel columns and concrete tilt-up panels. Each space features an enhanced entry with structural steel and cold-formed steel framing. The structure is supported by shallow foundations. Using AutoCAD, Kimley-Horn coordinated structural documents with architectural, mechanical, electrical, plumbing, and geotechnical consultants to prepare structural construction documents and calculations for permitting.

### **City of Wilson, Single-A Baseball Stadium, Wilson, NC – Project Engineer**

Kimley-Horn is providing structural engineering services for a new minor league baseball stadium in Wilson, NC. The stadium includes 4,106 fixed seats, eight suites, a berm area, a banquet area, and exterior patio spaces. The ballpark consists of a field level, main concourse, and suite level totaling 165,000 square feet. Structural engineering services include steel design, moment frames, and the lateral load-resisting system. The development also includes a hotel program with transfers on the suite and concourse levels. The stadium is scheduled to open for the Carolina Mudcats' 2026 season.

### **Omni Parking Garage, Repair Assessment and Design, Miami, FL – Structural Engineer**

Kimley-Horn is providing restoration design and construction-phase services for the Omni Parking Garage, a nine-level, two-bay-wide structure with capacity for 2,200 cars. The oceanfront structure is in disrepair, with preliminary observations noting floor cracks, concrete spalls, overhead spalls, and deteriorating sealants, metal stairs, railings, barriers, and expansion joints. Kimley-Horn is tasked with providing repair recommendations and opinions of probable cost.

### **Walton Scrub Preserve, Observation Tower, Port St. Lucie, FL – Project Engineer**

Kimley-Horn was retained by St. Lucie County Environmental Resources Department to study and design a 50-foot-tall observation tower within Walton Scrub Preserve. The tower aims to educate the public on the county's natural resources within the adjacent Savannas Preserve, Walton Scrub Preserve, and Indian River Lagoon. We evaluated different geometric layouts and material types during concept development. The selected design consists of a weathering steel structural frame with timber elements to provide a low-maintenance, long-term solution. We are currently assisting the county in pursuing grant funding for construction.

### **Little River Breezeway, Miami, FL – Project Manager**

Kimley-Horn was retained to provide structural design services for Little River Breezeway in Miami. This project consists of four independent, four-story buildings totaling 52,000 square feet. The buildings feature a contemporary design with accessible terrace areas. Three of the buildings consist of a wooden roof structure. The scope of services includes design development, construction document preparation, permitting, and construction-phase services. Ananth is currently leading the effort to deliver 100% design development drawings to the client.





#### EDUCATION

1992  
General Studies, Lewis & Clark  
College

#### YEARS OF EXPERIENCE

Industry: 27  
KEITH: 8

#### PROFESSIONAL REGISTRATIONS

Temporary Traffic Control  
Certification, Intermediate, 86589,  
2018

#### PROFILE

As a Utility Project Manager for KEITH Location Services Department, Sean Halsey is responsible for scheduling and supervising field crews, conducting utility field meetings, utility records research, conflict analysis and determining if additional utility investigation is needed for assigned projects in South Florida. With 27 years of experience, he has completed projects from beginning phases to final delivery which included preparing and submitting fee proposals, coordinating with clients, being able to setup projects for field crews and conducting field visits when trouble shooting is required; download and process collected data; performed quality control and finalize for delivery while keeping clients informed on a daily basis. Mr. Halsey has extensive knowledge in the performance and use of GPR (Mala Geoscience, GSSI, Radio Detection, Nogin, etc.), Electro-Magnetic Induction (Radio Detection, Vivax, Fischer), Magnetometers, Vacuum Excavation Trailer and Portable Systems, Pipeline Inspection, Conductivity Scanning, Multi-testers and Fault Detection experience.

#### RELEVANT PROJECT EXPERIENCE

**MLK Boulevard Improvements, Pompano Beach, FL:** Task Manager. Improvements included multi-modal friendly streetscape with landscape/hardscape beautification features along MLK Blvd, including pedestrian-level and roadway lighting, streetscape furnishings, utility adjustments (including undergrounding), and drainage, utility, and roadway improvements. KEITH, under a continuing services agreement, assembled a multi-disciplinary team to complete all design aspects. As the Prime consultant, KEITH was responsible for overall team management, engineering, permitting, planning, surveying, public consensus, and construction management.

**Pier Parking Garage, Pompano Beach, FL:** Task Manager. The parking garage includes five stories, 662 parking spaces, speed ramp to facilitate access to higher levels of the garage and some retail space. As part of the design-build team, as subconsultant, KEITH was responsible for planning, survey, utility coordination, civil engineering, landscape design, permitting, and construction inspection. Our professional services included extensive community and municipal outreach.

**North Pompano Park Improvements, Pompano Beach, FL:** Task Manager. KEITH assisted the Client in developing a KEITH Play project that includes several multi-purpose sports fields, concession stands, restrooms, sports and site lighting, walking paths, parking, and dog park at the 20-acre site. KEITH, utilizing a multi-disciplinary team, provided full services to the Client including civil engineering, survey/SUE, landscape architecture, planning, arborist services, tree disposition, and construction management from the early planning stages.

**Zone 2 Drainage Study, Plantation, FL:** Task Manager. The KEITH Team, under its continuing services contract with the city, was successfully retained to provide a full range of engineering services including an evaluation of the stormwater system and develop a Capital Improvement Program (CIP). KEITH will leverage its expertise in hydrology and hydraulics modeling to evaluate the stormwater system, identify potential areas at risk and evaluate stormwater system upgrades. The study will be presented in the new comprehensive stormwater master plan establishing a policy framework, integrating resiliency, conducts vulnerability analysis, and provides a prioritized improvement program.

**Cypress Road Improvements, Plantation, FL:** Task Manager. KEITH, under a continuing services contract with the City, assisted with development of this project involving roundabout design, and drainage improvements. Services KEITH provided include survey, SUE, civil engineering, landscape architecture, and transportation engineering.

**Pompano Stormwater - Atlantic Blvd & South Riverside Rive, Pompano Beach, FL:** Project Manager. As a subconsultant to Stoner and Associates, KEITH was retained to provide subsurface utility engineering services for Atlantic Boulevard and South Riverside Drive. KEITH performed 25 test holes to identify underground utilities.

**Fire Station No. 114, Pompano Beach, FL:** Project Manager. The client has requested that KEITH provide SUE services for the Fire Station 114 project. Horizontal utility designation services will be performed to mark detectable utilities along a proposed fence line. A hand-drawn field sketch of discoveries will be included.

**Pompano Beach Senior Center, Pompano Beach, FL:** KEITH, as subconsultant to Bermello Ajamil & Partners, assisted the Client in developing a KEITH Campus project including the development of a new 8,400-SF senior activity center designed for residents aged 55 and over. KEITH provided services to the Client including civil engineering, survey/SUE, and construction program administration. The KEITH Team assisted the Client in topographic survey, sketch and legal description, horizontal designation and location services, preliminary civil engineering through site plan/DRC, engineering permitting, construction documentation, construction observation, inspection, and certification. The completed project has become a resource in the community for active seniors offering age-appropriate courses and seminars, exercise equipment, games, health screenings, beauty salon, and a meal program.

**Dixie Highway and Atlantic Boulevard, Pompano Beach, FL:** Task Manager. KEITH, as subconsultant to Kimely-Horn, is assisting the Client in developing a KEITH Access project including a transformative new road project to realign Atlantic Boulevard and create a signature entrance to the heart of the City of Pompano Beach. KEITH provides services to the Client including survey/SUE, and CEI. The KEITH Team is assisting the Client in updating topographic and right-of-way surveys to show all surface features, such as roadways, medians, curbing, sidewalks, driveways, surface utilities, and traffic striping within the scope limits, SUE record research and location services, construction observation, and inspection following FDOT criteria. Improvements to the Atlantic Boulevard and Dixie Highway corridor are the result of a successful collaboration with FDOT to acquire Dixie Highway in its entirety through the City. FDOT transferred almost \$5 million in funding to the City, money already designated for their resurfacing of Dixie Highway. Inspired to create a safer, more walkable city, Pompano Beach's plan will become the foundation for its new Downtown community.

**Cypress Road Improvements, Plantation, FL:** Task Manager. KEITH, under a continuing services contract with the City, assisted with development of this project involving signal upgrades, milling and resurfacing, roundabout design, drainage improvements, additional sidewalk, and the addition of corridor-wide sharrow pavement markings and respective signage. Services KEITH provided include survey, SUE, civil engineering, landscape architecture, and transportation engineering. KEITH also managed a team of professional contractors providing lighting analysis and design and geotechnical services.

**SR A1A Improvements, Pompano Beach, FL:** Task Manager. Under our continuing services contract for GO Bond Improvements, KEITH assisted the Client in the development of a KEITH Access project. KEITH provided full services to the Client including survey/SUE, civil and transportation engineering, landscape architecture, and construction program management. During coordination it was determined that FDOT had a project overlapping the City's. KEITH coordinated with FDOT to have the funds transferred to the City increasing the construction budget.

**Port Everglades Maintenance Building, Fort Lauderdale, FL:** Task Manager. KEITH provided planning, civil engineering, and landscape architecture design along with survey, SUE and UC for Port Everglades to construct a new facility to consolidate Port Facilities Maintenance and Operations from the current functions that are located within various buildings throughout the Port Everglades Campus into a central location. KEITH assisted with a programming and recommendations report as a standalone document. This document defined and outlined the facility's needs as a part of design services and was used to determine the size of the facility, number of rooms, spaces, uses and operational adjacencies, employee and port/county vehicle parking, specialized equipment parking, and storage, including, but not limited to, listing and compiling all equipment anticipated and needed to operate the facility in an efficient and effective way. The second phase included the design and preparation of construction documents and permitting phase. After which, the third phase will be the construction of the facility during such a time that construction activities won't interrupt port operations, including but not limited to, traffic, taxi movement and staging, stores truck staging and movement, and other vehicle operations that could potentially impact the port's ability to service its clients.

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**PROFILE**

As Director of Subsurface Utility Engineering (SUE) 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.

**EDUCATION**

1992  
AA, Arts, Saint Petersburg College

**YEARS OF EXPERIENCE**

Industry: 26  
KEITH: 12

OHS Construction Induction  
Training Certificate

OSHA Confined Space Entry

Rail Industry Safety Induction (RISI)

CSX Certified Safety Facilitator

OSHA 40-Hour Safety Training

**RELEVANT PROJECT EXPERIENCE**

**Water and Re-Use Treatment Plant Projects, Pompano Beach, FL:** Project Manager. KEITH, as a subconsultant, assists in the development of water and re-use water treatment plant projects on an as-needed basis. KEITH assists the Client with survey, SUE, and landscape architecture services. The KEITH Team assists the Client with specific purpose survey, site plan processing, paving, grading, and drainage, erosion plan, water distribution and sanitary sewer, engineering permitting, landscape architecture plans, construction observation, and construction certification.

**Water Service Material Validation, Pompano Beach, FL:** Task Manager. KEITH, under this continuing service contract, provided civil engineering, survey, SUE, landscape architecture, and construction program management services. This project supported compliance with the EPA's Lead and Copper Rule Improvements (LCRI) by identifying and validating the materials of water service lines within the County's drinking water system. The scope included predictive modeling, field investigations, and integration of findings into BCWWS's GIS system. KEITH performed visual inspections and vacuum excavations, documented findings, and supported data-driven decision-making. The project also involved the use of Trinnex's LeadCAST software to enhance predictive modeling capabilities.

**Charlotte Burrie Civic Center, Pompano Beach, FL:** KEITH, under its continuing services contract with the city, and as subconsultant, assisted the Client in developing a KEITH Campus project that included 8,712-SF of multi-purpose spaces for civic, social, and recreational activities, lobby/pre-function area, reception, administrative offices, conference rooms, 250-seat assembly hall, and pedestrian ADA-compliant access, a porte-cochère entrance, 48 vehicular and 20 bicycle parking spaces. KEITH provided full services to the Client including civil engineering, permitting, landscape architecture, and construction administration and coordination for the LEED v4 certified building.

**SR A1A Improvements, Pompano Beach, FL:** Task Manager. Under our continuing services contract with the City, KEITH assisted the Client in the development of a KEITH Access project related to streetscape improvements including landscaped medians, widened sidewalks, and street lighting. KEITH provided full services to the Client including survey/SUE, civil and transportation engineering, landscape architecture, and construction program management. The KEITH Team assisted the Client in digital terrain modeling, utility mapping, permitting, bid assistance, landscape concepts through schematic design, roadway analysis, photometric and lighting design analysis, field reviews of roadway and drainage, construction observation and certification.

**Mark Mitchell**

Director of Subsurface Utility Engineering

**BCWWS-KA17-07 District 3A Step Area3A-D, Pompano Beach, FL:** Task Manager. The project entails the construction of approximately 3,250 linear feet of 8" PVC gravity sewer, 10 maintenance access structures and associated service lines. The proposed project has the potential to eliminate several septic systems that currently serve businesses in an industrial park generally located southwest of the intersection of SR 84 and I-95.

**Pompano Beach Chiller Plant, Pompano Beach, FL:** The project included a 750 square foot chiller plant building and cooling tower yard for Pompano Beach City Hall. The new chiller plant will provide energy efficient air-conditioning to City Hall and the Commission Chambers while reducing energy costs to the City. The impacted area around the proposed chiller plant increased the entire site pervious area by 619 square feet and also required the elimination of four parking spaces. KEITH provided planning, civil, survey, and SUE services including layout and processing of the site plan, utilities design and permitting through all agencies having jurisdiction.

**Pompano Beach Pier Parking Garage, Pompano Beach, FL:** The Pompano Beach Pier Parking Garage is located at the southeast corner of North Ocean Blvd. (SR- A1A) and NE 3rd Street on a 3.5-acre site. The parking garage includes five stories, 662 parking spaces, speed ramp to facilitate access to higher levels of the garage and some retail space on the ground level fronting NE 3rd Street and the new Pier Street. The Pompano Beach CRA has ambitious plans for the redevelopment of the area and the need for additional parking facilities in the beach area is critical for the future of this beach community. As part of the design-build team, led by Kaufman Lynn Construction, KEITH was responsible for planning, survey, utility coordination/investigation, civil engineering, landscape design, permitting, and construction inspection of the project. Our professional services included extensive community and municipal outreach, complete topographic and boundary surveying, utility investigation of all public and private utilities within and adjacent to the project limits, complete civil design to adequately provide water/fire/sanitary sewer service and stormwater management design/grading of the site to ensure compliance with recently changed federal/state and local criteria, full landscape and irrigation design, permitting through all jurisdictional agencies and construction inspection and certification services.

**NW 31 Avenue & Mcnab Road Intersection Improvements, Fort Lauderdale, FL:** Project Manager. As subconsultant to Metric Engineering under their continuing services contract with Broward County providing engineering services for traffic, roadway, and civil projects, KEITH has been tasked to provide construction engineering and inspection services including roadway and asphalt plant inspections, and project closeout documents. KEITH will also attend pre-construction meetings and provide overall project administration for the duration of the construction phase including internal staffing schedules, communications with the County, and preparation of status reports. In addition, KEITH will provide material sampling and testing services, as needed, per state and federal regulations.

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## PROFILE

Steve High has 53 years of experience in land development, project management, roadway and utility construction inspection. He has managed daily construction activities relating to earthwork operations, asphalt paving, utility relocations, concrete placement and drainage pipe installation. His experience includes preparing daily inspection reports on all activities, job progression, personnel and equipment, as well as interfacing with contractors on behalf of clients and accountability for job site coordination. His current capacity of Senior Construction Inspector requires monitoring and inspection of all phases of construction work, as well as coordination with clients, contractors, public agencies, utilities, and affected property owners. Steve's experience includes project management and field engineering inspection experience for both public and private projects.

## EDUCATION

1972  
Courses Completed, Broward  
College

Courses Completed, Palm Beach  
College

## YEARS OF EXPERIENCE

Industry: 53  
KEITH: 18

## PROFESSIONAL REGISTRATIONS

Asphalt Paving L1

Concrete Field Inspector Spec

Final Estimates L1

Nuclear Radiation Safety

A3 ACI Concrete Field Technician -  
Grade 1

SFRTA Contractor Safety Training

Temporary Traffic Control  
Certification, Advanced

OSHA 40-Hour Safety Training

Earthwork Construction L1

## RELEVANT PROJECT EXPERIENCE

**Water Service Material Validation, Pompano Beach, FL:** Inspector. KEITH, under this continuing service contract, provided civil engineering, survey, SUE, landscape architecture, and construction program management services. This project supported compliance with the EPA's Lead and Copper Rule Improvements (LCRI) by identifying and validating the materials of existing water service lines within the County's drinking water system. The scope included predictive modeling, field investigations, and integration of findings into BCWWS's GIS system. KEITH performed visual inspections and vacuum excavations to verify service line materials, documented findings, and supported data-driven decision-making. The project also involved the use of Trinnex's LeadCAST software to enhance predictive modeling capabilities.

**Fire Station No. 52 Design-Build, Pompano Beach, FL:** Inspector. KEITH, under our continuing services agreement with the City, assisted the Client, as subconsultant, in developing a KEITH Facility project including a two-story multi-bay facility. KEITH provided full services to the Client including civil engineering, planning, survey/SUE, landscape architecture, and construction program management. The project brought the community a much-needed resource for safety and emergency management.

**Charlotte Burrie Civic Center, Pompano Beach, FL:** Inspector. KEITH, under its continuing services contract with the city, as subconsultant, assisted the Client in developing a KEITH Campus project that includes 8,712-SF of multi-purpose spaces for civic, social, and recreational activities, lobby area, reception, administrative offices, conference rooms, 250-seat assembly hall, a fixed platform stage, kitchen, and storage, as well as easy pedestrian ADA-compliant access, a porte-cochère entrance, 48 vehicular and 20 bicycle parking spaces. KEITH provided full services to the Client including civil engineering, permitting, landscape architecture, and construction administration and coordination for the new LEED v4 certified building.

**Chiller Plant, Pompano Beach, FL:** Inspector. The project included a 750-SF chiller plant building and cooling tower yard for Pompano Beach City Hall. The new plant will provide energy efficient air-conditioning to City Hall and the Commission Chambers while reducing energy costs. KEITH provided planning, civil, survey, SUE, and construction program management services including layout and processing of the site plan, utilities design, inspections, and permitting through all agencies having jurisdiction.

**CEI Services For SR 7 Median Enhancement, Coconut Creek, FL:** Inspector. Under our continuing services contract with the city, and under an FDOT LAP awarded grant, the KEITH Team was retained to provide CEI services for a median restoration project, approximately one mile in length. The construction contract duration is scheduled for six (6) months. KEITH is a prequalified CEI provider by FDOT.

**Pompano Beach Senior Center, Pompano Beach, FL:** Inspector. KEITH, as subconsultant, assisted the Client in developing a KEITH Campus project including the development of a new 8,400-SF senior activity center designed for residents aged 55 and over. KEITH provided services to the Client including civil engineering, survey/SUE, CEI, and construction program administration. The completed project has become a resource in the community for active seniors offering age-appropriate courses and seminars, exercise equipment, games, health screenings, beauty salon, and a meal program.

**Fire Station No. 24 Design-Build, Pompano Beach, FL:** Inspector. The City requested the replacement of the existing station with a new two-story, four-bay fire station. The City was so pleased with the previous work done on Fire Station 11 that the design and development was used for Fire Station No. 103 (with site adjustments) and served as the prototype design for the proposed Fire Station No. 24 design/build. KEITH, as a subconsultant, provided engineering design and permitting, project coordination, surveying, landscape architecture, and construction services for this project. New utilities and services, along with landscaping, 20 parking spaces, three visitor parking spaces, offices, a training room, and an exercise room. The station was designed to achieve a minimum LEED level of Silver Certification and the team met with the FAA consultant to finalize site and building plans to comply with FAA airspace requirements.

**BCWWS-KA17-08 District 3A Step Area 3A-L1, Pompano Beach, FL:** Inspector. This project consisted of extending public gravity sanitary sewer to properties located at the Northwest corner of Stirling Road and SW 25th Ave from an existing gravity manhole located in SW 25th Ave. The project entailed the construction of approximately 50 linear feet of 8" PVC, 1 sanitary sewer maintenance access structures and associated service laterals. The proposed project has the potential to eliminate 2 or 3 septic tanks and extend public sanitary sewer to 2 vacant lots.

**John Knox Village Woodlands Health Center:** Inspector. KEITH, as subconsultant, assisted the Client in developing a KEITH Campus project that includes a 7-story Green House skilled nursing facility for as many as 144 residents including interior and exterior common areas on the 65-acre property. KEITH provided full services to the Client including civil engineering, survey/SUE, landscape architecture, planning, and construction administration and management. This LEED Silver certified development was one of the first of its kind in Florida carrying the Green House designation.

**SE 8th Court Bridge Replacement, Pompano Beach, FL:** Inspector. This project consisted of replacing an existing bridge along SE 8th Court. The bridge crosses over a leg of the Lake Santa Barbara waterway within the Santa Barbara Shores subdivision. It included complete design, permitting, bid assistance, coordination of structural engineering for bridge design, and construction inspection for phased bridge and bulkhead rehabilitation and replacement. This project was very complex, as the bridge serves as the only means of ingress/egress to and from this island community and required extensive coordination to ensure uninterrupted access and utility service throughout construction. Additional services included design survey, utility investigation, roadway design, preliminary geotechnical testing, utility coordination, and preparation of construction documents.

**Pier Parking Garage, Pompano Beach, FL:** Inspector. The parking garage includes five stories, 662 parking spaces, and some retail space on the ground level. As part of the design-build team, as subconsultant, KEITH was responsible for planning, survey, utility coordination, civil engineering, landscape design, permitting, and construction inspection. KEITH services included extensive community and municipal outreach, complete civil design to adequately provide water/fire/sanitary sewer service and stormwater management design/grading, landscape and irrigation design, permitting, and construction inspection and certification services.

**Public Safety Complex, Pompano Beach, FL:** Inspector. KEITH cooperated in a condition assessment of the façade of the Public Safety and Fire Administration buildings. The scope of work included due diligence of existing conditions assessment and recommendations for improvements. The objective of the project is to not only correct current and existing conditions, but to extend the life of the exterior "skin". KEITH provided detailed surveying and civil engineering design and permitting.

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## PROFILE

Jon Weymouth has nearly four decades of experience in the design, permitting and construction of heavy transportation projects. Past projects include the completion of five segmental bridges at FLL to accommodate the rapid growth of the airport. He performed lead field representative services for the new FLL 9L-27R South Runway Expansion project constructed with FAA and FDOT funding (and per the FAA specifications). Jon also served as the owner's representative subconsultant for the new water main within the PBI airfield operations area. Additional projects include working at MIA as the lead field representative for the apron replacement for the American Airlines (AA), which entailed the removal and reconstruction of the high mast electrical system, oil-water/drainage system, and entire concrete/asphalt pavement sections within the active AA maintenance facility. At FLL, Jon coordinated with field representatives for the airside build-out of Terminal 2 for Delta Airlines and Terminal 3 for JetBlue. These terminal modernization projects included constructing sterile corridors between the terminals.

## EDUCATION

1990  
BS, Architectural Engineering,  
University of Miami

## YEARS OF EXPERIENCE

Industry: 36  
KEITH: 15

## PROFESSIONAL REGISTRATIONS

Professional Engineer, 52802, FL,  
1998

SFRTA Contractor Safety Training

Qualified Florida Construction  
Stormwater Management Inspector

Temporary Traffic Control  
Certification, Intermediate, 75781

Temporary Traffic Control  
Certification, Advanced, 81960

OSHA 10-Hour Safety Training

CTQP Quality Control Manager

## RELEVANT PROJECT EXPERIENCE

**Architectural and Structural Engineering Services, Pompano Beach, FL:** Project Manager. KEITH provided civil design and construction engineering inspection services. Properties included a portion of the Aquatic Center, Community Park, and Sandspur Park. Services included design development and construction documents. KEITH also provided construction observation, civil site, utility design, site plan preparation, landscape architecture, and permitting assistance.

**Pier Parking Garage, Pompano Beach, FL:** Project Manager. The parking garage includes five stories, 662 parking spaces, speed ramp to facilitate access to higher levels of the garage and some retail space. As part of the design-build team, as subconsultant, KEITH was responsible for planning, survey, utility coordination, civil engineering, landscape design, permitting, and construction inspection. Our professional services included extensive community and municipal outreach.

**Charlotte Burrie Civic Center, Pompano Beach, FL:** Project Manager. KEITH, under its continuing services contract with the city, and as subconsultant, assisted the Client in developing a KEITH Campus project that includes 8,712-SF of multi-purpose spaces for civic, social, and recreational activities, lobby area, reception, administrative offices, conference rooms, 250-seat assembly hall, a fixed platform stage, kitchen, and storage, as well as easy pedestrian ADA-compliant access, a porte-cochère entrance, 48 vehicular and 20 bicycle parking spaces. KEITH provided full services to the Client including civil engineering, permitting, landscape architecture, and construction administration and coordination for the new LEED v4 certified building.

**North Campus Bridge Repair, Coconut Creek, FL:** Project Manager. KEITH assisted the Client with a KEITH Access project including engineering services and construction documentation 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. KEITH provided civil engineering, survey, and construction program management services to the Client.

**Annex Building Addition, Plantation, FL:** Project Manager. KEITH, under its continuing services agreement with the City, assisted the Client in developing a KEITH Campus project including a stand-alone one-story annex building consisting of approximately 4,200-GSF. KEITH provided services to the Client including owner's representation and construction management. The KEITH Team assisted the Client in architect coordination, permitting, construction value, scheduling, shop drawings, as-builts, field visits, final certifications, and project close-out.

**Fire and Emergency Operations Center, Pompano Beach, FL:** Project Manager. KEITH assisted the Client, as subconsultant, in developing a KEITH Facility project that includes a new fire, rescue, and logistics complex to include administrative and emergency operations center, and a fire and EMS distribution center with storage for emergency apparatus. KEITH provided services to the Client including civil engineering, LEED consulting, survey, landscape architecture, and construction management. The project created a state-of-the-art facility in the Downtown Pompano Transit Oriented Corridor (DPTOC).

**Fire Station No. 114 Design/Build, Pompano Beach, FL:** Project Manager. KEITH, as a subconsultant to Saltz Michelson Architects, provided professional services associated with surveying and mapping, planning, and engineering for the design/build of Fire Station No. 114. Services included topographic, boundary, and tree surveys; site plan processing and coordination; paving; grading and drainage; water distribution, sanitary sewer design; stormwater prevention design; civil engineering permitting; traffic signalization; and construction observation. The new 2-story 13,990-SF facility houses three bays and can accommodate as many as eleven firefighters, one city outreach person, and Building Support Functions.

**Fire Station No.1 Replacement, Plantation, FL:** Project Manager. KEITH, as subconsultant, assisted the Client in developing a KEITH Facility project including replacement of the oldest fire station in the City to accommodate a new two-story state-of-the-art facility designed for increased staff, operational needs, and emergency generator. KEITH provided full services to the Client including survey/SUE, civil engineering, landscape architecture, utility coordination, and construction management. The KEITH Team assisted the Client in creating a world-class safety facility for the community.

**DC Alexander Park, Fort Lauderdale, FL:** Task Manager. KEITH assisted the Client in developing a KEITH Play project that includes the visioning and redevelopment of an oceanfront park nestled in a unique 1+ acre spot on Fort Lauderdale's beachfront. KEITH provided services to the Client including survey/SUE, planning, civil and traffic engineering, landscape architecture, and construction observation. The KEITH Team assisted the Client with public engagement, turtle-compliant lighting, carefully planned stormwater infrastructure, shoreline habitat analysis, and practical and creative applications of stormwater mitigation practices resulting in a design that reflects and embraces the social and economic needs of the community. This award-winning project through its context - historic and present, its users, and the needs of the community - balances 'design for people' and 'design with nature' and is a testament to the value of comprehensive research, exploration, and analysis phases.

**Police Headquarters, Fort Lauderdale, FL:** Task Manager. KEITH, as subconsultant, assisted the Client in the development of a KEITH Facility project including the demolition of existing buildings and the design and construction of a new Police Headquarters. KEITH provided full services to the Client including civil and traffic engineering, survey/SUE, utility coordination, planning, landscape architecture, and construction program management. The project leaves the City of Fort Lauderdale with a state-of-the-art public safety headquarters to better serve the community.

**CEI Services For SR 7 Median Enhancement, Coconut Creek, FL:** Project Manager. Under our continuing services contract for the City of Coconut Creek and under an FDOT LAP awarded grant, the KEITH Team was retained to provide Construction Engineering Inspection (CEI) service for a median restoration project from south of the Sawgrass Expressway to Cullum Road, approximately one mile in length. The project involves adding irrigation to water new trees, shrubs and sod, as well as the addition of pavers in some areas. The construction contract duration is scheduled for six (6) months. KEITH is a prequalified CEI provider by FDOT.

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### EDUCATION

1991  
BS, Electrical Engineering, Gorkly  
College of Electronics

### YEARS OF EXPERIENCE

Industry: 24  
KEITH: 6

Temporary Traffic Control  
Certification, Intermediate, 9096,  
2015

### PROFESSIONAL AFFILIATIONS

UESI Broward County Chapter, Vice  
Chair, Member

Florida Utilities Coordinating  
Committee, Member

### PROFILE

Eugene Khashper has experience in plan reviews and utility coordination for design-build and traditional design-bid-build projects. He has extensive experience in permitting through governmental agencies. Eugene started his career as a project engineer, reviewing site plans, coordinating with utility providers, and overseeing utility installations and service connections. He later served as an in-house consultant for FDOT's D6 Construction Office 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. Eugene worked for FDOT D4's Utilities office 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 and is well familiar with Florida Statutes governing utility agencies, and continues to foster great relationships with designers and utility agency representatives.

### RELEVANT PROJECT EXPERIENCE

**SRA1A Improvements, Pompano Beach, FL:** Project Manager. Under our continuing services contract for GO Bond Improvements, KEITH assisted the Client in the development of a KEITH Access project. KEITH provided full services to the Client including survey/SUE, civil and transportation engineering, landscape architecture, and construction program management. During coordination it was determined that FDOT had a project overlapping the City's. KEITH coordinated with FDOT to have the funds transferred to the City increasing the construction budget.

**Drainage Improvements at US-1 and NE 14th St, Pompano Beach, FL:** Task Manager. KEITH, under its continuing contract with the City, is providing civil engineering, surveying, and subsurface utility engineering for this KEITH Water project. This comprehensive drainage improvement project aims to significantly enhance the stormwater management system in the City of Pompano Beach. The project involves the installation of new storm drainage infrastructure and the cutting of swales to optimize drainage functionality and mitigate flooding risks. This project area primarily consists of residential properties. Key components of the project include: **Installation and Reconstruction:** A total of 54 storm drain structures will be installed or reconstructed to ensure efficient water flow and prevent blockages. **Storm Drain Piping:** Approximately 4,765 linear feet of storm drain piping will be laid to facilitate the effective conveyance of stormwater. **Enhanced Drainage Functionality:** The project will incorporate advanced engineering techniques to improve the overall drainage capacity and resilience of the area. TBG Consulting provided cost estimating services to ensure that the project remains within budget while achieving its goals of improved drainage and reduced flood risk.

**Fire Station No. 52 Design-Build, Pompano Beach, FL:** Task Manager. KEITH, under our continuing services agreement with the City for GO Bond Improvement Projects, assisted the Client, as subconsultant, in developing a KEITH Facility project that includes a two-story multi-bay facility. KEITH provided full services to the Client including civil engineering, planning, survey/SUE, landscape architecture, and construction program management.

**Cypress Road Improvements, Plantation, FL:** Task Manager. KEITH, under a continuing services contract with the City, assisted with development of this KEITH Access project involving roundabout design, drainage improvements, additional sidewalk, corridor-wide pavement markings and signage. Services KEITH provided include survey, SUE, civil engineering, landscape architecture, utility coordination, and transportation engineering.

**Broward County Pompano Park Place Racetrack Road, Pompano Beach, FL:** Task Manager. KEITH assisted the Client in the development of this KEITH Access project including the design of Pompano Park Place from Powerline Road to Cypress Road consisting of additional bicycle lanes and sidewalk/ADA improvements. KEITH provided full services to the Client including civil, geospatial, and traffic engineering, and landscape architecture. This is a Broward County surtax-funded complete streets project including widening, milling and resurfacing, signalization, lighting improvements, and railroad coordination. The completed project provides safe multi-modal transportation options to the neighborhood.

**Downtown Pompano, Pompano Beach, FL:** Task Manager. KEITH is assisting the Client, as prime consultant, including development of a KEITH Life project known as the Downtown Pompano Development or Innovation District. The site is located generally between Dixie and I-95 and MLK Boulevard and Atlantic Blvd. The overall project area is approximately 102.50 acres of land plus approximately +/- 30 acres of public right of way. The CLIENT has divided the project into three general phases. KEITH assists the Client with services including civil engineering, survey, planning, and utility coordination. The KEITH Team assists the Client with permitting, quality control, special purpose survey including GIS data, and planning due diligence.

**DC Alexander Park, Fort Lauderdale, FL:** Task Manager. KEITH assisted the Client in developing a KEITH Play project that includes the visioning and redevelopment of an oceanfront park nestled in a unique 1+ acre spot on Fort Lauderdale's beachfront near the Fort Lauderdale Aquatic Center and International Swimming Hall of Fame. KEITH provided services to the Client including survey/SUE, planning, civil and traffic engineering, landscape architecture, and construction observation. The KEITH Team assisted the Client with public engagement, turtle-compliant lighting, carefully planned stormwater infrastructure, shoreline habitat analysis, and practical and creative applications of stormwater mitigation practices resulting in a design that reflects and embraces the social and economic needs of the community. This award-winning project through its context - historic and present, its users, and the needs of the community - balances 'design for people' and 'design with nature' and is a testament to the value of comprehensive research, exploration, and analysis phases.

**Police Headquarters, Fort Lauderdale, FL:** Task Manager. KEITH, as subconsultant, assisted the Client in the development of a KEITH Facility project including the demolition of existing buildings and the design and construction of a new Police Headquarters. KEITH provided full services to the Client including civil and traffic engineering, survey/SUE, utility coordination, planning, landscape architecture, and construction program management. The project leaves the City of Fort Lauderdale with a state-of-the-art public safety headquarters to better serve the community.

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### EDUCATION

1983  
AS, Civil Engineering, Monroe  
Community College

### YEARS OF EXPERIENCE

Industry: 43  
KEITH: 1

### PROFESSIONAL REGISTRATIONS

Professional Land Surveyor, LS6558,  
FL, 2006

Professional Land Surveyor, 050050,  
NY, 1993

FAA Remote Pilot Small Unmanned  
Aircraft System, 4225999, 2019

### PROFESSIONAL AFFILIATIONS

Chair Advisory Committee -  
Geomatics Engineering Florida  
Atlantic University

Village of Royal Palm Beach  
Program for Public Information  
Committee, Board appointed

Palm Beach County GIS Board  
Member

Trail Boss Florida Off Road Cycling  
Enthusiasts (FORCE) Pinehurst Trail

South Florida GIS Expo committee  
Exhibits Chair

### PROFILE

Bryan Merritt is Vice President of Geospatial at KEITH. He is responsible for overseeing all geospatial operations, including survey and subsurface utility engineering (SUE) for the company. This role involves strategic planning; project management; ensuring accuracy and quality of data; leading KEITH'S team of surveying, mapping, and utility specialists; managing budgets; and collaboration with other departments/disciplines to support the KEITH company goals. Bryan also manages the evaluation and assessment of equipment and technology resources, assists in training and mentorship to team members, and provides leadership in the preparation of business development strategies for existing and new markets/geographies.

### RELEVANT PROJECT EXPERIENCE

**Water and Re-Use Treatment Plant Projects, Pompano Beach, FL:** Principal. KEITH, as a subconsultant, assists in the development of water and re-use water treatment plant projects on an as-needed basis. KEITH assists the Client with survey, SUE, and landscape architecture services. The KEITH Team assists the Client with specific purpose survey, site plan processing, paving, grading, and drainage, erosion plan, water distribution and sanitary sewer, engineering permitting, landscape architecture plans, construction observation, and construction certification.

**SE 5th Avenue Bridge Replacement, Pompano Beach, FL:** Principal. KEITH, as subconsultant, 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.

**Chiller Plant, Pompano Beach, FL:** Principal. The project included a 750-SF chiller plant building and cooling tower yard. The new chiller plant will provide energy efficient air-conditioning to City Hall and the Commission Chambers while reducing energy costs to the City. KEITH provided planning, civil, survey, and SUE services including layout and processing of the site plan, utilities design and permitting through all agencies having jurisdiction.

**Fire Station No. 114, Pompano Beach, FL:** Principal. The client has requested that KEITH provide SUE services for the Fire Station 114 project. Horizontal utility designation services will be performed to mark detectable utilities along a proposed fence line. A hand-drawn field sketch of discoveries will be included.

**South Florida Water Management District (SFWMD) Continuing Survey Services, FL:** Principal. The SFWMD trusted KEITH to provide professional services to continue with survey mapping services in Broward, Palm Beach, and Miami-Dade counties. KEITH worked with SFWMD to improve wells for the Hillsboro Canal Phase I in Broward and Palm Beach counties, the L-8 Reservoir Project in western Palm Beach County, and canals for the C-14 basin's hydrographic survey in Miami-Dade County. KEITH served as the consultant managing a trans-disciplinary team, providing surveying and subsurface utility locating services.

**Parking Garage Design-Build, Pompano Beach, FL:** Principal. KEITH assisted the Client in developing a KEITH Facility mixed-use project including a 625-space, 5-story parking garage on a 3.5-acre site. KEITH, as part of the design-build team, provided planning, survey, utility coordination and investigation, civil engineering, landscape architecture, permitting, and construction inspection. Included with KEITH's professional services were extensive community and municipal outreach, complete civil design to adequately provide water, fire, and sanitary sewer service, and stormwater management design, and permitting through all jurisdictional agencies, and construction inspection and certification.

**Sand & Spurs Equestrian Center, Pompano Beach, FL:** Principal. KEITH was selected to produce an enhanced boundary survey, based on the survey KEITH prepared in 2001, with topographic survey information. All survey services conformed with Rule 61G 17-6 of the Florida Administrative Code. Services included field determination of site elevations relative to the National Geodetic Vertical Datum of 1929 (NGVD 1929) on a 50-grid or closer to define existing grade breaks and the floor elevations on existing structures. Elevations extended a minimum of 20-feet into adjacent properties. A certified survey drawing was delivered in CADD format

**SW 9th Ave Engineering Design Survey:** Principal. KEITH was pleased to provide professional survey services associated with the approximately 1,100-LF improvement. The engineering design survey encompassed the full width of the SW 9th Avenue right-of-way, extended 50-feet into each intersecting sidestreet along the corridor, and resurrected a sufficient number of horizontal survey control points in the vicinity and within adjacent plats to accurately define the location of the right-of-way lines. The Engineering Design Survey map(s) were delivered in AutoCAD format.

**District IV Master Plan, Pompano Beach, FL:** Principal. The City of Pompano Beach created the Pompano Beach Community Redevelopment Agency (CRA) Redevelopment Plan in October of 1989. Since then, issues related to redevelopment have created the need to revise and update the Plan together with the adjacent lands. To facilitate this effort by the respective authorities, Swerdlow Lightspeed Management Company, LLC agreed to provide the financing and administrative services to complete the update of the Plan. KEITH was tasked to provide management, project planning and related graphics, support engineering services, community outreach, and governmental coordination.

**Centennial Park Sketch and Legal Survey, Pompano Beach, FL:** Principal. The Centennial Park project entails the addition of an outdoor open-air event pavilion incorporating contextually sensitive architecture that honors the historic Sample-McDougald House currently located on the property. The improvements are a part of the City of Pompano Beach GO Bond initiative and also included redevelopment of the walkways and garden areas adjacent to the future pavilion. KEITH worked closely with stakeholders to ensure the new garden spaces and pavilion suit the event needs of users and staff. KEITH provided geospatial engineering (survey and subsurface utility engineering), civil engineering, planning and landscape architecture for this project.

**Water Treatment Plan, Pompano Beach, FL:** Principal. KEITH was chosen by the City of Pompano Beach Public Works Department to provide professional survey services associated with the determination of record/as-built measurements within and adjacent to the Filter Building at the City's water treatment plant. KEITH also confirmed water surface elevations within the established area which were provided by another representative.

**Fire Station No. 114, Pompano Beach, FL:** Principal. The client has requested that KEITH provide SUE services for the Fire Station 114 project. Horizontal utility designation services will be performed to mark detectable utilities along a proposed fence line. A hand-drawn field sketch of discoveries will be included.

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## 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.

### BRIDGES OF THE ISLES & SUNRISE KEY BRIDGE REPLACEMENTS DESIGN-BUILD - FORT LAUDERDALE, FL / FDOT D4

The Geotechnical Engineer was 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. 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.

### SOUTH OCEAN BRIDGE REPLACEMENT, FT. LAUDERDALE, FL

The South Ocean Drive Bridge Replacement Project in Fort Lauderdale, Florida, involves the complete replacement of an aging bridge to enhance safety, functionality, and resilience. The project includes constructing a modernized bridge structure designed to meet current engineering standards, improve traffic flow, and accommodate pedestrian and cyclist access. Upgraded infrastructure and enhanced durability will ensure the bridge remains a vital transportation link for the local community and visitors in this coastal area.

### DYNAMIC PILE TESTING SERVICES, MIAMI-DADE COUNTY, FL / FDOT D6

Project Manager for this project that involved performing dynamic pile testing services for the construction of the new express lanes on the existing I-75 express lane bridge over the Homestead Extension of Florida's Turnpike. Responsible for monitoring the project at appropriate intervals based on the contractor's schedule. Our firm is responsible for monitoring the test piles and providing pile casting lengths and recommendations. We are developing the pile driving criteria based on subsequent analyses, including WEAP/CAPWAP and PDPILOT.



#### 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-75 WIDENING PROJECTS - HILLSBOROUGH & PASCO COUNTIES, FL, FDOT D7.**

As part of the geotechnical engineering and PDA services portion of the I-75 widening project, served as geotechnical engineering services for the CEI. In addition, provided dynamic pile testing services for the corridor, which had fourteen bridges. The dynamic pile testing portion implemented the Pile Driving Analyzer (PDA) and the Embedded Data Collector (EDC).

**SR 826/SR 836 INTERCHANGE RECONSTRUCTION, MIAMI – DADE COUNTY, FL / FDOT D6**

Geotechnical Engineer responsible for construction engineering and inspection services related to foundation installation and testing efforts. This \$550 million design-build project includes the replacement or new construction of more than 40 bridges and several miles of limited-access highway construction, along with the associated ramps, embankments, mechanically stabilized earth (MSE) walls, and other miscellaneous structures. Responsibilities also include oversight of the team performing dynamic pile testing, cross-hole sonic logging, embedded data collector testing, and pile integrity testing on foundation elements.

**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 foundations 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.

**TAMPA INTERNATIONAL AIRPORT, TPA CURBSIDE AIRPORT EXPANSION, HILLSBOROUGH COUNTY, FLORIDA (2017 - 2024)**

Geotechnical Foundation Engineer of Record (GFDEOR) for the Tampa International Airport Curbside Expansion Program, which includes the replacement and expansion of the curbsides, new approach and exit bridges, new elevated and at-grade lanes, a new Central Utility Plant (CUP), and new vertical circulation buildings (VCB). As the GFEOR for this design-build project, Mr. Delmas was responsible and overseeing all aspects of the geotechnical exploration programs and geotechnical analyses for different foundation systems throughout the project. Field exploration included performing a Standard Penetration Test (SPT) and the collection of limestone rock cores to obtain information about the geotechnical engineering properties of the in-situ soil. The foundation design included designing non-redundant drilled shafts and micro piles for the CUP and the VCB buildings. Additional drilled shafts and Micropiles were designed for the new approach, curbside, and exit bridges. Mr. Delmas also assisted in the bi-directional load testing for the design of the shafts. Over 110 non-redundant drilled shafts and over 45 micropiles were designed and installed on this project.

**HENRY E. KINNEY TUNNEL REHABILITATION AND TUNNEL TOP PLAZA, FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT), DISTRICT 4, BROWARD COUNTY & CITY OF FORT LAUDERDALE, FL 2017 – PRESENT**

Senior Geotechnical Engineer of Record (EOR) responsible for evaluating the impact of the proposed plaza at the north portal of the Henry Kinney Tunnel using finite element analyses. Mr. Delmas is responsible and overseeing all aspects of the geotechnical exploration programs and geotechnical analyses for different foundation systems throughout the corridor approaching the tunnel. This project is set to revitalize various aspects of the Henry E. Kinney Tunnel, including its structural, mechanical, electrical, architectural, and safety features. Additionally, the project involves milling and resurfacing of SR 5/ US-1 from Rio Vista Boulevard to just south of the Tunnel. It also includes the installation of Intelligent Transportation Systems (ITS) along SR 5/ US-1.

**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.



## JORDAN NELSON, PE

SENIOR ENGINEER

### EDUCATION:

University of Florida  
Mechanical Engineering  
Bachelor of Science 2011  
Master of Engineering 2013

### REGISTRATIONS / CERTIFICATIONS:

FL PE #85278  
TX PE #132934  
WV PE #23595  
NI Certified LabVIEW  
Developer

**EXPERIENCE:** 14 YRS

**YRS AT H2R:** 6

### PROFESSIONAL AFFILIATIONS:

American Society of  
Mechanical Engineers  
American Concrete Institute  
Florida Engineering Society

### PUBLICATIONS:

Muchard, Michael K. Nelson,  
Jordan D. "Determination of  
Unknown Foundation  
Lengths for Bridges Using  
Parallel Seismic Testing".  
ASCE Florida Section 2015.

Nelson, Jordan D. Ferraro,  
Christopher C. Algernon,  
Daniel. "The Application of  
Nondestructive Evaluation  
Techniques to Concrete with  
Internal Flaws". Structural  
Faults and Repair 2014.

Owing to a background in instrumentation, controls engineering, solid mechanics, and manufacturing, Jordan Nelson fills a unique role within geotechnical and construction engineering. He began his career in structural materials research for FDOT and moved into deep foundations quality assurance. He has extensive experience in static, bi-directional, and rapid foundation load testing as well as nondestructive integrity testing methods, geotechnical instrumentation, and environmental monitoring. His product development experience has allowed him to advance the art of these services and promote the industry at large.

### DISTRICTWIDE MATERIALS AND GEOTECHNICAL SERVICES – FDOT DISTRICT 7 Kisan Patel (863) 519-4200

Assistant project manager for the districtwide contract. Managed pavement evaluation task items, including sampling operations planning and MOT, reporting, and quality control. Performed downhole CCTV camera inspection of voids discovered below the interstate and assisted with emergency closure and repair.

### 8.5 SQUARE MILE AREA – MIAMI, FL / GEOSOLUTIONS / SFWMD – Dane Woo (724) 335-7273

Project engineer supporting verification coring of grout-repaired limestone formation, including CCTV camera inspection.

### I-4 ULTIMATE - ORLANDO, FL / SKANSKA-GRANITE-LANE JV / FDOT

Vibration Specialty Engineer and project manager for existing structure protection services. \$2.3B P3 project rebuilding 21 miles of Interstate 4 through metropolitan Orlando. Supported automated remote vibration monitoring equipment, performed structural surveys, and advised on vibration mitigation methods.

### SELMON EXPRESSWAY WEST EXTENSION – TAMPA, FL / KIEWIT / TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY

Project manager and senior engineer for load testing and internal foundation QC testing. 1.9-mile elevated tollway connecting Lee Roy Selmon Expressway to Gandy Bridge over Gandy Boulevard. Designed and performed four bi-directional load tests with a novel modular test frame design. Performed static load test on ACIP foundation for the segment walker towers. Oversaw crosshole sonic logging, thermal integrity profiling, and low-strain integrity testing on over 150 ACIP and drilled shaft foundation elements.

### DISTRICTWIDE UNKNOWN FOUNDATIONS AND SCOUR STUDY – FLORIDA DISTRICT 7 / TIERRA, INC / FDOT

Project engineer for unknown foundations testing. Evaluation of three bridges for scour and durability studies. Performed parallel seismic and low-strain integrity and evaluated in situ pile elevations and overall foundation integrity.

## **TAMPA INTERNATIONAL AIRPORT AUTOMATED PEOPLE MOVER AND RELATED BUILDINGS – TAMPA, FL / CASE ATLANTIC COMPANY / MALCOLM DRILLING CO / HILLSBOROUGH COUNTY AVIATION AUTHORITY**

Project manager and senior test engineer for foundation load tests and integrity testing. Expansion of TPA facilities, including an automated people mover, consolidated rental car center, expanded taxiway, and APM-served commercial space. Performed three bi-directional load tests on the people mover footprint and one in support of commercial building construction. Performed crosshole sonic logging and low-strain integrity tests on deep foundation elements

## **SEATTLE TACOMA INTERNATIONAL AIRPORT – INTERNATIONAL ARRIVALS FACILITY – SEATTLE, WA / MALCOLM DRILLING COMPANY / PORT OF SEATTLE**

Project engineer for a foundation load test. Construction of an iconic new facility for international arrivals, including a 900-foot-long, 85-foot-high ped bridge over an existing taxi lane. Designed modular load test assembly and oversaw off-site fabrication. Assisted with installation and performed a 12,000 kip load test on an expendable test shaft.

## **US-181 HARBOR BRIDGE – CORPUS CHRISTI, TX / FLATIRON-DRAGADOS JV / PORT OF CORPUS CHRISTI**

Senior project engineer for the foundation load test program. Replacement of the existing steel truss bridge with what will be the longest cable stay bridge in the US as part of a mile-long highway replacement. Performed thermal integrity profiling and bi-directional load testing for each pylon foundation with loads up to 15,000 kips.

## **HONOLULU LIGHT RAIL – HONOLULU, HI / KIEWIT / SHIMMICK TRAYLOR GRANITE JV / HONOLULU AUTHORITY FOR RAPID TRANSIT**

Project engineer for bi-directional load testing, integrity testing, and bottom cleanliness testing. A 20-mile elevated light railway serving Honolulu and the surrounding areas. Designed and performed bi-directional load tests for guideways and stations. Performed bottom cleanliness (Mini-SID) inspections and crosshole sonic logging tests for non-redundant drilled shafts.

## **WELLSBURG BRIDGE – WELLSBURG, WV TO BRILLIANT, OH / BRAYMAN / FLATIRON / WVDOT**

Project manager for drilled shaft load testing, quality control, and integrity testing. Unique tied-arch bridge design spanning the Ohio River to form a new crossing. Designed and oversaw the construction of bi-directional load testing assemblies. Oversaw crosshole sonic logging of large-diameter drilled shaft foundation elements. Modified and oversaw the use of a portable mechanical caliper for drilled shaft dimension and verticality testing.

## **VARIOUS FOUNDATION TESTING PROJECTS – KENNEDY SPACE CENTER / CCAFS**

Foundation test engineer and project manager for deep foundation load tests for the following projects at Kennedy Space Center / Cape Canaveral AFS

Launch Complex L-39a Improvements – subcontractor to I+Icon for improvements to the barge terminal serving the commercial lease of the launch facility. Instrumentation engineer for static load tests at the barge terminal

Launch Complex L-36 Improvements – subcontractor to Malcolm Drilling for bi-directional static load testing (BDSLTL) for the rebuilding of the launch complex for Blue Origin, specifically for the New Glenn rocket. Instrumentation engineer and quality control on the analysis of BDSLTL results

### **EXPERTISE:**

- product and intellectual property development
- mechanical systems design
- solid modeling and simulation
- complex project management
- construction safety
- non-destructive testing (NDT)
- deep foundations testing and quality control
- vibration monitoring and protection of existing structures
- thermal integrity profiling (TIP)
- low strain integrity testing (PIT)
- parallel seismic testing (PST)
- structural concrete NDT
- ground penetrating radar (GPR)
- sonic NDT methods
- data acquisition systems design
- software development
- electronics design and fabrication



# THAI NGUYEN, PhD, PE

CHIEF GEOTECHNICAL ENGINEER



Thai Nguyen has extensive knowledge in geotechnical engineering, specifically involving foundation systems for tunnels, bridges, buildings, dams, and other structures. Mr. Nguyen's technical experience in foundation testing includes Static Load Test (SLT), Dynamic Load Test (DLT), utilizing PDA, GPC, or EDC, Crosshole Sonic Logging (CSL), and Pile Integrity Tests (PIT). He is additionally skilled in engineering data management, soil structure interaction, earth retaining structures, slope stabilities, construction methodologies, ground improvement techniques, establishment and monitoring of geotechnical instrumentation, design of shallow and deep foundation systems, QA/QC during the installation of auger cast-displacement piles, drilled shafts, driven piles, and tie-down anchors, vibration monitoring programs, forensic engineering, and condition surveys for pre-and post-construction phases. He is often consulted by the State's Central office to support challenging projects due to his expertise during design and construction (CEI) and is an ideal partner for plan reviews

## EDUCATION:

Ph.D., 2018  
M.Sc., 2001  
University of Florida  
Gainesville, Florida, USA,

**EXPERIENCE: 29 YRS  
YRS AT H2R: 9**

## REGISTRATIONS:

Florida P.E. No. 66551, 2007  
Master PDA CAPWAP  
proficiency, 2012, 2014  
SmartPile EDC User No.  
020FL0046-13, 2011

## PUBLICATIONS:

"Strength Envelopes of Florida  
Carbonate Rocks near Ground  
Surface." *Author, ASCE Journal  
of Geotechnical and GE, 2019.*

"Case Studies of Rebounds on  
Long, Slender Piles." *Author,  
ASTM StressWave, 2018*

"Case Studies - Driving Concrete  
Piles in Florida Pinnacle  
Limestone." *Author, ASTM  
StressWave, 2018*

"Evaluation of Existing Deep  
Foundation Performance Using  
the FDOT Database to Improve  
Current Design Methodologies."  
*Contributor, FDOT 2005.*

"National Cooperative Highway  
Research Program Report 507:  
Load and Resistance Factor  
Design (LRFD) for Deep  
Foundations." *Contributor, TRB,  
2004.*

4 other ASCE, ARMA, and Rock  
Mechanics publications, 2018

## SOUTH OCEAN BRIDGE REPLACEMENT – FT LAUDERDALE, FL

The South Ocean Drive Bridge Replacement Project in Fort Lauderdale, Florida, involves the complete replacement of an aging bridge to enhance safety, functionality, and resilience. The project includes constructing a modernized bridge structure designed to meet current engineering standards, improve traffic flow, and accommodate pedestrian and cyclist access. Upgraded infrastructure and enhanced durability will ensure the bridge remains a vital transportation link for the local community and visitors in this coastal area.

## SW 136<sup>TH</sup> STREET OVER C100-A CANAL – FT LAUDERDALE, FL

The project consists of replacing the bridge currently spanning over the C-100A canal along SW 136 Street, within Miami-Dade County Commission Districts 7 and 8. The existing bridge, originally built in 1966 and classified as functionally obsolete, will be replaced with a new cast in-place concrete bridge that provides wider concrete sidewalks and shoulders on both sides, greatly enhancing pedestrian and bicycle features. The project also includes Pedestrian Railing "smart" lighting and improving the approach roadways by milling and resurfacing, shoulder widening, new pavement markings, and shoreline protection adjacent to the new bridge.

## I-395, I-95, SR836 RECONSTRUCTION, MIAMI-DADE COUNTY 2019 to current

CEI: The project initially started as a driven pile project. Mr. Nguyen was involved in 2019 in reviewing the DLT results of the driven piles in the preliminary phase. The Design-Built (DB) team decided that it was not feasible to drive piles to obtain the nominal bearing capacities and changed the design to 30-in and 36-in auger cast piles with depths typically 70 to 150 feet. Mr. Nguyen recently resumed reviewing the DB team's submittals on the following: auger cast pile length analyses, foundation certifications, drop hammer analyses, bi-directional load tests, and thermal integrity tests.

## NAVFC SE IDIQ WATERFRONT PROJECTS, FLORIDA AND GEORGIA, 2020 to current.

Design: Manage geotechnical scope of works for Indefinite Delivery Indefinite Quantity (IDIQ) contract for Multi-Discipline Architect-Engineer (AE) Services in Support of Waterfront Projects primarily in the Naval Facilities Engineering Systems Command (NAVFAC) South-East. The project includes various naval facilities in Georgia and Florida.

**SR-82/ PANTHER CREEK AND UNDER CANAL - 210106.003, Collier County 2025 to current.**

**ACROW BRIDGES – GEOTECHNICAL SUPPORT SERVICES – LIBERTY COUNTY, FL**

Dynamic Load Tests for steel pipe piles. CTQP pile driving inspection. FB-pier lateral loaded pile analyses for minimum tip requirements.

**SOUTH OCEAN BRIDGE REPLACEMENT- 240530.090, Broward County, 2025 to 2025.**

CEI: Dynamic Load Tests for ten (12) bridges using state-of-the-art GPC equipment. Production pile length and driving criteria recommendation.

FB-Pier Lateral Stability Analyses for Value Engineering Analyses for Contractor.

**NW 36TH STREET AND NW 43RD AVENUE - 200128.169, Broward County 2023-2024**

Design: Geotechnical review of the award-winning streetscape design project.

**NORRIS CUT TUNNEL, FORCE MAIN MATERIALS TESTING, MIAMI, FL, MIAMI-DADE COUNTY, WATER AND SEWER DEPARTMENT 2009 to 2012**

CMT: Senior Geotechnical Engineer for soil mix design and deep soil mixing execution, which is required to construct the tunnel boring machine exit pit at Fisher Island. Tasks for this phase of work include specialty geotechnical engineering and field services including soil-cement coring, laboratory testing, and other services including construction quality control, Robertson camera, and in-situ permeability testing.

**C-25 RESERVOIR AND STA – ST. LUCIE COUNTY FL, SFWMD**

Geotechnical Engineer responsible for the design of pumpstation, bridges, weirs, culverts, stilling wells, and retaining walls. The geotechnical analysis and design involved all relevant design aspects in charge of the geotechnical EOR including soil parameter recommendations, soil and rock strength determinations, groundwater and seepage evaluations, bearing and settlement analyses, retaining wall stability, and lateral/vertical pile analysis/design. The purpose of this project is to manage the water quantity, quality, timing, and distribution targets for the Indian River Lagoon watershed and St. Lucie Estuary. The project components of the overall C-25 R/STA include a reservoir storing 5,176 acre feet of water in an above ground impoundment and a Stormwater Treatment Area for providing water quality treatment. The reservoir is expected to capture runoff from the C-25 Basin. Stormwater runoff from the basin will be captured via the project's main pump station, located on the C-25 Canal and will store runoff in the reservoir and then be released into the STA for nutrient removal through plant uptake processes. The flows will then be released from the STA back to the C-25 Canal downstream of the District's S-99 gated spillway water control structure and then, eventually, into the IRL via the S-50 water control structure.

**S.R. 821 WIDENING FROM NORTH OF SW 72ND STREET TO NORTH OF SW 40TH STREET, MIAMI-DADE COUNTY, FL, FDOT, FLORIDA'S TURNPIKE ENTERPRISE.**

Design: Senior Geotechnical Engineer for this project in design, including 18-inch prestressed concrete piles and micropiles along with MSE and sound walls. Vibration and settlement have created issues with shallow foundation-supported bridges and certain nearby structures. Improvements include the widening of Homestead Extension of Florida's Turnpike to three general purpose lanes and two express lanes in each direction; replacing the mainline toll facilities with a new all-electronic toll; constructing a new northbound, two-lane exit ramp to Bird Road; removing an old bridge and constructing a new bridge; converting a two-lane frontage road with controlled access; and milling and resurfacing the highway.

CEI: Project Manager for this design-build project during the construction phase, providing dynamic pile testing services, cross-hole sonic logging, vibration monitoring, pile driving inspection, noisewall foundation inspection, roadway construction oversight, bridge construction oversight and drilled shaft inspection for tolling, signage, and miscellaneous structures.

**GEOTECHNICAL EXPLORATION AND ENGINEERING DESIGN AND ANALYSIS, VARIOUS CLIENTS, STATEWIDE, FL**

Project Engineer – 2009-2012. Responsible for subsurface exploration, data analyses, slope stability evaluations, geotechnical calculations for sheet piles, axial and lateral bearing estimates for driven piles, drilled shafts, or auger-cast piles, and embankment settlement estimates for the following: SR 60 Multi-purpose Trail, Pinellas and Hillsborough Counties; SR-60 Reconstruction, Hillsborough County; Keystone Road Widening, Pinellas County; Sunset Hills Elementary School Depression, Pinellas County School Administration; Fort Desoto Water Circulation Bridge, Pinellas County Board of County Commissioners; C.W. Bill Young Tampa Bay Reservoir, Tampa Bay Water, Hillsborough County; Parcel C, 14-story hotel at Miami Airport, Miami-Dade County; Veterans Affairs Land Acquisition, U.S. Department of Veterans Affairs, Leon County; I-75 over Luckett Road Bridge Widening and Related Structures, Lee County; Tara Boulevard Extension, Manatee County; Keystone Road Widening, Pinellas County; SR 21 Widening, Clay County; U.S. Route 41 Widening, Pasco County; Bridge Scour Evaluations, Various Counties. Motorola Self Support Towers, Highlands and Pinellas Counties. Force Main Pipe Reconstructions in the cities of Lakeland and Madeira Beach.

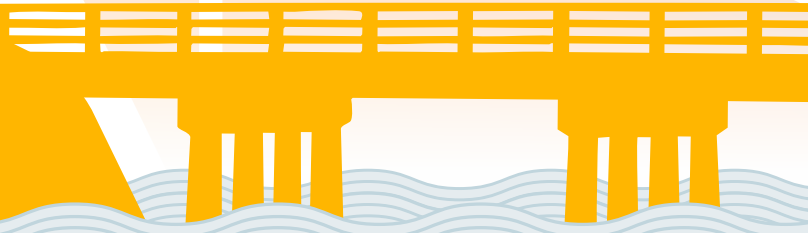
**FORT LAUDERDALE-HOLLYWOOD INTERNATIONAL AIRPORT RUNWAY 9R/27L EXTENSION, FORT LAUDERDALE, FL, OBROWARD COUNTY AVIATION DEPARTMENT.** Senior Geotechnical Engineer for design and construction of this design-build project, which included various airport improvements, including the Runway and Taxiway bridges. This design-build project featured the extension of the runway and taxiway to 8,000 feet, crossing over U.S. Route 1, Florida East Coast Railway, and Perimeter Road. The foundations for the bridges associated with this project include approximately 3000 driven piles. Other contract features included new ITS systems, MSE walls, and braided ramps for new ingress-egress. This project is a critical component of the Fort Lauderdale-Hollywood International Airport's expansion program, which is aimed to increase airport capacity, improve the air traffic system, and accommodate larger passenger aircraft.



# OFFICE LOCATIONS

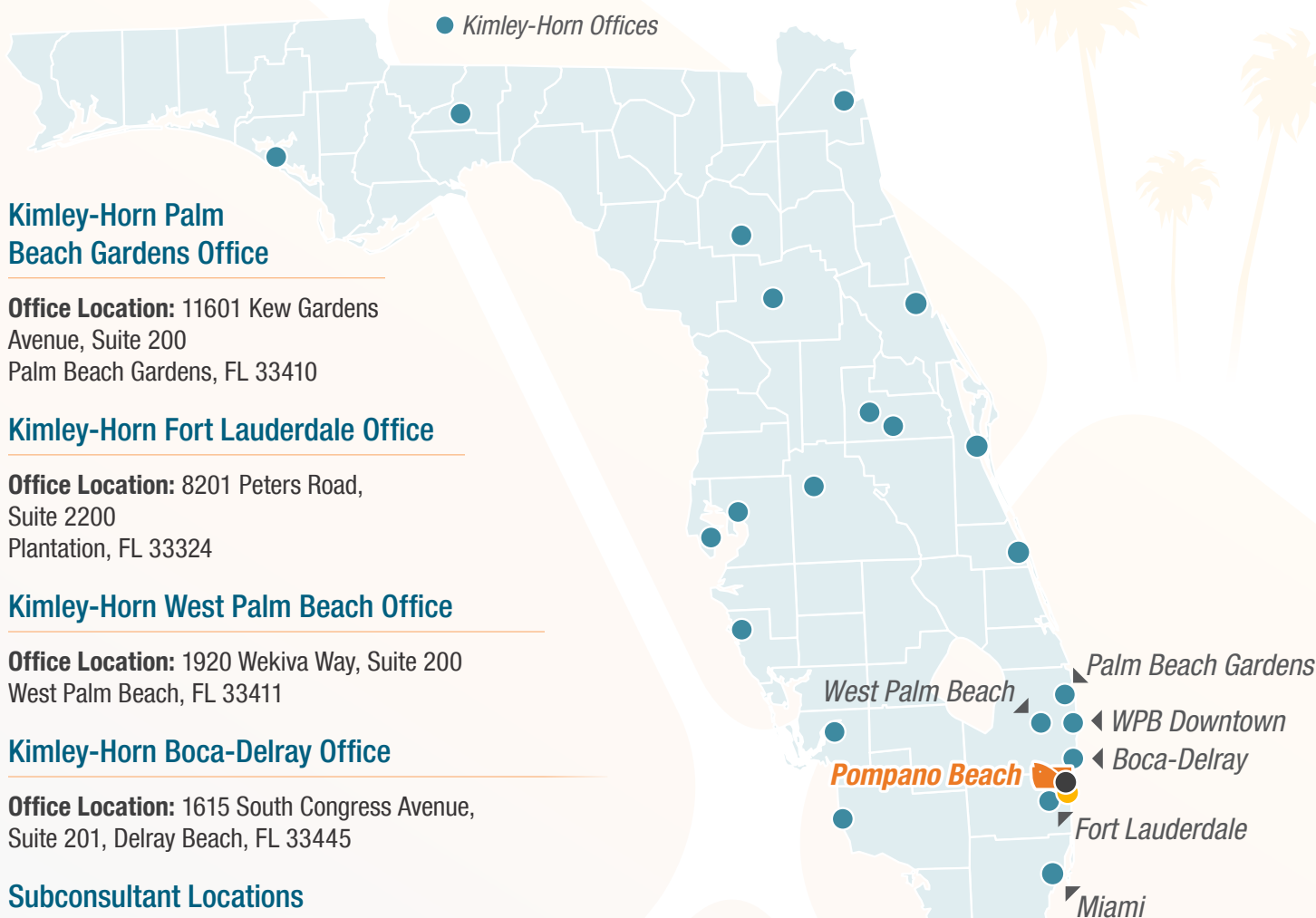


Proposal for **Continuing Contract for Professional Structural Engineering Services - GCNA**  
TRFLPBG012284 | December 29, 2025



## OFFICE LOCATIONS

Kimley-Horn's prime office is located in Palm Beach Gardens, only one hour away from the City's offices. Your project manager, Jamea Long, PE, will lead all engineering services for the Continuing Contract for Structural Engineering Services from this location. Our prime office is currently home to 44 employees, and team members selected for this effort work from this local office, as well as from our offices in Fort Lauderdale, West Palm Beach, and Boca-Delray. Additional Kimley-Horn employees may be called upon to support the project if necessary; Kimley-Horn has 1,681 professional and administrative staff in 22 offices across the state ready to assist the City on an as-needed basis.





# CITY FORMS



Proposal for **Continuing Contract for Professional Structural Engineering Services - GCNA**  
TRFLPBG012284 | December 29, 2025



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

**PROPOSER INFORMATION PAGE**

**RFP** 26-006, CONTINUING CONTRACT FOR PROFESSIONAL STRUCTURAL ENGINEERING SERVICES - CCNA  
\_\_\_\_\_  
(number) (RFP name)

To: The City of Pompano Beach, Florida

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

Proposal submitted by:

Name (printed) Jamea Long Title Vice President

Company (Legal Registered) Kimley-Horn and Associates, Inc.

Federal Tax Identification Number 56-0885615

Address 11601 Kew Gardens Ave., Suite 200

City/State/Zip Palm Beach Gardens, FL 33410

Telephone No. 561-840-0859 Fax No. N/A

Email Address Jamea.Long@kimley-horn.com

**Qualifications Of Bidders**

To demonstrate qualifications to perform the work, and to be considered for award, each bidder shall submit at least three (3) business customer references. Provide information for business customers for whom you have performed work of this nature which you list as references, excluding the City of Pompano Beach. (Use an attachment if necessary.)

1. Name and address of customer: City of Lighthouse Point  
2200 NE 38th Street, Lighthouse Point, FL 33064

Contact person name, telephone number and email address: James Finley, Operations Manager  
P: 954-868-4153 | E: jfinley@lighthousepoint.com

Description of services provided and date(s) of service: 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. 11/2022-2/2025

2. Name and address of customer: Palm Beach County  
301 N. Olive Avenue, West Palm Beach, FL 33401

Contact person name, telephone number and email address: Carlos Bojorge, PE  
Special Projects Section Manager | P: 561-684-4150 | E: CBojorge@pbc.gov

Description of services provided and date(s) of service: Kimley-Horn was contracted to assess  
and develop rehabilitation plans for the Torry Island Swing bridge. To help facilitate the repairs,  
a lead-based paint survey and existing steel metallurgical testing were conducted.

3. Name and address of customer: Palm Beach County  
301 N. Olive Avenue, West Palm Beach, FL 33401

Contact person name, telephone number and email address: Morton Rose  
Roadway Production Division Assistant Director | P: 561-684-4150 | E: MRose@pbcgov.org

Description of services provided and date(s) of service: The bridge will be a six-lane structure,  
featuring curbs, gutters, bike lanes, and sidewalks to accommodate various modes of transportation.

The design includes a four-span bridge structure, with considerations for the Turnpike's widening and canal relocation.

## TIER 1/TIER 2 COMPLIANCE FORM

**IN ORDER FOR YOUR FIRM TO COMPLY WITH THE CITY'S LOCAL BUSINESS PROGRAM AS A TIER 1 OR TIER 2 VENDOR, BIDDERS MUST COMPLETE THE INFORMATION BELOW AND UPLOAD THE FORM TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.**

### **TIER 1 LOCAL VENDOR**

\_\_\_\_\_ My firm has maintained a permanent place of business within the city limits and maintains a staffing level, within this local office, of at least 10 % who are residents of the City of Pompano Beach.

And/Or

\_\_\_\_\_ My firm has maintained a permanent place of business within the city limits and my submittal includes subcontracting commitments to Local Vendors Subcontractors for at least 10 % of the contract value.

Or

My firm does not qualify as a Tier 1 Vendor.

### **TIER 2 LOCAL VENDOR**

\_\_\_\_\_ My firm has maintained a permanent place of business within Broward County and maintains a staffing level, within this local office, of at least 15% who are residents of the City of Pompano Beach

And/Or

My firm has maintained a permanent place of business within Broward County and my submittal includes subcontracting commitments to Local Vendors Subcontractors for at least 20% of the contract value.

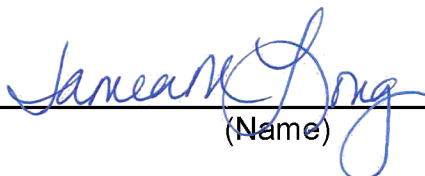
Or

\_\_\_\_\_ My firm does not qualify as a Tier 2 Vendor.

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

12/9/2025  
(Date)

Kimley-Horn and Associates, Inc.  
(Name of Firm)

BY:  Jamea Long  
(Name)

LOCAL BUSINESS EXHIBIT "A"  
 CITY OF POMPANO BEACH, FLORIDA  
 LOCAL BUSINESS PARTICIPATION FORM

Solicitation Number & Title: RLI 26-006 Continuing Contract for Professional Structural Engineering Services – CCNA

Prime Contractor's Name: Kimley-Horn and Associates, Inc.

Name of Firm, Address	Contact Person, Telephone Number	Type of Work to be Performed/Material to be Purchased	Contract Amount or %
KEITH and Associates, Inc., 301 E Atlantic Boulevard, Pompano Beach, FL 33060	Alex Lazowick, PE, PMP, ENV SP CEO/President   954-788-3400	Surveying, CEI, SUE, UC	20%

LOCAL BUSINESS EXHIBIT "A"

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

Solicitation Number RLI 26-006

TO: Kimley-Horn and Associates, Inc.  
(Name of Prime or General Bidder)

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

an individual

a corporation

a partnership

a joint venture

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

Surveying

Underground Utility

Utility Coordination

Construction and Engineering Inspection

at the following price: TBD

12/09/2025  
(Date)

KEITH and Associates, Inc.  
(Print Name of Local Business Contractor)

301 E Atlantic Boulevard  
(Street Address)

Pompano Beach, FL 33060  
(City, State Zip Code)

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

  
(Signature)

**IMPORTANT NOTE:** Signatures on this form MUST be by an authorized employee of Subcontractor and must be uploaded to the Response Attachment Tab

LOCAL BUSINESS EXHIBIT "B"

LOCAL BUSINESS  
UNAVAILABILITY FORM

BID # \_\_\_\_\_

I, **N/A** \_\_\_\_\_  
(Name and Title)

of \_\_\_\_\_, certify that on the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, I invited the following LOCAL BUSINESSES to bid work items to be performed in the City of Pompano Beach:

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

Said Local Businesses:

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

Name and Title: \_\_\_\_\_

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

Note: Attach additional documents as available.

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

BID # \_\_\_\_\_

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

N/A

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

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3. Did you send written notices to Local Businesses?

Yes       No

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

4. Did you advertise in local publications?

Yes       No

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

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

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

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

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

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LOCAL BUSINESS EXHIBIT "D" – Page 2

N/A

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# Request for Taxpayer Identification Number and Certification

Go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9) for instructions and the latest information.

**Give form to the  
 requester. Do not  
 send to the IRS.**

**Before you begin.** For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

<b>Print or type.</b> See <i>Specific Instructions</i> on page 3.	<b>1</b> Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.)	
	<b>Kimley-Horn and Associates, Inc.</b>	
	<b>2</b> Business name/disregarded entity name, if different from above.	
	<b>3a</b> Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only <b>one</b> of the following seven boxes.	
	<input type="checkbox"/> Individual/sole proprietor <input checked="" type="checkbox"/> C corporation <input type="checkbox"/> S corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) _____ <b>Note:</b> Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) _____	
	<b>4</b> Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):	
	Exempt payee code (if any) <b>5</b>  Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any) _____  <i>(Applies to accounts maintained outside the United States.)</i>	
<b>3b</b> If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions <input type="checkbox"/>		
<b>5</b> Address (number, street, and apt. or suite no.). See instructions.		
<b>421 Fayetteville Street, Suite 600</b>		
<b>6</b> City, state, and ZIP code		
<b>Raleigh, NC 27601</b>		
<b>7</b> List account number(s) here (optional)		
Requester's name and address (optional)		

## Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

<b>Social security number</b>									
<b>or</b>									
<b>Employer identification number</b>									
5	6	-	0	8	8	5	6	1	5

**Note:** If the account is in more than one name, see the instructions for line 1. See also *What Name and Number To Give the Requester* for guidelines on whose number to enter.

## Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

<b>Sign Here</b>	Signature of U.S. person	Date <b>7/1/2025</b>
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## General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9).

## What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

## Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they

must obtain your correct taxpayer identification number (TIN), which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid).
- Form 1099-DIV (dividends, including those from stocks or mutual funds).
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds).
- Form 1099-NEC (nonemployee compensation).
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers).
- Form 1099-S (proceeds from real estate transactions).
- Form 1099-K (merchant card and third-party network transactions).
- Form 1098 (home mortgage interest), 1098-E (student loan interest), and 1098-T (tuition).
- Form 1099-C (canceled debt).
- Form 1099-A (acquisition or abandonment of secured property).

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

**Caution:** If you don't return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding*, later.

**By signing the filled-out form**, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued);
2. Certify that you are not subject to backup withholding; or
3. Claim exemption from backup withholding if you are a U.S. exempt payee; and
4. Certify to your non-foreign status for purposes of withholding under chapter 3 or 4 of the Code (if applicable); and
5. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting is correct. See *What Is FATCA Reporting*, later, for further information.

**Note:** If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

**Definition of a U.S. person.** For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

**Establishing U.S. status for purposes of chapter 3 and chapter 4 withholding.** Payments made to foreign persons, including certain distributions, allocations of income, or transfers of sales proceeds, may be subject to withholding under chapter 3 or chapter 4 of the Code (sections 1441–1474). Under those rules, if a Form W-9 or other certification of non-foreign status has not been received, a withholding agent, transferee, or partnership (payor) generally applies presumption rules that may require the payor to withhold applicable tax from the recipient, owner, transferor, or partner (payee). See Pub. 515, *Withholding of Tax on Nonresident Aliens and Foreign Entities*.

The following persons must provide Form W-9 to the payor for purposes of establishing its non-foreign status.

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the disregarded entity.
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the grantor trust.
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust and not the beneficiaries of the trust.

See Pub. 515 for more information on providing a Form W-9 or a certification of non-foreign status to avoid withholding.

**Foreign person.** If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person (under Regulations section 1.1441-1(b)(2)(iv) or other applicable section for chapter 3 or 4 purposes), do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Pub. 515). If you are a qualified foreign pension fund under Regulations section 1.897(l)-1(d), or a partnership that is wholly owned by qualified foreign pension funds, that is treated as a non-foreign person for purposes of section 1445 withholding, do not use Form W-9. Instead, use Form W-8EXP (or other certification of non-foreign status).

**Nonresident alien who becomes a resident alien.** Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a saving clause. Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items.

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

**Example.** Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if their stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first Protocol) and is relying on this exception to claim an exemption from tax on their scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

## Backup Withholding

**What is backup withholding?** Persons making certain payments to you must under certain conditions withhold and pay to the IRS 24% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include, but are not limited to, interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third-party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

**Payments you receive will be subject to backup withholding if:**

1. You do not furnish your TIN to the requester;
2. You do not certify your TIN when required (see the instructions for Part II for details);
3. The IRS tells the requester that you furnished an incorrect TIN;
4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only); or
5. You do not certify to the requester that you are not subject to backup withholding, as described in item 4 under "*By signing the filled-out form*" above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code*, later, and the separate Instructions for the Requester of Form W-9 for more information.

See also *Establishing U.S. status for purposes of chapter 3 and chapter 4 withholding*, earlier.

## What Is FATCA Reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all U.S. account holders that are specified U.S. persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code*, later, and the Instructions for the Requester of Form W-9 for more information.

## Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you are no longer tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account, for example, if the grantor of a grantor trust dies.

## Penalties

**Failure to furnish TIN.** If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

**Civil penalty for false information with respect to withholding.** If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

**Criminal penalty for falsifying information.** Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

**Misuse of TINs.** If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

## Specific Instructions

### Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account (other than an account maintained by a foreign financial institution (FFI)), list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9. If you are providing Form W-9 to an FFI to document a joint account, each holder of the account that is a U.S. person must provide a Form W-9.

- **Individual.** Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

**Note for ITIN applicant:** Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040 you filed with your application.

- **Sole proprietor.** Enter your individual name as shown on your Form 1040 on line 1. Enter your business, trade, or “doing business as” (DBA) name on line 2.

- **Partnership, C corporation, S corporation, or LLC, other than a disregarded entity.** Enter the entity’s name as shown on the entity’s tax return on line 1 and any business, trade, or DBA name on line 2.

- **Other entities.** Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. Enter any business, trade, or DBA name on line 2.

- **Disregarded entity.** In general, a business entity that has a single owner, including an LLC, and is not a corporation, is disregarded as an entity separate from its owner (a disregarded entity). See Regulations section 301.7701-2(c)(2). A disregarded entity should check the appropriate box for the tax classification of its owner. Enter the owner’s name on line 1. The name of the owner entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For

example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner’s name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity’s name on line 2. If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

### Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, enter it on line 2.

### Line 3a

Check the appropriate box on line 3a for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box on line 3a.

IF the entity/individual on line 1 is a(n) . . .	THEN check the box for . . .
• Corporation	Corporation.
• Individual or • Sole proprietorship	Individual/sole proprietor.
• LLC classified as a partnership for U.S. federal tax purposes or • LLC that has filed Form 8832 or 2553 electing to be taxed as a corporation	Limited liability company and enter the appropriate tax classification: P = Partnership, C = C corporation, or S = S corporation.
• Partnership	Partnership.
• Trust/estate	Trust/estate.

### Line 3b

Check this box if you are a partnership (including an LLC classified as a partnership for U.S. federal tax purposes), trust, or estate that has any foreign partners, owners, or beneficiaries, and you are providing this form to a partnership, trust, or estate, in which you have an ownership interest. You must check the box on line 3b if you receive a Form W-8 (or documentary evidence) from any partner, owner, or beneficiary establishing foreign status or if you receive a Form W-9 from any partner, owner, or beneficiary that has checked the box on line 3b.

**Note:** A partnership that provides a Form W-9 and checks box 3b may be required to complete Schedules K-2 and K-3 (Form 1065). For more information, see the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

If you are required to complete line 3b but fail to do so, you may not receive the information necessary to file a correct information return with the IRS or furnish a correct payee statement to your partners or beneficiaries. See, for example, sections 6698, 6722, and 6724 for penalties that may apply.

### Line 4 Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space on line 4 any code(s) that may apply to you.

#### Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third-party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys’ fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space on line 4.

1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2).

- 2—The United States or any of its agencies or instrumentalities.
- 3—A state, the District of Columbia, a U.S. commonwealth or territory, or any of their political subdivisions or instrumentalities.
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities.
- 5—A corporation.
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or territory.
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission.
- 8—A real estate investment trust.
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940.
- 10—A common trust fund operated by a bank under section 584(a).
- 11—A financial institution as defined under section 581.
- 12—A middleman known in the investment community as a nominee or custodian.
- 13—A trust exempt from tax under section 664 or described in section 4947.

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
• Interest and dividend payments	All exempt payees except for 7.
• Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
• Barter exchange transactions and patronage dividends	Exempt payees 1 through 4.
• Payments over \$600 required to be reported and direct sales over \$5,000 <sup>1</sup>	Generally, exempt payees 1 through 5. <sup>2</sup>
• Payments made in settlement of payment card or third-party network transactions	Exempt payees 1 through 4.

<sup>1</sup> See Form 1099-MISC, Miscellaneous Information, and its instructions.

<sup>2</sup> However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

**Exemption from FATCA reporting code.** The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) entered on the line for a FATCA exemption code.

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37).

B—The United States or any of its agencies or instrumentalities.

C—A state, the District of Columbia, a U.S. commonwealth or territory, or any of their political subdivisions or instrumentalities.

D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i).

E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i).

F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state.

G—A real estate investment trust.

H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940.

I—A common trust fund as defined in section 584(a).

J—A bank as defined in section 581.

K—A broker.

L—A trust exempt from tax under section 664 or described in section 4947(a)(1).

M—A tax-exempt trust under a section 403(b) plan or section 457(g) plan.

**Note:** You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

### Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns. If this address differs from the one the requester already has on file, enter "NEW" at the top. If a new address is provided, there is still a chance the old address will be used until the payor changes your address in their records.

### Line 6

Enter your city, state, and ZIP code.

## Part I. Taxpayer Identification Number (TIN)

**Enter your TIN in the appropriate box.** If you are a resident alien and you do not have, and are not eligible to get, an SSN, your TIN is your IRS ITIN. Enter it in the entry space for the Social security number. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN.

If you are a single-member LLC that is disregarded as an entity separate from its owner, enter the owner's SSN (or EIN, if the owner has one). If the LLC is classified as a corporation or partnership, enter the entity's EIN.

**Note:** See *What Name and Number To Give the Requester*, later, for further clarification of name and TIN combinations.

**How to get a TIN.** If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at [www.SSA.gov](http://www.SSA.gov). You may also get this form by calling 800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at [www.irs.gov/EIN](http://www.irs.gov/EIN). Go to [www.irs.gov/Forms](http://www.irs.gov/Forms) to view, download, or print Form W-7 and/or Form SS-4. Or, you can go to [www.irs.gov/OrderForms](http://www.irs.gov/OrderForms) to place an order and have Form W-7 and/or Form SS-4 mailed to you within 15 business days.

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and enter "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, you will generally have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

**Note:** Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon. See also *Establishing U.S. status for purposes of chapter 3 and chapter 4 withholding*, earlier, for when you may instead be subject to withholding under chapter 3 or 4 of the Code.

**Caution:** A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

## Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if item 1, 4, or 5 below indicates otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee code*, earlier.

**Signature requirements.** Complete the certification as indicated in items 1 through 5 below.

**1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983.** You must give your correct TIN, but you do not have to sign the certification.

**2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983.** You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

**3. Real estate transactions.** You must sign the certification. You may cross out item 2 of the certification.

**4. Other payments.** You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third-party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

**5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), ABLE accounts (under section 529A), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions.** You must give your correct TIN, but you do not have to sign the certification.

## What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account) other than an account maintained by an FFI	The actual owner of the account or, if combined funds, the first individual on the account <sup>1</sup>
3. Two or more U.S. persons (joint account maintained by an FFI)	Each holder of the account
4. Custodial account of a minor (Uniform Gift to Minors Act)	The minor <sup>2</sup>
5. a. The usual revocable savings trust (grantor is also trustee)	The grantor-trustee <sup>1</sup>
b. So-called trust account that is not a legal or valid trust under state law	The actual owner <sup>1</sup>
6. Sole proprietorship or disregarded entity owned by an individual	The owner <sup>3</sup>
7. Grantor trust filing under Optional Filing Method 1 (see Regulations section 1.671-4(b)(2)(i)(A))**	The grantor*

For this type of account:	Give name and EIN of:
8. Disregarded entity not owned by an individual	The owner
9. A valid trust, estate, or pension trust	Legal entity <sup>4</sup>
10. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
11. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
12. Partnership or multi-member LLC	The partnership
13. A broker or registered nominee	The broker or nominee
14. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
15. Grantor trust filing Form 1041 or under the Optional Filing Method 2, requiring Form 1099 (see Regulations section 1.671-4(b)(2)(i)(B))**	The trust

<sup>1</sup> List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

<sup>2</sup> Circle the minor's name and furnish the minor's SSN.

<sup>3</sup> You must show your individual name on line 1, and enter your business or DBA name, if any, on line 2. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

<sup>4</sup> List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.)

\* **Note:** The grantor must also provide a Form W-9 to the trustee of the trust.

\*\* For more information on optional filing methods for grantor trusts, see the Instructions for Form 1041.

**Note:** If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

## Secure Your Tax Records From Identity Theft

Identity theft occurs when someone uses your personal information, such as your name, SSN, or other identifying information, without your permission to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax return preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity, or a questionable credit report, contact the IRS Identity Theft Hotline at 800-908-4490 or submit Form 14039.

For more information, see Pub. 5027, Identity Theft Information for Taxpayers.

Victims of identity theft who are experiencing economic harm or a systemic problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 877-777-4778 or TTY/TDD 800-829-4059.

**Protect yourself from suspicious emails or phishing schemes.**

Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to [phishing@irs.gov](mailto:phishing@irs.gov). You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 800-366-4484. You can forward suspicious emails to the Federal Trade Commission at [spam@uce.gov](mailto:spam@uce.gov) or report them at [www.ftc.gov/complaint](http://www.ftc.gov/complaint). You can contact the FTC at [www.ftc.gov/idtheft](http://www.ftc.gov/idtheft) or 877-IDTHEFT (877-438-4338). If you have been the victim of identity theft, see [www.IdentityTheft.gov](http://www.IdentityTheft.gov) and Pub. 5027.

Go to [www.irs.gov/IdentityTheft](http://www.irs.gov/IdentityTheft) to learn more about identity theft and how to reduce your risk.

## Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and territories for use in administering their laws. The information may also be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payors must generally withhold a percentage of taxable interest, dividends, and certain other payments to a payee who does not give a TIN to the payor. Certain penalties may also apply for providing false or fraudulent information.



# REVIEWED AND AUDITED FINANCIAL STATEMENTS



*Proposal for **Continuing Contract for Professional Structural Engineering Services - CCNA**  
TRFLPBG012284 | December 29, 2025*



## REVIEWED AND AUDITED FINANCIAL STATEMENTS

As requested, Kimley-Horn has uploaded its balance sheet, profit and loss statements, and cash flow report, along with two bank letters from the past three months, to the Other Attachments section of the Response Attachment tab in IonWave. This information is to remain confidential and is for the sole purpose of evaluating Kimley-Horn's financial condition in connection with current and future proposals for services. Any distribution of this information for any other purpose is prohibited.

*Proposal for **Continuing Contract for Professional Structural Engineering Services - GCNA**  
TRFLPBG012284 | December 29, 2025*



**Subject:**

**Request for Letters of Interest – 26-006  
Continuing Contract for Professional Structural Engineering Services – CCNA  
TRFLPBG012284**

11601 Kew Gardens Ave  
Suite 200  
Palm Beach Gardens, FL 33410  
Phone: 561-840-0859

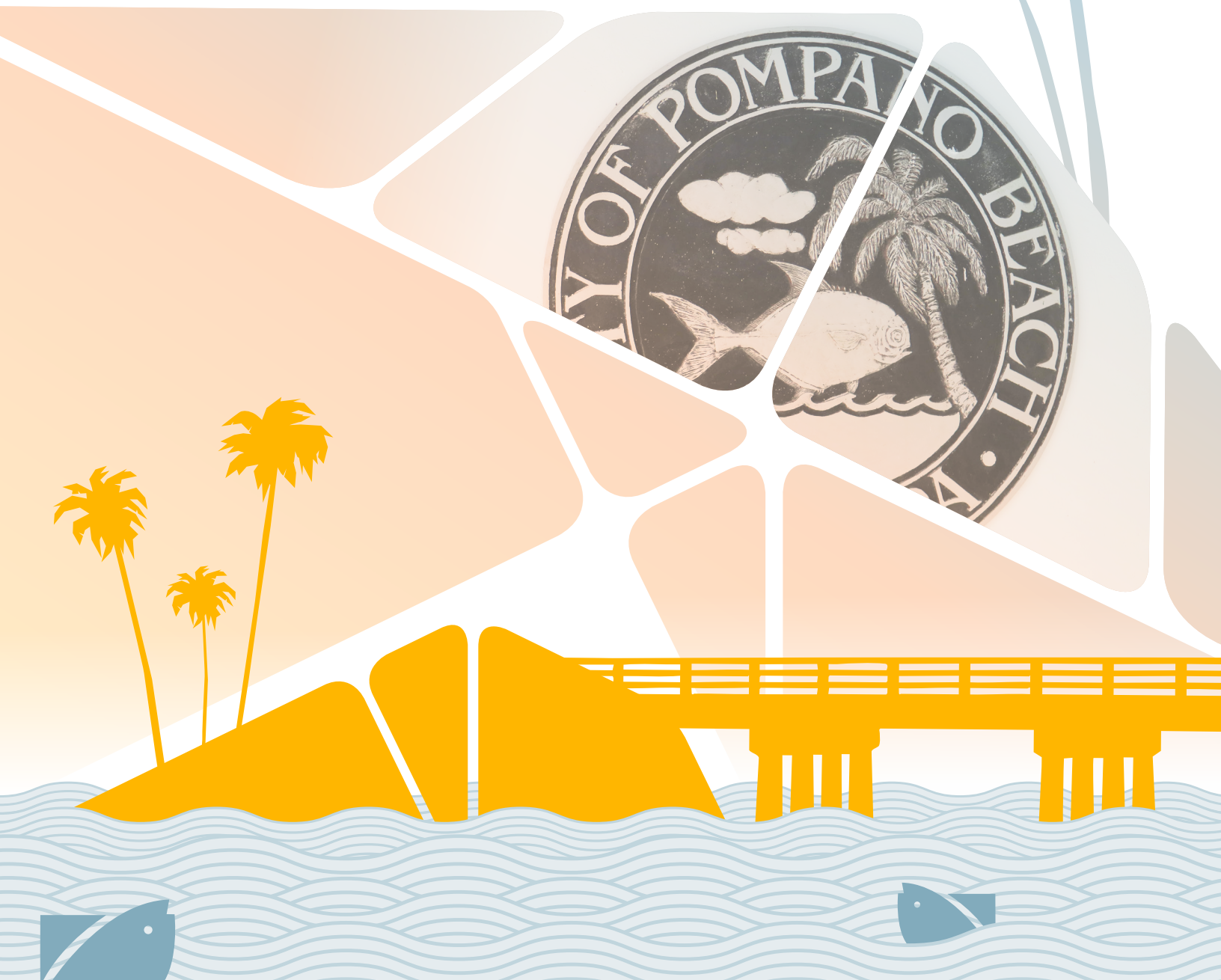
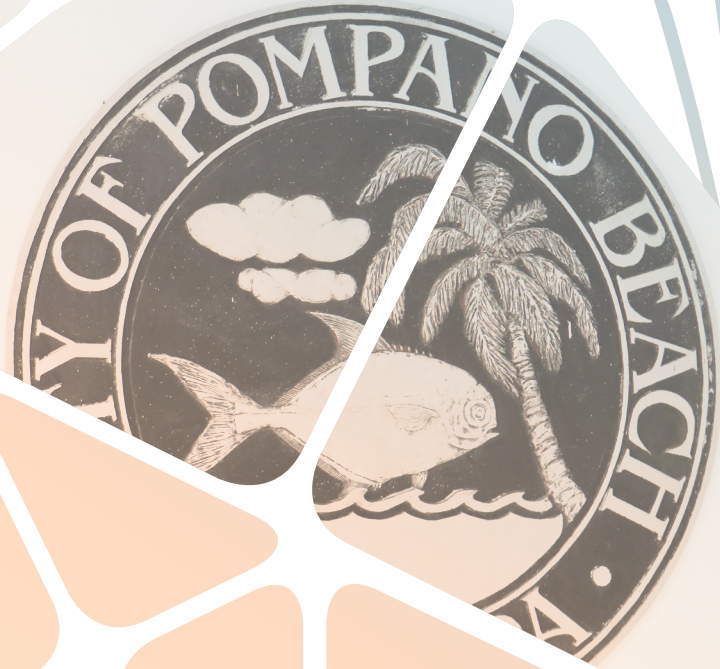
**JAMEA LONG, PE**

*jamea.long@kimley-horn.com*

**Kimley»Horn**

Expect More. Experience Better.

*December 29, 2025*



City of Pompano Beach

RLI26-006 Addendum 3 (Professional Structural Engineering Services)

Position Classification & Maximum Hourly Labor Rate Schedule

Prime /Firm Name	Kimley-Horn and Associates, Inc.
Position / Classification	Maximum Hourly Rate (\$)
Principal	\$410.00
Chief Engineer	\$345.00
Senior Project Manager	\$375.00
Senior Professional	\$335.00
Project Manager	\$274.00
Senior Engineer	\$275.00
Project Engineer	\$236.00
Engineer	\$198.00
Engineering Technician	\$171.00
Senior Planner	\$272.00
Planner	\$183.00
Intern	\$105.00
Grants Professional	\$236.00
Chief Environmental Scientist	\$301.00
Senior Environmental Scientist	\$231.00
Environmental Scientist	\$196.00
GIS Professional	\$262.00
GIS Analyst	\$183.00
Senior Designer	\$260.00
Designer	\$170.00
Senior Resident Project Representative	\$243.00
Resident Project Representative	\$185.00
Support Staff	\$135.00
Senior Landscape Architect	\$267.00
Licensed Landscape Architect	\$221.00
Landscape Designer	\$180.00
Senior Project Specialist	\$204.00
Project Specialist	\$175.00

City of Pompano Beach

RLI26-006 Addendum 3 (Professional Structural Engineering Services)

Position Classification & Maximum Hourly Labor Rate Schedule

Sub /Firm Name	H2R Corp
Position / Classification	Maximum Hourly Rate (\$)
Chief Geotechnical Engineer	\$240.00
Senior Geotechnical Engineer	\$210.00
Engineer	\$186.00
Engineer Intern	\$138.00
Senior Engineering Technician	\$210.00
Administration	\$90.00

City of Pompano Beach

RLI26-006 Addendum 3 (Professional Structural Engineering Services)

Position Classification & Maximum Hourly Labor Rate Schedule

Sub /Firm Name	KEITH and Associates, Inc.
Position / Classification	Maximum Hourly Rate (\$)
Project Executive	\$350.00
Project Manager	\$250.00
Project Controls Specialist	\$150.00
Administrative Assistant	\$125.00
Principal Engineer	\$280.00
Senior Engineer	\$230.00
Professional Engineer	\$200.00
Engineering Designer	\$165.00
Engineering Technician	\$135.00
Principal Landscape Architect	\$280.00
Senior Landscape Architect	\$230.00
Landscape Architect	\$200.00
Landscape Designer	\$165.00
Landscape Technician	\$135.00
Arborist	\$200.00
Planning Director	\$280.00
Planning Manager	\$230.00
Principal Planner	\$200.00
Planner	\$165.00
Planning Technician	\$135.00
Chief Utility Coordinator	\$230.00
Senior Utility Coordinator	\$200.00
Utility Coordinator	\$165.00
Utility Coordinator Technician	\$135.00
Construction Director	\$280.00
Senior Construction Manager	\$230.00
Construction Manager	\$200.00
Senior Inspector	\$180.00
Inspector	\$160.00

City of Pompano Beach

RLI26-006 Addendum 3 (Professional Structural Engineering Services)

Position Classification & Maximum Hourly Labor Rate Schedule

Sub /Firm Name	KEITH and Associates, Inc.
Position / Classification	Maximum Hourly Rate (\$)
Chief Surveyor	\$280.00
Senior Surveyor /SUE	\$230.00
Project Surveyor / SUE	\$200.00
Survey / SUE Analyst	\$165.00
Survey / SUE Technician	\$135.00
Survey UAS/LiDAR Crew	\$250.00
Survey Crew	\$235.00
Utility Designating Crew	\$225.00
SUE Crew	\$400.00
Vacuum Excavation	\$550/Ea.

City of Pompano Beach

RLI26-006 Addendum 3 (Professional Structural Engineering Services)

Position Classification & Maximum Hourly Labor Rate Schedule

Other Items	H2R Corp
Description	Maximum Rate (\$)
101-Aggregate Carbonates & Organic Matter FM 5-514	\$164.00
102-Aggregate Org. Impurities S& for Concrete AASHTO T21	\$89.00
104-Aggregate Sieve Anlsys of Fine & Coarse AASHTO T27	\$95.00
106-Aggregate Specific Gravity/Absorption Coarse AASHTO T85	\$134.00
209-Asphalt Pavement Coring - 4in dia with Base Depth Check	\$268.86
210-Asphalt Pvmnt. Coring - 4in dia without Base Depth Check	\$235.00
211-Asphalt Pavement Coring - 6in dia with Base Depth Check	\$367.50
212-Asphalt Pvmnt Coring - 6in dia without Base Depth Check	\$275.00
213-Asphalt Structural Panel (See Long Description)	\$756.25
300-Concrete Beam Flexural Testing ASTM C78	\$70.00
301-Concrete Compressive Strength of Grout\Mortar ASTM C109	\$41.40
302-Concrete Cylinder Curing, Capping & Breaking ASTM C39	\$55.00
303-Concrete Drilled Cores & Sawed Beams ASTM C42	\$83.53
305-Concrete Pavement Coring - 4in Dia	\$294.00
306-Concrete Pavement Coring - 6in Dia	\$325.00
401-Geo Auger Borings-H& & Truck/Mud Bug	\$15.50
402-Geo Auger Borings-Track	\$21.00
404-Geo Backhoe (Rental without labor)	\$900.00
406-Geo Barge (Rental without labor)	\$6,222.50
407-Geo Chainsaw (Owned)	\$157.50
408-Geo Concrete Pad & Cover for Monitoring Wells	\$463.50
409-Geo CPT Truck/Mud Bug 0-50 Ft	\$20.00
410-Geo CPT Truck/Mud Bug 50-100 Ft	\$21.00
411-Geo CPT Truck/Mud Bug 100-150 Ft	\$24.00
412-Geo CPT Truck/Mud Bug 150-200 Ft	\$30.45
413-Geo Crosshole Sonic Logging (CSL)*	\$200.00
415-Geo Double Ring Infiltration ASTM D3385	\$735.00
417-Geo Dozer (Rental without labor)	\$1,140.00
418-Geo Drill Crew Support Vehicle	\$300.00

City of Pompano Beach

RLI26-006 Addendum 3 (Professional Structural Engineering Services)

Position Classification & Maximum Hourly Labor Rate Schedule

Other Items	H2R Corp
Description	Maximum Rate (\$)
422-Geo Extra SPT Samples-Barge/Track/Amphib 0-50 Ft	\$95.00
423-Geo Extra SPT Samples-Barge/Track/Amphib 50-100 Ft	\$105.00
424-Geo Extra SPT Samples-Barge/Track/Amphib 100-150 Ft	\$134.55
425-Geo Extra SPT Samples-Barge/Track/Amphib 150-200 Ft	\$200.00
426-Geo Extra SPT Samples-Barge/Track/Amphib 200-250 Ft	\$232.88
427-Geo Extra SPT Samples-Truck/Mud Bug 0-50 Ft	\$80.00
428-Geo Extra SPT Samples-Truck/Mud Bug 50-100 Ft	\$85.00
429-Geo Extra SPT Samples-Truck/Mud Bug 100-150 Ft	\$105.00
430-Geo Extra SPT Samples-Truck/Mud Bug 150-200 Ft	\$133.90
431-Geo Extra SPT Samples-Truck/Mud Bug 200-250 Ft	\$155.00
432-Geo Field Perm 0-10 Ft Open-End Borehole Method	\$450.00
433-Geo Field Perm 10-25Ft Open-End Borehole Method	\$637.50
435-Geo Grout Boreholes- Barge/Track/Amphib 0-50 Ft	\$12.00
436-Geo Grout Boreholes- Barge/Track/Amphib 50-100 Ft	\$14.00
437-Geo Grout Boreholes- Barge/Track/Amphib 100-150 Ft	\$17.60
438-Geo Grout Boreholes- Barge/Track/Amphib 150-200 Ft	\$23.50
439-Geo Grout Boreholes- Barge/Track/Amphib 200-250 Ft	\$30.00
440-Geo Grout Boreholes- Truck/Mud Bug 0-50 Ft	\$8.50
441-Geo Grout Boreholes- Truck/Mud Bug 50-100 Ft	\$10.50
442-Geo Grout Boreholes- Truck/Mud Bug 100-150 Ft	\$13.65
443-Geo Grout Boreholes- Truck/Mud Bug 150-200 Ft	\$18.00
444-Geo Grout Boreholes- Truck/Mud Bug 200-250 Ft	\$24.00
445-Geo Grouted Monitor Well 2in 0-50 Ft	\$51.00
448-Geo Mini Shaft Inspection	\$575.00
449-Geo Noise Monitoring	\$258.37
450-Geo Piezometer 2in 0-50 Ft	\$55.90
451-Geo Pile Integrity Testing*	\$193.00

City of Pompano Beach

RLI26-006 Addendum 3 (Professional Structural Engineering Services)

Position Classification & Maximum Hourly Labor Rate Schedule

Other Items	H2R Corp
Description	Maximum Rate (\$)
452-Geo Rock Coring Brg/Track/Amph 0-50 Ft 4in ID & over	\$95.22
453-GeoRocCoring Brg/Track/Amp 0-50 Ft les than 4in ID	\$83.00
454-GeoRocCoring Brg/Track/Amph 50-100 Ft 4in ID & over	\$111.00
455-GeoRocCoring Brg/Track/Amp 50-100Ft les than 4in ID	\$90.00
456-GeoRocCoring Brg/Track/Amph 100-150 Ft 4in ID & over	\$148.00
457-GeoRocCoring Brg/Track/Amp 100-150Ft les than 4in ID	\$101.85
458-GeoRocCoring Brg/Track/Amph 150-200 Ft 4in ID & over	\$242.00
459-GeoRocCoring Brg/Track/Amp 150-200Ft les than 4in ID	\$117.60
460-GeoRocCoring Brg/Track/Amph 200-250 Ft 4in ID & over	\$302.50
461-GeoRocCoring Brg/Track/Amp 200-250Ft les than 4in ID	\$135.60
462-Geo Rock Coring Truck/Mud Bug 0-50 Ft 4in ID & over	\$79.67
463-GeoRocCoring Truck/MudBug 0-50 Ft less than 4in ID	\$58.00
464-Geo Rock Coring Truck/Mud Bug 50-100 Ft 4in ID over	\$86.25
465-GeoRocCoring Truck/MudBug 50-100 Ft les than 4in ID	\$63.00
466-GeoRocCoring Truck/MudBug 100-150 Ft 4in ID & over	\$100.56
467-GeoRocCoring Truck/MudBug 100-150 Ft les than 4in ID	\$80.00
468-GeoRocCoring Truck/MudBug 150-200 Ft 4in ID & over	\$120.27
469-GeoRocCoring Truck/MudBug 150-200 Ft les than 4in ID	\$90.00
470-GeoRocCoring Truck/MudBug 200-250 Ft 4in ID & over	\$171.41
471-GeoRocCoring Truck/MudBug 200-250 Ft les than 4in ID	\$90.00
472-Geo Saximeter Testing	\$195.00
473-Geo SPT Barge/Track/Amphib 0-50 Ft	\$34.00
474-Geo SPT Barge/Track/Amphib 50-100 Ft	\$39.90
475-Geo SPT Barge/Track/Amphib 100-150 Ft	\$59.85
476-Geo SPT Barge/Track/Amphib 150-200 Ft	\$80.85
477-Geo SPT Barge/Track/Amphib 200-250 Ft	\$97.00
478-Geo SPT Truck/Mud Bug 0-50 Ft	\$19.57

City of Pompano Beach

RLI26-006 Addendum 3 (Professional Structural Engineering Services)

Position Classification & Maximum Hourly Labor Rate Schedule

Other Items	H2R Corp
Description	Maximum Rate (\$)
479-Geo SPT Truck/Mud Bug 50-100 Ft	\$23.10
480-Geo SPT Truck/Mud Bug 100-150 Ft	\$39.90
481-Geo SPT Truck/Mud Bug 150-200 Ft	\$52.50
482-Geo SPT Truck/Mud Bug 200-250 Ft	\$65.10
483-Geo Temp Casing 3in Barge/Track/Amphib 0-50 Ft	\$18.50
484-Geo Temp Casing 3in Barge/Track/Amphib 50-100 Ft	\$23.50
485-Geo Temp Casing 3in Barge/Track/Amphib 100-150 Ft	\$30.25
486-Geo Temp Casing 3in Barge/Track/Amphib 150-200 Ft	\$36.00
487-Geo Temp Casing 3in Barge/Track/Amphib 200-250 Ft	\$42.50
488-Geo Temp Casing 3in Truck/Mud Bug 0-50 Ft	\$13.25
489-Geo Temp Casing 3in Truck/Mud Bug 50-100 Ft	\$16.50
490-Geo Temp Casing 3in Truck/Mud Bug 100-150 Ft	\$21.00
491-Geo Temp Casing 3in Truck/Mud Bug 150-200 Ft	\$25.50
492-Geo Temp Casing 3in Truck/Mud Bug 200-250 Ft	\$29.00
493-Geo Temp Casing 4in Barge/Track/Amphib 0-50 Ft	\$23.10
494-Geo Temp Casing 4in Barge/Track/Amphib 50-100 Ft	\$26.50
495-Geo Temp Casing 4in Barge/Track/Amphib 100-150 Ft	\$33.00
496-Geo Temp Casing 4in Barge/Track/Amphib 150-200 Ft	\$39.00
497-Geo Temp Casing 4in Barge/Track/Amphib 200-250 Ft	\$43.50
498-Geo Temp Casing 4in Truck/Mud Bug 0-50 Ft	\$15.50
499-Geo Temp Casing 4in Truck/Mud Bug 50-100 Ft	\$18.00
500-Geo Temp Casing 4in Truck/Mud Bug 100-150 Ft	\$24.00
501-Geo Temp Casing 4in Truck/Mud Bug 150-200 Ft	\$27.00
502-Geo Temp Casing 4in Truck/Mud Bug 200-250 Ft	\$30.00
503-Geo Temp Casing 6in Barge/Track/Amphib 150-200 Ft	\$56.38
504-Geo Temp Casing 6in Barge/Track/Amphib 200-250 Ft	\$78.65
505-Geo Temp Casing 6in Barge/Track/Amphib 0-50 Ft	\$28.00

City of Pompano Beach

RLI26-006 Addendum 3 (Professional Structural Engineering Services)

Position Classification & Maximum Hourly Labor Rate Schedule

Other Items	H2R Corp
Description	Maximum Rate (\$)
506-Geo Temp Casing 6in Barge/Track/Amphib 50-100 Ft	\$33.90
507-Geo Temp Casing 6in Barge/Track/Amphib 100-150 Ft	\$42.35
508-Geo Temp Casing 6in Truck/Mud Bug 0-50 Ft	\$18.37
509-Geo Temp Casing 6in Truck/Mud Bug 50-100 Ft	\$22.00
510-Geo Temp Casing 6in Truck/Mud Bug 100-150 Ft	\$27.83
511-Geo Temp Casing 6in Truck/Mud Bug 150-200 Ft	\$32.15
512-Geo Temp Casing 6in Truck/Mud Bug 200-250 Ft	\$39.93
514-Geo Truck/Mud Bug Mobil (30 miles straightline distance)	\$840.00
515-Geo Undisturbed Samples Barge/Track/Amphib 0-50 Ft	\$333.15
516-Geo Undisturbed Samples Barge/Track/Amphib 50-100Ft	\$365.00
517-Geo Undisturbed Samples Brg/Track/Amph 100-150 Ft	\$450.00
518-Geo Undisturbed Samples Brg/Track/Amph 150-200 Ft	\$520.00
519-Geo Undisturbed Samples Truck/Mud Bug 0-50 Ft	\$225.00
520-Geo Undisturbed Samples Truck/Mud Bug 50-100 Ft	\$260.00
521-Geo Undisturbed Samples Truck/Mud Bug 100-150 Ft	\$320.00
522-Geo Undisturbed Samples Truck/Mud Bug 150-200 Ft	\$365.65
523-Geo Noise Monitoring*	\$100.00
524-Geo Vibration Monitoring*	\$100.00
525-Geo Well Development	\$226.83
527-Goble Pile Check (GPC) Dynamic Load Testing*	\$500.00
531-Geo Truck/Mudbug Drill Rig and Crew (2-person)	\$315.00
532-Geo Truck/Mudbug Drill Rig and Crew (3-person)	\$397.50
533-Geo Track/Barge Drill Rig and Crew (2-person)	\$327.60
534-Geo Track/Barge Drill Rig and Crew (3-person)	\$484.00
539-Geo Wash Boring, 0-50 Ft	\$14.25
540-Geo Wash Boring, 50-100 Ft	\$17.00
541-Geo Wash Boring, 100-150 Ft	\$25.33

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Position Classification & Maximum Hourly Labor Rate Schedule

Other Items	H2R Corp
Description	Maximum Rate (\$)
542-Geo Wash Boring, 150-200 Ft	\$28.63
543-Geo Wash Boring, 200-250 Ft	\$36.30
600-Mobilization - Crosshole Sonic Logging (CSL) Equipment	\$500.00
601-Mobilization - Tugboat	\$4,000.00
602-Mobilization - Vibration Monitoring Equipment	\$399.00
603-Mobilization Asphalt Coring Equipment	\$515.00
604-Mob Barge Large w/o Crane (permit required)	\$16,761.90
605-Mob Barge Small w/o Crane (permit not required)	\$13,000.00
606-Mobilization Concrete Coring	\$510.00
607-Mobilization Cone Penetrometer Test Rig	\$1,968.75
608-Mobilization Drill Rig Amphibious	\$13,000.00
609-Mobilization Drill Rig Barge Mount	\$13,500.00
610-Mobilization Drill Rig Track Mount	\$3,800.00
611-Mobilization Drill Rig Trailer Mount	\$1,200.00
612-Mobilization Drill Rig Truck Mount	\$850.00
613-Mobilization Mini-Shaft Inspection Device	\$7,918.00
614-Mobilization Mudbug/All Terrain Vehicle	\$1,488.60
618-Mobilization Support Boat	\$725.00
619-Mobilization Tri-Pod	\$1,968.75
800-Soils Chloride Soil or Water FM 5-552	\$115.00
801-Soils 1-D Consolidation AASHTO T216 (more than 12 loads)	\$1,100.00
802-Soils 1-D Consolidation AASHTO T216 (up to 12 loads)	\$925.00
803-Soils Consolidation - Constant Strain ASTM D4186	\$925.00
804-Soils Consol-Extend Load Incrmnts AASHTO T216	\$291.50
805-Soils Corrosion Series FM 5-550 through 5-553	\$293.87
806-Soils Direct Shear Consolid Drained/ Point FM 3-D3080	\$472.50
807-Soils Field Vane Shear Test ASTM D2573	\$500.00

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Position Classification & Maximum Hourly Labor Rate Schedule

Other Items	H2R Corp
Description	Maximum Rate (\$)
808-Soils Flexible Wall Permeability ASTM D5084	\$630.00
809-Soils Hydrometer Only AASHTO T88	\$175.00
810-Soils Limerock Bearing Ratio (LBR) FM 5-515	\$524.70
811-Soils Liquid Limit AASHTO T89	\$80.00
812-Soils Materials Finer than 200 Sieve FM 1-T011	\$61.80
814-Soils Miniature Vane Shear Test ASTM D4648	\$39.00
817-Soils Moisture Content Laboratory AASHTO T265	\$33.50
818-Soils Moisture Content Microwave AASHTO D4643	\$23.30
819-Soils Organic Content Ignition FM 1 T-267	\$61.00
821-Soils Particle Size Anlys AASHTO T88 (Incl. Hydrometer)	\$250.00
822-Soils Particle Size Anlys AASHTO T88 (No Hydrometer)	\$98.00
823-Soils Permeability Constant Head AASHTO T215	\$459.90
824-Soils Permeability Falling Head FM 5-513	\$395.00
825-Soils pH Soil or Water FM 5-550	\$70.00
826-Soils Plastic Limit & Plasticity Index AASHTO T90	\$80.00
827-Soils Proctor Modified FM 1-T180	\$170.10
828-Soils Proctor Standard AASHTO T99	\$170.10
829-Soils Resistivity Soil or Water FM 5-551	\$73.00
831-Soils Specific Gravity AASHTO T100	\$105.00
832-Soils Split Tensile Strgth of Rock Cores ASTM D3967	\$195.00
833-Soils Sulfate Soil or Water FM 5-553	\$80.00
835-Soils Triaxl Consl-Drain (CD) Per Point\Cell ASTM D7181	\$787.50
836-Soils Tri Cnsl-Undrn (CU) Pt\Cell AASHTO T297/ASTM D4767	\$787.50
837-Soil Tri Uncl-Undrn (UU) Pt\Cell AASHTO T296/ASTM D2850	\$545.71
838-Soils Unconfined Compression - Rock ASTM D7012, Method C	\$250.00
839-Soils Unconfined Compress - Soil AASHTO T208/ASTM D2166	\$245.00