

# ORIGINAL

Engineering Services for  
**WATER TRANSMISSION MAIN**  
on San Mateo Drive from  
Price Blvd. to Hillsborough Blvd.  
RFP No. 2019-41

**Kimley»»Horn**

Expect More. Experience Better.





Engineering Services for  
**WATER TRANSMISSION MAIN**  
on San Mateo Drive from  
Price Blvd. to Hillsborough Blvd.  
RFP No. 2019-41

**City of North Port**  
**PROFESSIONAL ENGINEERING SERVICES FOR**  
**WATER TRANSMISSION MAIN**  
**ON SAN MATEO DRIVE FROM PRICE BOULEVARD TO**  
**HILLSBOROUGH BOULEVARD**

**Request for Proposal No. 2019-41**

**Kimley»»Horn**

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Sarasota, FL 34236  
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January 14, 2019

**Kimley»»Horn**

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Engineering Services for  
**WATER TRANSMISSION MAIN**  
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## Tab 1: Transmittal Letter

# Kimley»Horn

January 14, 2018

City of North Port  
Alla V. Skipper, CPPB, Sr. Contract Administrator  
4970 City Hall Boulevard, Suite 337  
North Port, Florida 34286

**RE: RFP No. 2019-41, Professional Engineering Services for Water Transmission Main on San Mateo Drive from Price Boulevard to Hillsborough Boulevard**

Dear Ms. Skipper and Members of the Selection Committee:

Kimley-Horn appreciates the opportunity to present our qualifications to City of North Port for Engineering Services for the Water Transmission Main on San Mateo Drive from Price Blvd. to Hillsborough Blvd. Kimley-Horn has more than 70 professionals within the State of Florida that specialize in water resources. Our expertise ranges from small diameter pipelines and rehabilitations in residential communities to large diameter pipelines with complex obstacles and a variety of trenchless technologies. Since 1991, we have had an office in Sarasota with a robust utility services practice and are familiar with the local permitting requirements, local contractors, and most importantly, the project corridor.

The team we have assembled for this project has several decades of combined experience with water transmission mains—most of these team members have been involved with multiple water transmission main projects over the past three years.

Last year, Kimley-Horn was selected by the City of North Port for the Water Transmission Main from Myakkahatchee Creek Water Treatment Plant to Ortiz Boulevard. This consists of the design, permitting and construction of 9,000 LF of 16-inch water transmission main. With the recent experience of this ongoing project the incorporation of this project would be a seamless transition with our design team. This experience will help expedite schedule and provide cost savings for the City.

Recently, we provided professional services for the City of Sarasota to rehabilitate and replace a water main and force main along Osprey Avenue between Bay Street and 10th Street. This was divided into two projects: Osprey Phase 2 and Osprey Phase 4. The Osprey Phase 2 project consisted of two internal phases of development and involved the installation of approximately 2,700 LF of 30-inch HDPE force main and 3,500 LF of 12-inch PVC water main. The Osprey Phase 4 project involved 2,550 LF of 30-inch HDPE force main and 2,570 LF of 12-inch PVC water main. Both projects were kicked off at the same time and Kimley-horn was able to provide 100% construction documents, including construction plans, technical specifications, bid forms, and opinions of cost within 6 months—a total of 11,320 LF of complex pipeline design. The route was very congested and extensive coordination with the utility companies and operations staff was required. The water main included replacing all the water services and coordinating with the Homeowners Associations. We also have the experience of water service replacements and homeowner coordination experience with the Emerald Harbor Project in Longboat Key and the Fairways of Capri and Seaboard Avenue water main extensions discussed in this proposal. Considering the length of water main associated with this project and the number of water services and homeowners along San Mateo Drive, experience like this will be critical for the success of the project.



We are also wrapping up our Sarasota County Peace River Interconnect project which includes 5 miles of 30-inch water main along residential and Florida Department of Transportation (FDOT) rights-of-way. This was another complex project that not only included miles of pipeline but also extensive easement coordination, U.S. Army Corp of Engineers (USACE) and FDOT permits, but also revisions to the pump station site, including new instrumentation and controls, chemical feed lines, and pipe penetrations to an existing CROM tank. This project is underway and anticipated to be complete by April.

With these projects complete, the timing of this project fits perfectly into our workload, as shown in our staff availability chart in Tab 5. With our extensive experience with local utility improvement projects, the City can rest assured that Kimley-Horn will complete this project on schedule and within budget. Our staff has been working with the City for several decades now and looks forward to continuing our relationship with you. I will be your point of contact for this project and will identify, establish, and ensure the project goals, scopes, budgets, and schedules that are consistent with the City's expectations. We pledge to focus not only on short-term solutions, but on continuing our long-term trusted advisor relationship with the City founded on expertise, respect, and teamwork.

Very truly yours,

**KIMLEY-HORN**

Ashley Miele, P.E.  
Project Manager/Lead Designer, Associate

***NOTE: This response is made without collusion with any other person or entity submitting a proposal pursuant to this RFP. For purposes of this proposal, all persons or entities named in this proposal are principals, as stated in RFP No. 2019-41.***



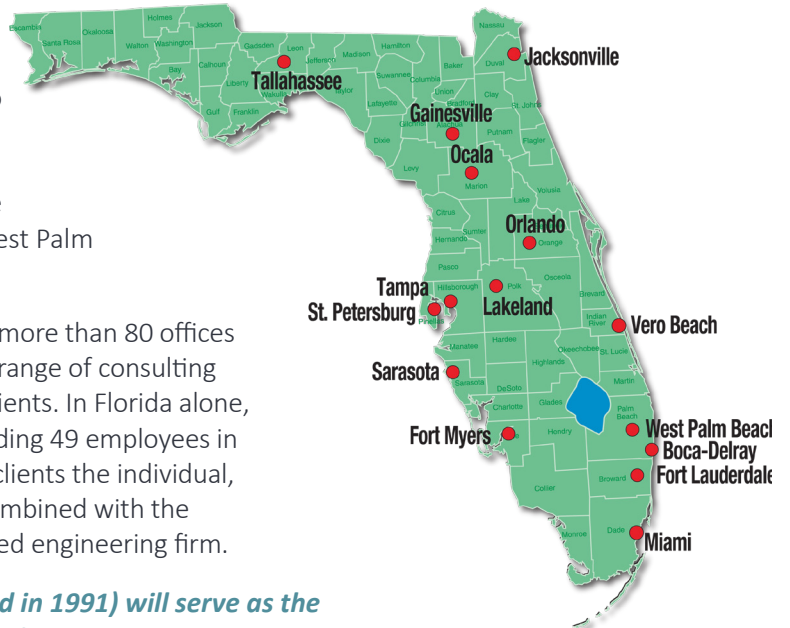
## Tab 2: Qualifications of the Firm

Kimley-Horn is a full-service, multidisciplinary consulting firm offering a broad range of planning, engineering, structural, and environmental services to public-and private-sector clients. We were founded in 1967 as a three-person transportation planning and traffic engineering firm in Raleigh, North Carolina. The following year, we opened our first Florida office in West Palm Beach to serve local utilities.

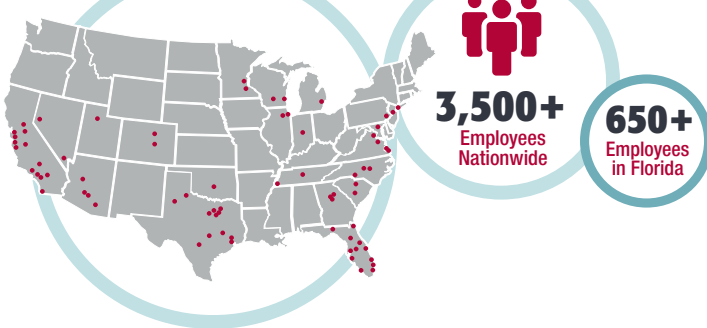
Today, Kimley-Horn has more than 3,500 employees in more than 80 offices across the United States and Puerto Rico offering a full range of consulting services to local, regional, national, and international clients. In Florida alone, there are more than 650 employees in 15 offices, including 49 employees in our downtown Sarasota office. Kimley-Horn offers our clients the individual, personal service they would expect from a local firm combined with the manpower and technical resources of a nationally-ranked engineering firm.

***Kimley-Horn's downtown Sarasota office (established in 1991) will serve as the primary office responsible for the actual production of the work related to this project to provide a strong local presence and maximize our local staff.***

From this location, we will work diligently; encouraging open communication to keep you informed about project activity and primary schedule achievements. We are committed to working as your partner, offering you the most effective level of communication to relay project issues, progress, and results that best serve your needs in a timely manner. We will work with the City to establish the schedule and scope of work, and serve in close proximity as the direct contact with City staff for the duration of the assignment.



### 80+ Offices Nationwide



**Our corporate structure.** Kimley-Horn is a privately-held corporation, fully owned by individuals who are current employees of the firm. Our employee owners are the sole stockholders of the company and are the professionals who directly serve our clients. The operations of the firm are not influenced by non-employee owners whose interests may conflict with client service. Since ownership is spread throughout key professionals, and no single individual or small group owns controlling interest of the firm, the company is positioned for long-term stability.

**Date of Incorporation:** February 10, 1967  
(incorporated in the State of North Carolina)  
**Federal Identification Number (FEIN):** 56-0885615  
**Corporate charter number:** 126896  
**Professional license number:** 00000696  
**Date authorized to do business in Florida:** April 24, 1968  
**Florida corporate charter number:** 821359





Kimley-Horn is recognized nationwide for the quality of its work environment, for its stature as a business enterprise, and for the outstanding work of its consulting staff. The firm's successful peer recognition has been accompanied by a commitment to providing responsive client service, pursuing continuous quality improvement, and operating as a business-based practice. Our clients benefit from the resources of a nationally-recognized organization while receiving the personal attention and response of a small dedicated professional team.

### ***Company Address and Contact Person***

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

1777 Main Street, Suite 200  
Sarasota, FL 34236  
Phone: 941.379.7600  
Fax: 561.863.8175  
www.kimley-horn.com

#### ***Contact Person:***

Ashley Miele, P.E., Project Manager/Lead Designer  
Phone: 941.379.7616  
Cell: 941.730.0783  
ashley.miele@kimley-horn.com

### **INDIVIDUAL AND PROFESSIONAL LICENSES**

Individual and professional licenses for Kimley-Horn and its subconsultants are provided in Tab 9.

### **MINORITY BUSINESS ENTERPRISE (MBE) PARTICIPATION**

Kimley-Horn has a company policy of meeting or exceeding our clients' stated minority business participation goals. Kimley-Horn is not a certified MBE firm, but through corporate policies and philosophy, the firm actively seeks to encourage and promote the use of MBE firms. We provide interested minority firms with the opportunity to serve as a subconsultant on our teams and throughout the year, actively seeking to increase and update our large database of qualified MBE firms to use on future projects. Our aggressive MBE utilization policy ensures that Kimley-Horn is furthering the positive economic development momentum that the State of Florida advocates through the use of MBE businesses by its contractors. In 2017, Kimley-Horn paid \$22.3 million to 176 MBE firms.

### **WHAT MAKES KIMLEY-HORN DIFFERENT**

Kimley-Horn has all the ingredients of a successful consulting firm—a proven record of client service, adaptability, versatility, and responsiveness. Kimley-Horn's approach gives our clients the best of both worlds—the resources of a large, nationally ranked firm and the personal attention and response of a small dedicated professional team. Our quality work environment and stable employee base has led to recognition with two major employer-of-choice awards. In 2018, Kimley-Horn was recognized as one of Fortune magazine's "100 Best Companies to Work For," marking our tenth appearance in the last 12 years; we ranked 10th this year. Also, we ranked 20th on Engineering News-Record's list of Top Design Firms. Much of our growth extends from the confidence and trust clients have in us. Kimley-Horn's long record of technical achievements is enhanced by our reputation for effective management and personal service. Our clients benefit from the resources of a nationally recognized organization while receiving the personal attention and response of a small dedicated professional team.

***Our experience working with the City of North Port spans decades*** and has allowed us to develop vital relationships with City staff and permitting agencies. With this keen understanding of the processes and expectations of these key players, we can be a valuable partner to you. The Kimley-Horn project team has worked on numerous projects for the City of North Port, including the Water Transmission Main from Mayakkahatchee Creek Water Treatment Plant to Ortiz Boulevard, Sumter Boulevard Widening, the Reclaimed Water Transmission Main Expansion, Paw Park, Skate Park,



## Professional Engineering Services for Water Transmission Main on San Mateo Drive from Price Boulevard to Hillsborough Boulevard ; RFP No. 2019-41

Water Control Structures 107 and 109 Retrofit, and the Rehabilitation of Water Control Structure 106. We now hope to expand our relationship with the City of North Port and provide services to the Utilities Department, as we have for neighboring municipalities for several decades.

Not only do we have the local technical background, but also offer our years of interaction with the City's procurement process, and knowledge of contract requirements and formats—which means we are ready to hit the ground running on your projects immediately.

Our project manager/lead designer, **Ashley Miele, P.E.**, is committed to exceeding your expectations on this assignment. She will work with the City to establish the schedule and scope of work, serving as the City's direct contact and lead designer for the duration of the project. Ashley offers the City over a decade of local pipeline design and permitting experience. She has a great understanding of the City's operations and has developed significant relationships there to help ensure this project meets the expectations and needs of the City.

Ashley will also coordinate with each of our subconsultant partners (listed below) to ensure that they adhere to Kimley-Horn's established policies and procedures and provide quality services.



**Hyatt Survey Services, Inc., Survey** – Hyatt Survey is a full-service surveying and mapping company with a professional staff with a combined 50 years of surveying experience. By specializing in surveying alone, the firm is better able to concentrate on the City's specific surveying needs without the outside distractions of other disciplines. From boundary, topographic, and right-of-way surveying to intricate geodetic, construction, and hydrographic/bathymetric surveying, the firm can fulfill all of the City's surveying requirements.

**Universal Engineering Sciences, Inc., Geotechnical** – Universal Engineering Sciences is recognized as one of the oldest and most distinguished professional engineering consulting firms in the State of Florida and the southeastern United States. The firm specializes in geotechnical engineering, subsurface exploration and environmental drilling, construction materials testing and threshold inspection, building/private provider inspection and plan review, geophysical services, and a wide range of environmental sciences. Universal has been providing its expanding service lines to clients throughout Florida and will provide geotechnical engineering services to the City of North Port on this contract.



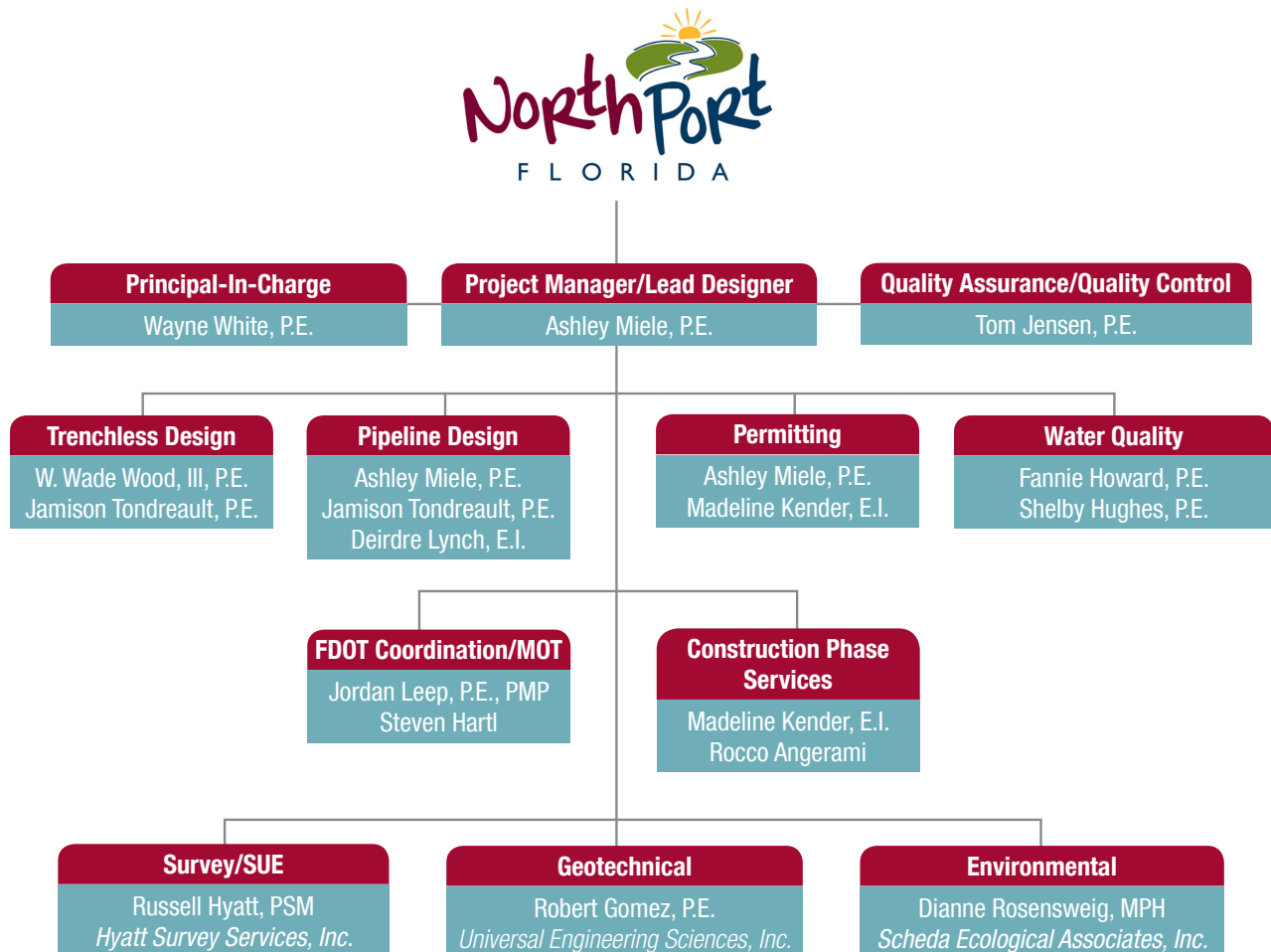
**Scheda Ecological Associates, Inc., Environmental** – Scheda has extensive experience in the feasibility and the Environmental Resource Permitting (ERP) of various FDOT, County, and City roadway projects throughout southwest Florida. Scheda approaches linear projects using a combination of preliminary GIS data collection and subsequent groundtruthing to verify the presence and extent of existing habitats and wildlife occurrences. Scheda's corporate history has focused on public projects and they have worked for many counties and municipalities throughout the State of Florida. Currently, the firm has multiple Utility General Services Contracts as a subconsultant with the following entities: Hillsborough County, Manatee County, Charlotte County, and the Town of Longboat Key.



## Tab 3: Key Personnel/Qualifications of the Project Team

As a firm, Kimley-Horn's culture emphasizes providing an environment for people to flourish—this includes offering a vast array of resources to assist in furthering career development, ensuring the firm remains successful for years to come. This investment in the continuing growth of all our employees has led to a uniquely supportive work environment and high employee retention rate. A quality firm culture and stable employee base greatly influences our ability to exceed client expectations, leading to our recognition in two major employer-of-choice awards: In 2018, Fortune Magazine ranked Kimley-Horn #10 on its list of "The 100 Best Companies to Work for." In addition, Engineering News-Record ranked Kimley-Horn #20 of the top 500 U.S. design firms.

Kimley-Horn's long record of technical achievements is enhanced not only by our reputation for effective management and personal service to our clients, but also the commitment to our employees' long-term happiness and success. Our project manager/lead designer **Ashley Miele, P.E.** has been with the firm for several years now and will be your main point of contact and the design engineer of record for this project. **We promise to commit Ashley and her team to this project and will not substitute her without the express permission of the City.** We are pleased to present the qualifications of Ashley and the selected project team that will offer the City the combination of relevant experience and the technical expertise they need to get this project completed within budget and on schedule. *Our project team organization chart is provided below.*





## KIMLEY-HORN KEY PROJECT TEAM MEMBER SUMMARIES

*Summaries of key Kimley-Horn project team members and subconsultants are provided below.*



### **Ashley Miele, P.E. — Project Manager/Lead Designer, Pipeline Design, Permitting**

Ashley is a senior project manager with more than 16 years of project design, project management, and construction management experience with water and wastewater engineering projects. Ashley's strengths are design and management of water and wastewater infrastructure, pumping systems, utility relocations, and permitting. She has comprehensive experience with permitting through agencies including FDEP, SWFWMD, FDOT, and ACOE. She has worked with several local municipalities by providing construction phase services, including contractor solicitation, bid analyses, management recommendations, site construction management, and quality control. She has extensive experience with large diameter pipelines, trenchless technologies, and hydraulic analyses, including water quality using software such as WaterGEMS and ArcGIS. Her key responsibilities include analysis, design, plan review, and permitting. Ashley has worked on a variety of water resources projects, including septic system replacement programs, force main evaluations, and design of water transmission and distribution systems. Ashley has a Bachelor of Science in Environmental Engineering from Roger Williams University. She is a registered Professional Engineer in Florida and is a member of the American Water Works Association (AWWA). Over the past three years Ashley has been the project manager and/or design engineer for over five large-diameter pipelines within the local area. Ashley is the best fit for this project and is ready to assist the City with its completion on time and within budget. ***Our project manager/lead designer Ashley Miele, P.E. will not be substituted without the permission of the City.***



### **Wayne White, P.E. — Principal-in-Charge**

Wayne is a senior water resources engineer with 25 years of experience specializing in water and wastewater pipeline design, wastewater treatment, pump stations, pump types (axial), WaterGEMS, SewerCAD, and construction observation. Wayne's experience includes the planning, design, permitting, and construction of reclaimed water, water, and wastewater collection, transmission, treatment, and disposal systems. Wayne has also prepared water and reclaimed water master plans that have included hydraulic modeling and forecasting of future flows utilized to secure state and federal funding for projects. Wayne has a Bachelor of Science in Civil and Environmental Engineering from the University of South Florida and is a registered Professional Engineer in Florida.



### **Tom Jensen, P.E. — Quality Assurance/Quality Control (QA/QC)**

Kimley-Horn's QA/QC advisor Tom Jensen, P.E. is a senior water resources engineer with 33 years of experience working as a water/wastewater consultant for municipal and private utilities throughout Florida. Tom has provided design and construction administration for a wide range of municipal infrastructure improvements. His design experience ranges from new facilities to rehabilitation of existing facilities to complete replacement of utility systems. Tom also has extensive experience with water quality, master planning, utility management, design, permitting, and construction administration. Tom will conduct QA/QC reviews at the end of each project phase to ensure that the project deliverable is not only technically correct, but also consistent with the project's objectives. Tom has a Bachelor of Science in Civil Engineering from the University of South Florida and is a registered Professional Engineer in Florida.



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### **William Wade Wood, III, P.E. – Trenchless Design**

With 16 years of experience, Wade's expertise involves the design and permitting of large diameter pipelines through heavily congested corridors and hydraulic modeling of pressurized systems. In addition, Wade has a thorough understanding of various installation methods, including open cut, directional drill, jack and bore, and pipe bursting. He has designed and managed numerous pump station and pipeline projects ranging from small scale to several million-dollar capital improvement projects. Wade has consistently provided design, permitting, and construction services for various water and wastewater transmission mains and treatment facility improvements in Manatee County since 2012. Wade has a Bachelor of Science in Environmental Engineering from the University of Central Florida and is a registered Professional Engineer in Florida. Wade currently leads Kimley-Horn's Florida Water Resources Group.



### **Jamison Tondreault, P.E. – Trenchless Design, Pipeline Design**

Jamison is a professional engineer with 7 years of experience involving the design of pipeline systems. His experience is primarily focused around trenchless design and serving as an expert in directional drill design with a comprehensive understanding of Vermeer's BoreAid software. He was also the project engineer for the design of over one mile of 60-inch force main in Miami Dade. Jamison is on the FWEA committee for collection systems and has contributed to development and presentation of numerous workshops. His software skills include AutoCAD, ArcGIS 10 and 9.3, ArcFM, WaterGEMS, and Infowater. Jamison earned his Bachelor of Science in Civil and Environmental Engineering from the University of South Florida and is a registered Professional Engineer in Florida.



### **Fannie Howard, P.E. – Water Quality**

Fannie has 14 years of utility and water resources engineering experience, including geographic information systems (GIS), water distribution, and wastewater collection. She is extremely qualified in the areas of water quality, water age, and hydraulic modeling and analysis of piping systems. Fannie has provided analysis of hydraulic models for reclaimed water, potable water, and wastewater collection and distribution systems. Her experience includes ICPR, WaterGEMS, WaterCAD, and Hydranautics (IMS design software programs). Fannie served as project analyst responsible for developing, calibrating, and analyzing the hydraulic model used to evaluate water quality concerns and unidirectional flushing. Fannie was a project analyst using GIS and WaterGEMS to model the entire Martin County Utilities water distribution system, including the water treatment facilities, repump facilities, and distribution infrastructure. Fannie has a Bachelor of Science in Chemical Engineering from the University of Florida and a Master of Science in Environmental Engineering from the University of South Florida. Fannie is also a Professional Engineer in Florida and a member of the Florida Engineering Society.



### **Shelby Hughes, P.E. – Water Quality**

Shelby is a water resources engineer with 5 years of experience involving water and wastewater utility projects. Shelby's experience includes planning, design, permitting, and construction of water and wastewater collection, transmission, and treatment systems. Her project experience includes the use of programs such as WaterCAD, WaterGEMS, SewerCAD, SewerGEMS, and InfoWorks for hydraulic modeling to analyze pressurized piping system, evaluate water quality, study sanitary sewer capacities, prepare water and wastewater master plans, and provide force main assessments. Shelby holds board positions at the regional and state level for the Florida Section AWWA (FSAWWA), including the 2018 and 2017 Young Professional Vice-Chairs Award for Excellence for Distinguished Service and the 2016 Young Professional of the Year. Shelby is also



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National Association of Sewer Service Companies (NAASCO) certified in the pipeline assessment and certification program and lateral assessment and certification program (PACP/MACP/LACP). In addition, Shelby's experience and achievements were highlighted in the September 2018 Florida Water Resources Journal (FWRJ) Reader Profile. Shelby has a Bachelor of Science in Civil Engineering from the University of Florida and a registered Professional Engineer in the State of Florida.



### **Madeline Kender, E.I. – Permitting, Construction Phase Services**

Madeline is a civil analyst specializing in water and wastewater engineering with over 3 years of experience. She has working knowledge of AutoCAD, WaterGEMS, SewerCAD, ArcGIS, and Bore Aid. Her specific project experience involves large diameter pipelines, wastewater treatment plant design and pump selection, as well as permitting and construction phase services. Madeline is also National Association of Sewer Service Companies (NAASCO) certified in the pipeline assessment and certification program and lateral assessment and certification program (PACP/MACP/LACP). In addition to her water and wastewater experience with Kimley-Horn, she has experience in the public sector and can relate to local municipalities' operations and maintenance concerns. Madeline earned her Bachelor of Science in Civil Engineering from the University of South Florida and is a registered Engineer-in-Training in Florida. She is an active member of the American Society of Civil Engineers, the American Water Works Association, and the Water Environment Federation. Madeline received the 2018 Young Engineer of the Year award from ASCE.



### **Deirdre Lynch, E.I. – Pipeline Design**

Deirdre is a civil analyst with over 2 years of experience and specializes in water and wastewater infrastructure systems. She has worked on several large diameter pipelines, master plans, wastewater treatment plants, and water and wastewater rehabilitations. She has extensive experience in hydraulic modeling, including water quality and water age analysis, AutoCAD, and computer programming. Deirdre has been involved with every aspect of a project from design and permitting to construction phase services. Deirdre has a Bachelor of Science in Civil Engineering from the University of Florida and is an Engineering Intern in Florida. She is also a member of the American Society of Civil Engineers, American Water Works Association, and Water Environment Federation.



### **Rocco Angerami – Construction Phase Services**

Rocco has more than 35 years of experience in the engineering and construction industry. He has performed as both the project manager and design engineer for the construction and design of multiple pipeline, roadway, and heavy infrastructure projects. Rocco successfully operated his own construction company specializing in the installation of horizontal directional boring for sleeves and conduits up to 24 inches in diameter. As an owner and operator, he has the experience and knowledge to incorporate value engineering into everyday construction applications to perform at the most cost-effective level attainable. Rocco received his Bachelor in Civil Engineering from Rochester Institute of Technology in Rochester, New York.



## SUBCONSULTANT KEY PROJECT TEAM MEMBER SUMMARIES



### **Russell Hyatt, PSM, Hyatt Survey, Inc. – Survey/SUE**

As Vice President of Hyatt Survey Services, Inc., Russell's duties include local, state, and federal contract administration and overall quality control. In addition to his administrative duties, Russell is responsible for the production of boundary, hydrographic, and topographic surveys. He couples over 28 years of surveying experience with a four-year degree in Surveying and Mapping. His project experience has included commercial/municipal development surveys and geodetic surveys and beach/channel/port hydrographic surveys. Russell has extensive experience providing survey services to local, state, and federal agencies such as the Pinellas, Hillsborough, Manatee, Sarasota, and Charlotte counties; Florida Department of Transportation; Florida Department of Environmental Protection; and the U.S. Army Corps of Engineers Jacksonville District.



### **Robert Gomez, P.E., Universal Engineering Sciences, Inc. – Geotechnical**

Robert is a geotechnical engineer with 23 years of experience, 16 of those years with Universal Engineering Sciences, Inc. Robert's projects for Sarasota County include serving as geotechnical engineer on the Myrtle Street Utility Relocation, 1st Street Improvements, and Honore Avenue and Richardson Road Roundabout Design. Robert has a Bachelor of Civil Engineering in Geotechnical Services and is a Professional Engineer in Florida.



### **Dianne Rosenweig, MPH, Scheda Ecological Associates, Inc. – Environmental**

As a scientist for more than 30 years, Dianne has extensive experience in managing and conducting biological assessments and related studies. These efforts have involved a wide variety of environmental projects in both the public and private sectors. She has conducted biological assessments related to modification of marine, estuarine, and freshwater wetland environments; assisted in the development of alternatives to minimize wetland impacts; and assisted with the preparation of numerous federal, state, and county environmental permits. Specifically, she has supervised projects requiring the field identification of biological communities, endangered species, flora and fauna, and their ecological interactions. Dianne is extremely proficient in the classification of wetlands and establishing wetland jurisdictional boundaries, as well as all phases of habitat restoration projects, including planning, design, permitting, construction, planting, and monitoring. Dianne is currently serving on Sarasota County's Coastal Advisory Committee that entails providing recommendations to the Board of County Commissioners on matters related to coastal issues.

## PROJECT TEAM RESUMES

Project team resumes for Kimley-Horn and our subconsultants are provided on the following pages.

# Ashley M. Miele, P.E.

*Project Manager/Lead Designer, Pipeline Design, Permitting*



## RELEVANT EXPERIENCE

**Osprey Avenue Phase II Utilities and Roadway Improvements, Sarasota, FL**  
Project engineer. The City of Sarasota hired Kimley-Horn to evaluate and perform utility and roadway design services on a half-mile downtown corridor extending from an historic residential neighborhood to the south, while the northern end extends into a commercial business district. This ongoing project includes the replacement of two aged asbestos cement (AC) pipelines (10-inch and 18-inch), which are being used for a water main and a force main (respectively). A new 16-inch water main and a new 24-inch force main will be installed (along with new curbing, sidewalks, and pavement), while maintaining existing tree canopies that include a “Grand Oak Tree,” requiring special protection. The project has been initiated with a Basis of Design Report (BODR) evaluation where we recommend a project layout and approach that best maintains the community and commerce within this residential/commercial neighborhood throughout the duration of this project life.

**Peace River Interconnect and Potable Water Transmission Main, Sarasota County, FL** — The Kimley-Horn team was selected to provide design and construction phase services for 5 miles of 30-inch and 36-inch potable water transmission main that connects to the termination point of Phase 3B and runs west along Clark Road and northwest along Proctor Road to Pump Station Number 5. The route includes various wetlands; critical crossings such as Cow Pen Slough, Philippi Creek, and Interstate I-75; and schools, churches, and an FPL transmission station. The pipeline will be constructed with a combination of construction methodologies, including open trench, horizontal directional drill, and jack and bore. The Kimley-Horn team is currently under design with the project and ahead of schedule and budget. Anticipated construction start time is 2019.

**Lakewood Ranch Blvd. 16-inch Water Main Extension, Sarasota, FL** — Project manager. Kimley-Horn is providing design services for the extension of Lakewood Ranch Boulevard from the southern village boundary to Fruitville Road. The roadway will be constructed as a four-lane divided closed drainage roadway, including bicycle lanes and sidewalks and impacts several utilities within the corridor. Kimley-Horn prepared the utility construction plans for the following improvements: installation of approximately 3,000 feet of 16-inch water main extension from an existing 24-inch water main on Fruitville Road stub out, located at STA 129+50 and extend a 16-inch water main east along Richardson Road just outside of the proposed pavement and roundabout; installation of approximately 650 feet of 16-inch force main from the Fruitville Master Lift Station north to the existing 18-inch force main that discharges from the Fruitville Wastewater Treatment Facility (WWTF); and installation of 1,500 feet of 10-inch gravity sewer mains relocation of approximately 100 feet of 8-inch force main and rehabilitation services at the Fruitville Master Lift Station.

## Special Qualifications

- Senior project manager with more than 16 years of experience
- Extensive experience with water/wastewater transmission and pump station design
- In depth awareness and understanding of the design of distribution, collection, and transmission system
- Experience with the design, construction, and troubleshooting of vacuum sewer systems
- Project responsibilities include analysis, design, and plan review for a variety of water resources projects, including septic system projects, force main evaluation projects, and water transmission and distribution systems

## Professional Credentials

- Bachelor of Science, Environmental Engineering, Roger Williams University, Bristol, RI
- Professional Engineer in Florida
- WaterCAD Certification
- American Society of Civil Engineers
- American Water Works Association
- Water Environment Federation
- Women’s Business Enterprise National Council

# Wayne E. White, P.E.

*Principal-in-Charge*



## RELEVANT EXPERIENCE

**Reclaimed Water Transmission Main Expansion, North Port, FL** — Project engineer. Kimley-Horn provided full engineering services for the design and construction of a four-mile reclaimed water main expansion project within the City of North Port. The project consisted of approximately 23,000 linear feet of reclaimed water main extending from the wastewater treatment plant (WWTP) to the intersection of Price Boulevard and Sumter Boulevard. The project was jointly funded by the Southwest Florida Water Management District (SWFWMD) through a grant. Services for this project included: design, permitting, construction phase services, assistance with preparation of service agreements, and compilation of as-built information into a geographic information system (GIS) format required by the SWFWMD. The project also included numerous permits and coordination with multiple agencies.

**Osprey Avenue Phase II Utilities and Roadway Improvements, Sarasota, FL** Project engineer. The City of Sarasota hired Kimley-Horn to evaluate and perform utility and roadway design services on a half-mile downtown corridor extending from an historic residential neighborhood to the south, while the northern end extends into a commercial business district. This ongoing project includes the replacement of two aged asbestos cement (AC) pipelines (10-inch and 18-inch), which are being used for a water main and a force main (respectively). A new 16-inch water main and a new 24-inch force main will be installed (along with new curbing, sidewalks, and pavement), while maintaining existing tree canopies that include a "Grand Oak Tree," requiring special protection. The project has been initiated with a Basis of Design Report (BODR) evaluation where we recommend a project layout and approach that best maintains the community and commerce within this residential/commercial neighborhood throughout the duration of this project life.

**Peace River Interconnect and Potable Water Transmission Main, Sarasota County, FL** — Project engineer. The Kimley-Horn team was selected to provide design and construction phase services for 5 miles of 30-inch and 36-inch potable water transmission main that connects to the termination point of Phase 3B and runs west along Clark Road and northwest along Proctor Road to Pump Station Number 5. The route includes various wetlands; critical crossings such as Cow Pen Slough, Philippi Creek, and Interstate I-75; and schools, churches, and an FPL transmission station. The pipeline will be constructed with a combination of construction methodologies, including open trench, horizontal directional drill, and jack and bore. The Kimley-Horn team is currently under design with the project and ahead of schedule and budget. Anticipated construction start time is 2019.

## Special Qualifications

- Senior water resources engineer with more than 25 years of experience serving municipal clients throughout Florida
- Specializes in wastewater treatment, water and wastewater pipeline design, pump stations, WaterCAD, SewerCAD, and construction observation
- Experience includes the planning, design, permitting, and construction of water, wastewater, and reclaimed water collection, transmission, treatment, and disposal systems
- Has also prepared water and reclaimed water master plans that have included hydraulic modeling and forecasting of future flows used to secure state and federal funding for projects
- Prior to graduation from college, worked at building, installing, and start-up of pump control systems used in water and wastewater systems throughout Florida

## Professional Credentials

- Bachelor of Civil Engineering, Civil and Environmental Engineering, University of South Florida
- Professional Engineer in Florida
- American Water Works Association
- Florida Engineering Society
- Water Environment Federation

# Thomas C. Jensen, P.E.

QA/QC



## RELEVANT EXPERIENCE

### **30-inch Transmission Main Across Central Boulevard Water Main**

**Crossing, Jupiter, FL** — Project engineer. This project involved the design and construction of a new 30-inch water transmission main across Central Boulevard between Jupiter Gardens Boulevard and Jupiter Park Drive to connect the 24-inch water transmission mains on the east and west sides of Central Boulevard. Previously, the two 24-inch water transmission mains were connected with a 22-inch HDPE water transmission main which limited the pumping capacity of the North and South Central Boulevard High-Service Pump Stations. The addition of the 30-inch water transmission main will relieve the restriction and allow for more efficient operation at the two high-service pump stations. Kimley-Horn has completed a review of the existing utilities in the project area, development features on each side of Central Boulevard, and available information on subsurface utilities along the section of Central Boulevard between Jupiter Park Drive and Jupiter Gardens Boulevard. Permits received for the project include the Palm Beach County Health Department permit and the Palm Beach County Utility right-of-way permit. Kimley-Horn has completed the design and permitting phase of the project.

**Water Transmission Main, Phases 1 and 2, Wellington, FL** — Design engineer for the main extensions into the southern portion of The Villages to include approximately 15,000 LF of 24-inch PVC that included three 30-inch directional bores (1,500 LF, 800 LF, and 600 LF).

### **Martin County Utilities Raw Water Main (RWM) and Pump Station (PS) -**

**Martin Downs to Tropical Farms, Martin County, FL** — Project manager. For this project, Kimley-Horn prepared design drawings and specifications for the proposed in-line booster pump station and the proposed raw water main extension; prepared and submitted permit applications and support documentation to FDEP, SFWMD, USACE, and FDOT/FTE agencies; provided bid services; provided limited construction administration phase services; prepared an operational protocol; and submitted a certification of completion of the project to the appropriate agencies cited previously for the completed project.

**Reverse Osmosis (RO) Wells 6-10, Raw Water Main, and Well Equipment, Wellington, FL** — Design engineer for the design, permitting, and contract administration for The Villages' five new Floridan wells. The design included stainless steel wellhead piping (12 inch) and approximately 9,500 LF of 24-inch PVC pipe, with two aerial crossings and one 800-LF directional bore.

**Sawgrass Floridan Wells, Raw Water Main, and Reuse Main Extension, Sunrise, FL** — Design engineer for the design, permitting, and contract administration for two Floridan wells; wellhead/pump design; design of 8,200 LF of 24-inch and 16-inch PVC raw water main; and design of 4,500 LF of 24-inch PVC reuse main along with two 24-inch HDPE directional bores of 1,500LF each. The project entailed coordinating activities of the in-house hydrogeologist for the location of the new wells, and well design and construction of the wells themselves. Designed the new wellhead/submersible pump assemblies and off-site piping, provided permitting of the wellheads, and bidding and contract administration.

## Special Qualifications

- Senior water resources engineer with 33 years of experience
- Skills include project management, client management, operations/planning, forecasting/projections, project budgeting, and staff utilization MAGAZINE ARTICLE, DECEMBER 2018
- Magazine article published in December 2018 by the QC- Quality Cities magazine (a publication of the Florida League of Cities); the article was by Daniel J. Comerford III/Town of Jupiter Inlet Colony and Thomas C. Jensen/Kimley-Horn: "Going Green in Jupiter Inlet Colony: Neighborhood Rehabilitation Project Protects and Preserves"

## Professional Credentials

- Bachelor, Civil Engineering, University of South Florida
- Professional Engineer in Florida
- American Society of Civil Engineers
- American Water Resources Association
- American Water Works Association
- Florida Engineering Society
- Water Environment Federation

# William W. Wood, P.E.

*Trenchless Design*



## RELEVANT EXPERIENCE

**Peace River Interconnect and Potable Water Transmission Main, Sarasota County, FL** — Project engineer. The Kimley-Horn team was selected to provide design and construction phase services for 5 miles of 30-inch and 36-inch potable water transmission main that connects to the termination point of Phase 3B and runs west along Clark Road and northwest along Proctor Road to Pump Station Number 5. The route includes various wetlands; critical crossings such as Cow Pen Slough, Philippi Creek, and Interstate I-75; and schools, churches, and an FPL transmission station. The pipeline will be constructed with a combination of construction methodologies, including open trench, horizontal directional drill, and jack and bore. The Kimley-Horn team is currently under design with the project and ahead of schedule and budget. Anticipated construction start time is 2019.

**Lakewood Ranch Blvd. 16-inch Water Main Extension, Sarasota, FL** — Project engineer. Kimley-Horn is providing design services for the extension of Lakewood Ranch Boulevard from the southern village boundary to Fruitville Road. The roadway will be constructed as a four-lane divided closed drainage roadway, including bicycle lanes and sidewalks and impacts several utilities within the corridor. Kimley-Horn prepared the utility construction plans for the following improvements: installation of approximately 3,000 feet of 16-inch water main extension from an existing 24-inch water main on Fruitville Road stub out, located at STA 129+50 and extend a 16-inch water main east along Richardson Road just outside of the proposed pavement and roundabout; installation of approximately 650 feet of 16-inch force main from the Fruitville Master Lift Station north to the existing 18-inch force main that discharges from the Fruitville Wastewater Treatment Facility (WWTF); and installation of 1,500 feet of 10-inch gravity sewer mains relocation of approximately 100 feet of 8-inch force main and rehabilitation services at the Fruitville Master Lift Station.

**Osprey Avenue Phase II Utilities and Roadway Improvements, Sarasota, FL** Project engineer. The City of Sarasota hired Kimley-Horn to evaluate and perform utility and roadway design services on a half-mile downtown corridor extending from an historic residential neighborhood to the south, while the northern end extends into a commercial business district. This ongoing project includes the replacement of two aged asbestos cement (AC) pipelines (10-inch and 18-inch), which are being used for a water main and a force main (respectively). A new 16-inch water main and a new 24-inch force main will be installed (along with new curbing, sidewalks, and pavement), while maintaining existing tree canopies that include a “Grand Oak Tree,” requiring special protection. The project has been initiated with a Basis of Design Report (BODR) evaluation where we recommend a project layout and approach that best maintains the community and commerce within this residential/commercial neighborhood throughout the duration of this project life.

## Special Qualifications

- Has 16 years of experience with municipal utility design, permitting, analysis, and construction
- Main area of expertise involves the design and permitting of large diameter pipelines through heavily congested corridors and hydraulic modeling of pressurized systems
- Thorough understanding of various installation methods, including open cut, directional drill, jack and bore, and pipe bursting
- Natural fit for large transmission force main and lift station upgrade projects because of his expertise related to pump station and large diameter pipeline design and permitting
- Experience with large water main and force main projects throughout Florida
- Wade’s Manatee County North County Regional Water Reclamation Facility (NCRWRF) Flow Equalization Tank project was on the cover of the January 2018 issue of the Florida Water Resources Journal

## Professional Credentials

- Bachelor of Science, Environmental Engineering, University of Central Florida
- Professional Engineer in Florida
- American Public Works Association
- Florida Engineering Society

# Jamison Tondreault, P.E.

*Trenchless Design, Pipeline Design*



## RELEVANT EXPERIENCE

### **Peace River Interconnect and Potable Water Transmission Main, Sarasota County, FL**

— Project engineer. The Kimley-Horn team was selected to provide design and construction phase services for 5 miles of 30-inch and 36-inch potable water transmission main that connects to the termination point of Phase 3B and runs west along Clark Road and northwest along Proctor Road to Pump Station Number 5. The route includes various wetlands; critical crossings such as Cow Pen Slough, Philippi Creek, and Interstate I-75; and schools, churches, and an FPL transmission station. The pipeline will be constructed with a combination of construction methodologies, including open trench, horizontal directional drill, and jack and bore. The Kimley-Horn team is currently under design with the project and ahead of schedule and budget. Anticipated construction start time is 2019.

### **Osprey Avenue Phase II Utilities and Roadway Improvements, Sarasota, FL**

— Project analyst. The City of Sarasota hired Kimley-Horn to evaluate and perform utility and roadway design services on a half-mile downtown corridor extending from an historic residential neighborhood to the south, while the northern end extends into a commercial business district. This ongoing project includes the replacement of two aged asbestos cement (AC) pipelines (10-inch and 18-inch), which are being used for a water main and a force main (respectively). A new 16-inch water main and a new 24-inch force main will be installed (along with new curbing, sidewalks, and pavement), while maintaining existing tree canopies that include a “Grand Oak Tree,” requiring special protection. The project has been initiated with a Basis of Design Report (BODR) evaluation where we recommend a project layout and approach that best maintains the community and commerce within this residential/commercial neighborhood throughout the duration of this project life.

### **Force Main 1M Rehabilitation, Manatee County, FL**

— Project engineer. The project included the replacement of Force Main 1M, which connects Lift Station 1M (located west of the intersection of Palma Sola Blvd. and Cortez Blvd.) to the County’s Southwest Water Reclamation Facility (SWWRF). The work includes approximately 14,800 LF of a combination of 24-inch PVC force main, 30-inch HDPE force main, and 3,303 LF of 30-inch PVC force main to the connection at SWWRF. Realignment of the force main to the southern right-of-way of Cortez Road was essential to avoid major conflicts.

**Force Main 5 Rehabilitation, Manatee County, FL** — Project analyst. Kimley-Horn is responsible for the rehabilitation of Force Main 5, which commences at the Master Pump Station 5 located inside the Anna Maria Island Beach Access and ends at the tie in point before Cortez Bridge. The project is currently in design and will include the replacement of approximately 13,000 linear feet of 18-inch DIP with 20-inch PVC and HDPE piping, which constructed by directional drill and open trench. Kimley-Horn is responsible for coordinating and resolving conflicts between the County, City of Holmes Beach, City of Bradenton Beach, and FDOT. This project is part of Kimley-Horn’s general engineering services contract with Manatee County for various public works projects.

## Special Qualifications

- Seven years of experience in the areas of focus including collection, transmission and distribution systems
- Experience in large diameter pipeline design (up to 84”)
- Experience in designing long horizontal directional drills (up to 2,700 LF) and jack and bores
- Key strengths include: horizontal directional drill design, large diameter pipeline design, pump station design, hydraulic modeling, and permitting through FDEP/FDOT
- Software proficiencies in Revit, AutoCAD, Civil 3D, SewerCAD, WaterCAD, Boreaid, ArcGIS, ArcFM, Microsoft Office, and InfoWater

## Professional Credentials

- Bachelor, Civil and Environmental Engineering, University of South Florida
- Professional Engineer in Florida
- Florida Water Environment Association (Young Professional)

# Fannie H. Howard, P.E.

Water Quality



## RELEVANT EXPERIENCE

**24-Inch Water Main and 24-inch Force Main Subaqueous Intracoastal Crossings (Pipeline Installations) (Currie Park), West Palm Beach, FL** — Served as project engineer for the design of 2,700 linear feet of twin 24-inch HDPE pipelines under the Intracoastal Waterway between the City of West Palm Beach and the Town of Palm Beach. As a result of the Flagler Memorial Bridge reconstruction project, a 24-inch water main owned by the City of West Palm Beach needed to be relocated. Kimley-Horn provided an initial route study to identify potential pipeline routes. Once a route was selected, Kimley-Horn provided design, permitting, bid and construction phase services for the project. The design of over 1,000 linear feet of upland pipeline was also performed through downtown West Palm Beach. Permits were obtained from the U.S. Army Corps of Engineers, the FDEP, and the FDOT. To save construction costs, the Town of Palm Beach elected to replace their aging force main crossing in conjunction with this project. Kimley-Horn provided the design, permitting, bid, and construction phase services for this work as well.

**Water Treatment Plant (WTP) #11 Finish Water Quality Evaluation and Corrosion Study, Palm Beach County, FL** — Project engineer. System 11 consists of a 10-MGD brackish reverse osmosis WTP and distribution system that serves the Belle Glade, South Bay and Pahokee communities in western Palm Beach County. Kimley-Horn performed an investigation of the water quality, provided recommendations to improve the post-treatment stabilization process, perform corrosion testing to provide baseline data for future investigations, and reported the findings. Corrosion rack design, linear polarization method (LPR) testing, and gravimetric method testing were completed at the Water Treatment Plant and remote site in the distribution system. Tasks also included water quality data analysis, field testing, evaluation of disinfection by-products, and development of corrosion investigation report. Kimley-Horn also assisted with selection of a new corrosion inhibitor to be used at the WTP to reduce lead and copper levels.

**Island Road 12-inch Water Main Replacement, West Palm Beach, FL** Project manager. Kimley-Horn was selected by the City of West Palm Beach to design a replacement for the 12-inch water main which is attached beneath the Island Road Bridge. The current water main, along with its pipe hangars, has been negatively affected by salt spray from ocean water. Kimley-Horn previously provided the City with construction documents including a segment of the water main which has since been reconstructed due to emergency services needed to repair a leak. Kimley-Horn prepared an updated set of construction plans for the unaffected portion along Island Drive and Tarpon Way to complete the water main replacement. Additional services included permitting, bid phase assistance, and construction phase services. Permits will be obtained from the Florida Department of Environment Protection (FDEP).

## Special Qualifications

- Project engineer with 14 years of experience involved with utility projects throughout southeast Florida
- Hydraulic modeling, water distribution, wastewater collection, and piping system modeling and analysis experience
- Has provided analysis of hydraulic models for potable water, wastewater, and reclaimed water collection and distribution systems
- Proficient with ICPR, GIS, WaterGems, WaterCAD, and Hydranautics (IMS design software programs)

## Professional Credentials

- Master of Science, Environmental Engineering, University of South Florida
- Bachelor of Science, Chemical Engineering, University of Florida
- Professional Engineer in Florida
- Florida Engineering Society

# Shelby N. Hughes, P.E.

Water Quality



## RELEVANT EXPERIENCE

**Force Main 15D, Manatee County, FL** — Project analyst. Kimley-Horn provided design, permitting, and construction services associated with the rehabilitation of Force Main 15D, located at 59th Street West at the intersection of Manatee Avenue. The existing force main discharged into a manhole located south of the right-of-way in the southbound lane of 59th Street West. The project included approximately 550 LF of 20-inch PVC that included a jack-and-bore under the FDOT right-of-way. Project was nominated and won the APWA Award for Emergency Construction/Repair in 2016.

**Peace River Interconnect and Potable Water Transmission Main, Sarasota County, FL** — Project engineer. The Kimley-Horn team was selected to provide design and construction phase services for 5 miles of 30-inch and 36-inch potable water transmission main that connects to the termination point of Phase 3B and runs west along Clark Road and northwest along Proctor Road to Pump Station Number 5. The route includes various wetlands; critical crossings such as Cow Pen Slough, Philippi Creek, and Interstate I-75; and schools, churches, and an FPL transmission station. The pipeline will be constructed with a combination of construction methodologies, including open trench, horizontal directional drill, and jack and bore. The Kimley-Horn team is currently under design with the project and ahead of schedule and budget. Anticipated construction start time is 2019.

**Martin County Utilities Raw Water Main (RWM) and Pump Station (PS) – Martin Downs to Tropical Farms, Martin County, FL** — Project analyst. For this project, Kimley-Horn prepared design drawings and specifications for the proposed in-line booster pump station and the proposed raw water main extension; prepared and submitted permit applications and support documentation to FDEP, SFWMD, USACE, and FDOT/FTE agencies; provided bid services; provided limited construction administration phase services; prepared an operational protocol; and submitted a certification of completion of the project to the appropriate agencies cited previously for the completed project.

**Orangewood and Buena Vista Water Main Replacement, Holiday, FL** Project analyst. Kimley-Horn was contracted to perform design, bidding, and construction phase services for the water main replacement associated with the Orangewood and Buena Vista neighborhoods in Holiday, Florida for Utilities, Inc. of Florida. A majority of the existing asbestos cement (AC) and galvanized water mains, including service lines and meters, were installed in utility easements behind the residential homes. The intent of the design involved the replacement of the existing water mains by constructing new water mains (approximately 18,915 LF of 6-inch and 19,500 LF of 2-inch) within the right-of-way. All meters and service lines were relocated to the front of the homes, requiring extensive coordination between the contractor, engineer, owner, and residents through construction.

## Special Qualifications

- Water resources engineer with four years of experience involving water and wastewater utility projects
- Certified in system-wide hydraulic modeling and master planning software
- Software skills include AutoCAD, ArcMap, ArcCatalog, CityWorks, SAP, FileMaker, Utilisense, ICPR, Ftool, POND5, Bentley Software Suite (WaterCAD/WaterGEMS, SewerCAD/SewerGEMS), Infoworks, (InfoWater and InfoSewer), BoreAid, CUES – Granite XP
- Holds board positions at the regional and state level for the Florida Section AWWA
- Hydraulic modeling training with InfoWorks and Bentley
- Appeared in the September 2018 Florida Water Resources Journal (FWRJ) Reader Profile

## Professional Credentials

- Bachelor of Science, Civil Engineering, University of Florida
- Professional Engineer in Florida
- Completed National Association of Sewer Services Companies (NASSCO) Pipeline Assessment Certification Program (PACP), Manhole Assessment and Certification Program (MACP), and Lateral Assessment and Certification Program (LACP)
- American Society of Civil Engineers
- American Water Works Association

# Jordan E. Leep, P.E., PMP

FDOT Coordination/MOT



## RELEVANT EXPERIENCE

**Lakewood Ranch Blvd. 16-inch Water Main Extension, Sarasota, FL** — Project engineer. Kimley-Horn is providing design services for the extension of Lakewood Ranch Boulevard from the southern village boundary to Fruitville Road. The roadway will be constructed as a four-lane divided closed drainage roadway, including bicycle lanes and sidewalks and impacts several utilities within the corridor. Kimley-Horn prepared the utility construction plans for the following improvements: installation of approximately 3,000 feet of 16-inch water main extension from an existing 24-inch water main on Fruitville Road stub out, located at STA 129+50 and extend a 16-inch water main east along Richardson Road just outside of the proposed pavement and roundabout; installation of approximately 650 feet of 16-inch force main from the Fruitville Master Lift Station north to the existing 18-inch force main that discharges from the Fruitville Wastewater Treatment Facility (WWTF); and installation of 1,500 feet of 10-inch gravity sewer mains relocation of approximately 100 feet of 8-inch force main and rehabilitation services at the Fruitville Master Lift Station.

**20-inch Force Main 15D Rehabilitation, Manatee County, FL** — Project engineer. Kimley-Horn provided design, permitting, and construction services associated with the rehabilitation of Force Main 15D, located at 59th Street West at the intersection of Manatee Avenue. The existing force main discharged into a manhole located south of the right-of-way in the southbound lane of 59th Street West. The project included approximately 550 LF of 20-inch PVC that included a jack-and-bore under the FDOT right-of-way.

**Emerald Harbor Utility, Longboat Key, FL** — Project engineer that assisted the Town of Longboat Key with the replacement and rehabilitation of the roadway and infrastructure within the Emerald Harbor development. The project consisted of the rehabilitation of seven lift stations, force main piping, water main piping, and water and irrigation services. The roadway improvements consisted of milling and resurfacing all of the roads within the development and three new roadway cross-sections to assist the development with problem areas of poor stabilization and drainage. The project included a basis of design report (BDR) that evaluated the condition of the infrastructure, including review of sanitary sewer videos, field site visits, and flow analysis. Construction plans and technical specifications, as well as construction phase services were included as well. The project involved extensive coordination with the local utility department for future conduit placements, residents, the Town, and Construction Manager at Risk (CMAR).

**US 41 and River Road Intersection Improvements, North Port, FL** — Project analyst and was significantly involved with the preparation of signing and marking, maintenance of traffic, drainage, and utility plans. The scope of this project involved designing turn-lane improvements to address future traffic capacity needs for intersection of US 41/River Road in Sarasota. At the same time, the County was designing the Englewood Interstate Connector (EIC) project to widen River Road to a multi-lane, divided roadway. The EIC included an ultimate intersection configuration for the US 41/River Road intersection. Kimley-Horn coordinated the efforts of the West Villages Improvement District (WVID), the County, and the City to develop and execute an Interlocal Agreement that described the various contributions of each agency and the process to design and construct the ultimate intersection configuration.

## Special Qualifications

- Project manager and engineer with 11 years of design experience with a specialty focus on lighting, roadway, and signing and marking design
- Certified in FDOT Advanced Maintenance of Traffic and Specifications Preparation
- Other areas of focus include drainage design and plans production, pavement design, intersection improvements, signalization, ADA enhancements, roundabout design, traffic control, engineer's estimates, project scheduling, and construction phase services

## Professional Credentials

- Master of Civil Engineering, Transportation Engineering, University of Central Florida
- Bachelor of Civil Engineering, Engineering, Michigan Technological University
- Professional Engineer in Florida
- Project Management Professional (PMP)
- American Public Works Association
- Florida Engineering Society

# Madeline Kender, E.I.

*Permitting, Construction Phase Services*



## RELEVANT EXPERIENCE

### **Lakewood Ranch Blvd. 16-inch Water Main Extension, Sarasota, FL**

Project analyst. Kimley-Horn is providing design services for the extension of Lakewood Ranch Boulevard from the southern village boundary to Fruitville Road. The roadway will be constructed as a four-lane divided closed drainage roadway, including bicycle lanes and sidewalks and impacts several utilities within the corridor. Kimley-Horn prepared the utility construction plans for the following improvements: installation of approximately 3,000 feet of 16-inch water main extension from an existing 24-inch water main on Fruitville Road stub out, located at STA 129+50 and extend a 16-inch water main east along Richardson Road just outside of the proposed pavement and roundabout; installation of approximately 650 feet of 16-inch force main from the Fruitville Master Lift Station north to the existing 18-inch force main that discharges from the Fruitville Wastewater Treatment Facility (WWTF); and installation of 1,500 feet of 10-inch gravity sewer mains relocation of approximately 100 feet of 8-inch force main and rehabilitation services at the Fruitville Master Lift Station.

**Peace River Interconnect and Potable Water Transmission Main, Sarasota County, FL** — Project analyst. The Kimley-Horn team was selected to provide design and construction phase services for 5 miles of 30-inch and 36-inch potable water transmission main that connects to the termination point of Phase 3B and runs west along Clark Road and northwest along Proctor Road to Pump Station Number 5. The route includes various wetlands; critical crossings such as Cow Pen Slough, Philippi Creek, and Interstate I-75; and schools, churches, and an FPL transmission station. The pipeline will be constructed with a combination of construction methodologies, including open trench, horizontal directional drill, and jack and bore. The Kimley-Horn team is currently under design with the project on ahead of schedule and budget. Anticipated construction start time is 2019.

**Osprey Avenue Phase II Utilities and Roadway Improvements, Sarasota, FL** — Project analyst. The City of Sarasota hired Kimley-Horn to evaluate and perform utility and roadway design services for a half-mile downtown corridor extending from a historic residential neighborhood north to a commercial business district. This ongoing project includes the replacement of a 10-inch asbestos concrete (AC) water main and an 18-inch AC force main. A new 12-inch water main and a new 24-inch force main will be installed with new curbing, sidewalks, and pavement, while maintaining existing tree canopies requiring special protection (like those from the Grand Oak trees). The project has been initiated with a Basis of Design Report (BODR) evaluation that includes a recommended project layout and approach that best maintains the community and commerce within this residential/commercial neighborhood throughout the duration of the project. This project involves extensive coordination with local public and private utilities, residents, the City, and the Construction Manager at Risk (CMAR).

## Special Qualifications

- Civil analyst specializing in water/wastewater engineering
- Working knowledge of AutoCAD, WaterCAD, SewerCAD, and GIS, along with PipeFlo and EPANet modeling programs
- Specific project experience involves wastewater treatment plant design, pump and pipe material selection, as well as permitting and construction phase services
- NAASCO Certified to practice PACP, MACP, and LACP

## Professional Credentials

- Bachelor of Science, Civil Engineering, University of South Florida
- Engineering Intern in Florida
- American Society of Civil Engineers
- American Water Works Association
- Water Environment Federation

# Deirdre A. Lynch, E.I.

Pipeline Design



## RELEVANT EXPERIENCE

**Osprey Avenue Phase II Utilities and Roadway Improvements, Sarasota, FL** — Project analyst. The City of Sarasota hired Kimley-Horn to evaluate and perform utility and roadway design services on a half-mile downtown corridor extending from an historic residential neighborhood to the south, while the northern end extends into a commercial business district. This ongoing project includes the replacement of two aged asbestos cement (AC) pipelines (10-inch and 18-inch), which are being used for a water main and a force main (respectively). A new 16-inch water main and a new 24-inch force main will be installed (along with new curbing, sidewalks, and pavement), while maintaining existing tree canopies that include a “Grand Oak Tree,” requiring special protection. The project has been initiated with a Basis of Design Report (BODR) evaluation where we recommend a project layout and approach that best maintains the community and commerce within this residential/commercial neighborhood throughout the duration of this project life.

**Fairways of Capri and Seaboard Avenue Water Main Extensions, Venice, FL** — Project analyst. Kimley-Horn provided design, bidding, permitting, and construction phase services for approximately 200 linear feet (LF) of 6-inch water main connecting dead ends from Phase I and Phase II of the Fairways of Capri development. Kimley-Horn also provided design, bidding, permitting, and construction phase services for the installation of approximately 1,600 LF of 6-inch water main along Seaboard Avenue from the 12-inch water line under the intercoastal, south to the fire hydrant near the curve just west of US-41 (Venice Bypass).

**Emerald Harbor Utility, Longboat Key, FL** — Project analyst that assisted the Town of Longboat Key with the replacement and rehabilitation of the roadway and infrastructure within the Emerald Harbor development. The project consisted of the rehabilitation of seven lift stations, force main piping, water main piping, and water and irrigation services. The roadway improvements consisted of milling and resurfacing all of the roads within the development and three new roadway cross-sections to assist the development with problem areas of poor stabilization and drainage. The project included a basis of design report (BDR) that evaluated the condition of the infrastructure, including review of sanitary sewer videos, field site visits, and flow analysis. Construction plans and technical specifications, as well as construction phase services were included as well. The project involved extensive coordination with the local utility department for future conduit placements, residents, the Town, and Construction Manager at Risk (CMAR).

**Water Transmission Main from Myakkahatchee Creek Water Treatment Plant to Ortiz Blvd., North Port FL** — Project analyst. Kimley-Horn is providing professional engineering services for the water transmission main from Myakkahatchee Creek Water Treatment Plant to Ortiz Blvd. Services include design, permitting, agency coordination and liaison, coordination with stakeholders, and bidding.

## Special Qualifications

- Analyst on projects involving design, permitting, and construction phase services for pipelines, equalization tanks, water reclamation facilities, utilities, and roadways

## Professional Credentials

- Bachelor of Science, Civil Engineering, University of Florida
- Engineering Intern in Florida
- American Society of Civil Engineers

# Steven J. Hartl

FDOT Coordination/MOT



## RELEVANT EXPERIENCE

### **Osprey Avenue Phase II Utilities and Roadway Improvements, Sarasota, FL**

Designer for the milling and resurfacing design of Osprey Avenue from Novus Street to Main Street. The corridor includes 16 cross streets and will entail the removal and replacement of curb and gutter, sidewalks, and driveway aprons. Special care will be taken to maintain ADA access throughout the corridor and the existing drainage patterns. Kimley-Horn will prepare all necessary permits and provide construction phase services.

### **Lakewood Ranch Blvd. 16-inch Water Main Extension, Sarasota, FL**

Designer. Kimley-Horn is providing design services for the extension of Lakewood Ranch Boulevard from the southern village boundary to Fruitville Road. The roadway will be constructed as a four-lane divided closed drainage roadway, including bicycle lanes and sidewalks and impacts several utilities within the corridor. Kimley-Horn prepared the utility construction plans for the following improvements: installation of approximately 3,000 feet of 16-inch water main extension from an existing 24-inch water main on Fruitville Road stub out, located at STA 129+50 and extend a 16-inch water main east along Richardson Road just outside of the proposed pavement and roundabout; installation of approximately 650 feet of 16-inch force main from the Fruitville Master Lift Station north to the existing 18-inch force main that discharges from the Fruitville Wastewater Treatment Facility (WWTF); and installation of 1,500 feet of 10-inch gravity sewer mains relocation of approximately 100 feet of 8-inch force main and rehabilitation services at the Fruitville Master Lift Station.

### **Peace River Interconnect and Potable Water Transmission Main, Sarasota County, FL**

— Designer. The Kimley-Horn team was selected to provide design and construction phase services for 5 miles of 30-inch and 36-inch potable water transmission main that connects to the termination point of Phase 3B and runs west along Clark Road and northwest along Proctor Road to Pump Station Number 5. The route includes various wetlands; critical crossings such as Cow Pen Slough, Philippi Creek, and Interstate I-75; and schools, churches, and an FPL transmission station. The pipeline will be constructed with a combination of construction methodologies, including open trench, horizontal directional drill, and jack and bore. The Kimley-Horn team is currently under design with the project and ahead of schedule and budget. Anticipated construction start time is 2019.

**Central Avenue Improvements, Naples, FL** — Designer for streetscape, intersection design, lighting design, and multimodal improvements for Central Avenue between 8th Street and Goodlette-Frank Road for a distance of 0.5 mile. Detailed traffic modeling is being utilized to fully assess laneage requirements and the resulting level of service from possible lane modifications. The goal of the projects is to provide a safe, balanced approach for all modes of travel through the corridor, including motor vehicles, bicycles, and pedestrians. Roadway improvements include milling and resurfacing, drainage upgrades to reduce flooding, utility upgrades to increase water main size and add reclaimed water service, landscaping improvements, and signalization upgrades.

## Special Qualifications

- As 25 years of civil engineering experience
- Project plan preparation has included road/highway widening and resurfacing, intersection improvements to address ADA and safety issues, multi-use trail design, traffic signal design, temporary traffic control design, structural bridge/culvert detailing, utility relocation detailing, parking lot design and survey (construction staking, boundary, topographic and ALTA/ACSM Land Tile Surveys, final plats, remonumentation and property descriptions)
- Produced probable construction cost estimates and specifications for most projects, as well as as-builts when required.
- Software experience includes Microstation, GEOPAK, and AutoCAD Civil 3D

## Professional Credentials

- Associate, Architectural Technology, Delta College

# Rocco Angerami

Construction Phase Services



## RELEVANT EXPERIENCE

**Peace River Interconnect and Potable Water Transmission Main, Sarasota County, FL** — Construction administrator. The Kimley-Horn team was selected to provide design and construction phase services for 5 miles of 30-inch and 36-inch potable water transmission main that connects to the termination point of Phase 3B and runs west along Clark Road and northwest along Proctor Road to Pump Station Number 5. The route includes various wetlands; critical crossings such as Cow Pen Slough, Philippi Creek, and Interstate I-75; and schools, churches, and an FPL transmission station. The pipeline will be constructed with a combination of construction methodologies, including open trench, horizontal directional drill, and jack and bore. The Kimley-Horn team is currently under design with the project and ahead of schedule and budget. Anticipated construction start time is 2019.

**Lakewood Ranch Blvd. 16-inch Water Main Extension, Sarasota, FL** Construction inspector. Kimley-Horn is providing design services for the extension of Lakewood Ranch Boulevard from the southern village boundary to Fruitville Road. The roadway will be constructed as a four-lane divided closed drainage roadway, including bicycle lanes and sidewalks and impacts several utilities within the corridor. Kimley-Horn prepared the utility construction plans for the following improvements: installation of approximately 3,000 feet of 16-inch water main extension from an existing 24-inch water main on Fruitville Road stub out, located at STA 129+50 and extend a 16-inch water main east along Richardson Road just outside of the proposed pavement and roundabout; installation of approximately 650 feet of 16-inch force main from the Fruitville Master Lift Station north to the existing 18-inch force main that discharges from the Fruitville Wastewater Treatment Facility (WWTF); and installation of 1,500 feet of 10-inch gravity sewer mains relocation of approximately 100 feet of 8-inch force main and rehabilitation services at the Fruitville Master Lift Station.

**Fairways of Capri and Seaboard Avenue Water Main Extensions, Venice, FL** — Construction administrator. Kimley-Horn provided design, bidding, permitting, and construction phase services for approximately 200 linear feet (LF) of 6-inch water main connecting dead ends from Phase I and Phase II of the Fairways of Capri development. Kimley-Horn also provided design, bidding, permitting, and construction phase services for the installation of approximately 1,600 LF of 6-inch water main along Seaboard Avenue from the 12-inch water line under the intercoastal, south to the fire hydrant near the curve just west of US-41 (Venice Bypass).

## Special Qualifications

- More than 35 years of experience in the engineering/construction industry
- Successfully operated his own construction company specializing in the installation of traffic signals and highway lighting

## Professional Credentials

- Bachelor, Civil Engineering, Rochester Institute of Technology

**Russell Hyatt, PSM**

**Survey and Mapping Support  
Hyatt Survey Services, Inc.**

**Years of Experience: 27**

**Education:**

*Bachelor of Science, Survey and  
Mapping, University of Florida, 1990*

**Distinguishing Attributes:**

- *Mr. Hyatt has 27 years of professional surveying and mapping experience relating to transportation planning, construction and engineering.*

**Certifications/Registrations:**

- *Professional Surveyor and Mapper, FL. LS#5303*

**Affiliations:**

- *Florida Surveying and Mapping Society (President)*
- *Manasota Chapter of the Florida Surveying and Mapping Society*
- *Tampa Bay Chapter of the Florida Surveying and Mapping Society (Past President)*
- *University of Florida Surveying and Mapping Advisory Committee*
- *The Hydrographic Society of America*
- *National Society of Professional Surveyors*
- *American Society of Civil Engineers*

**EXPERTISE:**

As Vice President of Hyatt Survey Services, Inc., Russell's duties include local, state and federal contract administration and overall quality control. In addition to his administrative duties, Russell is also responsible for the production of boundary, hydrographic and topographic surveys. He couples over 27 years of surveying experience with a four-year degree in Surveying and Mapping. His project experience has included commercial / municipal development surveys and geodetic surveys and beach/channel/port hydrographic surveys. Russell has extensive experience providing survey services to local, state and federal agencies such as the Pinellas, Hillsborough, Manatee, Sarasota, and Charlotte Counties, Florida Department of Transportation, Florida Department of Environmental Protection and the U.S. Army Corps of Engineers-Jacksonville District.



**KEY RELEVANT PROJECTS:**

**IDIQ for Surveying & Mapping Services, USACE – Jacksonville District, Districtwide**

As Project Manager, Mr. Hyatt has successfully completed 69 Task Orders. Scopes of work consisted of Single/Multi Beam Hydrographic Surveys (beach profiles, canal cross sections and channel surveys), Topographic Surveys (beach profiles, levee cross sections, upland disposal areas and LIDAR ground truthing), Horizontal & Vertical Geodetic Control Surveys (GPS & Digital Leveling), Construction Surveys, Property/Boundary Surveys, Tidal Surveys, Ground Penetrating Radar & Vacuum Utility Excavation. All deliverables met USACE CADD/GIS requirements.

As Project Manager, Mr. Hyatt has successfully completed 54 Task Orders as a sub-consultant to Merrick & Co., GRW Aerial Surveys, GCT, Inc., Michael Baker, Jr. Inc. & Metro Engineering. Scopes of work consisted of Single/Multi Beam Hydrographic Surveys (beach profiles, canal cross sections and channel surveys), Topographic Surveys (beach profiles and levee cross sections), Horizontal & Vertical Geodetic Control Surveys (GPS & Leveling) and Construction Support Surveys. All deliverables met USACE CADD/GIS requirements.

**US 41, Legacy Trail Overpass, Sarasota County, FL**

As the Project Manager, Mr. Hyatt oversaw the completion of providing the client control, right of way, and design and construction surveys.

**Courtney Campbell Causeway Pedestrian Trail Bridge, Hillsborough County, FL**

As the Project Manager, Mr. Hyatt provided 21,500LF of control surveys as well as right of way, topographic and Hydrographic surveys for this Design/Build project.

## EDUCATION

MPH., Public Health,  
University of South  
Florida

B.S., Biology, Roanoke  
College

## 30 YEARS EXPERIENCE

## CERTIFICATIONS/ REGISTRATION

FWC Shorebird Monitor

## PROFESSIONAL AFFILIATIONS

[Florida Association of  
Environmental  
Professionals

National Association of  
Environmental  
Professionals

American Society of Civil  
Engineers

Florida Planning and  
Zoning Association

## AREAS OF SPECIALIZATION

[Wetland Ecology

Biological Assessments

Wetland Jurisdictional  
Determinations

Habitat Mapping

Permitting

Wetland Mitigation  
Design

Wildlife Surveys

Transportation Studies  
and Environmental  
Planning

Habitat Restoration  
Design and Permitting



**Dianne M. Rosensweig, M.P.H**

## Senior Environmental Scientist

As a scientist for more than 30 years, Ms. Rosensweig has extensive experience in managing and conducting biological assessments and related studies. These efforts have involved a wide variety of environmental projects in both the public and private sectors. She has conducted biological assessments related to modification of marine, estuarine, and freshwater wetland environments, assisted in the development of alternatives to minimize wetland impacts, and assisted with the preparation of numerous federal, state, and county environmental permits. Specifically, she has supervised projects requiring the field identification of biological communities, endangered species, flora and fauna, and their ecological interactions. Ms. Rosensweig is extremely proficient in the classification of wetlands and establishing wetland jurisdictional boundaries, as well as all phases of habitat restoration projects, including planning, design, permitting, construction, planting, and monitoring.

## Relevant Experience

**Manatee County Utilities, Manatee County, FL.** Ms. Rosensweig, as project manager, has been providing Manatee County Utilities Department with as-needed environmental consulting services. Projects have included general environmental assessments, updating environmental components of the General Development Plans, permitting support for plant expansions and utility line interconnections at both the Lake Manatee Water Treatment Plant and Southeast Wastewater Regional Facility.

**Chamberlain Master Lift Station and Corresponding Force Mains, Charlotte County, FL.** Project Manager. For this Charlotte County project, Ms. Rosensweig was the Project Manager. Environmental tasks included mapping on-site natural communities where the proposed lift station was sited for construction. Additionally, literature and field reviews were conducted to determine the potential occurrence of federally and state protected animals and plants on the parcel. The information was summarized in an Environmental Assessment Technical Memorandum.

**Lake Manatee WTP Biological Filter and Waterline Installation, Manatee County, FL.** As the Project Manager, Ms. Rosensweig was responsible for collecting all natural environmental data and providing environmental support tasks required for the expansion of the Lake Manatee Water Treatment Facility. The tasks included a field review to assess existing habitats and the potential use of threatened and endangered species, establishing jurisdictional wetland boundaries, providing environmental support for the Environmental Resource Permit (ERP) submittal, attending pre-application meetings and conducting a preliminary gopher tortoise (*Gopherus polyphemus*) survey.



## Robert Gomez, P.E.

Geotechnical Engineer

As a branch manager and geotechnical engineer, Mr. Gomez's responsibilities include project management, interpretation and analysis of field and laboratory data, engineering analysis and evaluation of foundation design, pavement design and evaluation, groundwater modeling, client communication and report and proposal preparation. Mr. Gomez also has extensive experience in laboratory material testing, field inspection and quality assurance of earthwork and concrete construction.

### Education

Bachelor of Science – Civil Engineering  
University of South Alabama  
Mobile, AL

Associate Degree – Building & Civil Engineering  
Belize Technical College  
Belize, Central America

### Affiliations

Florida Engineering Society (FES),  
Myakka Chapter: Past Board Member and President  
American Society of Civil Engineers (ASCE)  
Gulf Coast Builders Exchange  
National Utility Contractors Association (NUCA)

### Experience

Geotechnical Engineering & Material Testing Services – 20 years

Universal Engineering – 16 years

### Why chosen for this project:

- 22 years experience serving as Geotechnical and Materials Testing Engineer, FDOT Materials Testing project engineer management.
- Local Sarasota County and Longboat Key Geotechnical Engineering experience and Design Build Geotechnical experience.
- Project Geotechnical Engineering Manager for several local Municipalities Continuing Contracts including: Sarasota County Public Works, Manatee County Public Works, City of Sarasota, School Board of Sarasota and Manatee Counties.
- Extensive experience with FDOT Materials Testing Construction Quality Control Projects and Certified FDOT Laboratory Materials Testing

### Relevant Project Experience

#### **Siesta Beach Park Improvements**

Jon F. Swift - \$49,097

#### **First Street Streetscape**

Jon F. Swift – \$8,628

#### **Main St. and Orange Ave. Roundabout**

Jon F. Swift – \$7,867

#### **FDOT - E1056 SR 43 (US301)**

Russell Engineering – \$73,677

#### **Fort Hamer Bridge Project & Road Improvements**

Johnson Brothers Corporation – \$91,145

#### **53rd Avenue West Widening - Manatee County**

Wood ruff & Sons, Inc. – \$5,029

#### **44th Avenue East Roadway Project**

Manatee County. – \$59,067



### Tab 4: Team's Previous Experience/Proficiency In Similar Projects

Kimley-Horn's staff of professionals have award-winning experience in the design of water distribution systems. We have served several local municipal clients on utilities projects for many years such as City of North Port, Manatee, and Sarasota counties; and the cities of Sarasota and Venice, the Town of Longboat Key, and the Peace River Manasota Regional Water Supply Authority. Below is a list of some of our recent experience with the local municipalities and others that have similar scope of work as the Water transmission Main on San Mateo Drive from Price Boulevard to Hillsborough Boulevard.

Project Name	Key Project Elements	Key Project Team Personnel Involvement	Year Completed
1. <b>Water Transmission Main from Myakkahatchee Creek Water Treatment Plant to Ortiz Blvd., North Port, FL</b>	Professional engineering services for the water transmission main from Myakkahatchee Creek Water Treatment Plant to Ortiz Blvd. Services include design, permitting, agency coordination and liaison, coordination with stakeholders, and bidding.	Ashley Miele, P.E., Project Manager Wayne White, P.E., Project Engineer Madeline Kender, E.I., Project Analyst Deirdre Lynch, E.I., Project Analyst	Ongoing
2. <b>30-Inch Potable Water Main, Sarasota County, FL</b>	Design, permitting and construction phase services for 5 miles of 30-inch potable water transmission main. The pipeline route consists of a crossing under I-75, Cow Pen Slough, and Phillippi Creek. The pipeline will be constructed with a combination of construction methodologies, including open trench, horizontal directional drill, and jack and bore.	Ashley Miele, P.E., Project Manager Wayne White, P.E., Project Engineer Jamison Tondreault, P.E., Project Engineer Shelby Hughes, P.E., Project Engineer Rocco Angerami, Construction Admin. Wade Wood, P.E., Project Engineer Madeline Kender, E.I., Project Analyst	Ongoing
3. <b>Lakewood Ranch Boulevard 16-inch Water Main Extension Sarasota, FL</b>	Prepared the utility construction plans for the following improvements: installation of approximately 3,000 feet of 16-inch water main extension and extend a 16-inch water main east along Richardson Road just outside of the proposed pavement and roundabout; installation of approximately 650 feet of 16-inch force main from the Fruitville Master Lift Station north to the existing 18-inch force main that discharges from the Fruitville WWTF; installation of 1,500 feet of 10-inch gravity sewer mains; and relocation of approximately 100 feet of 8-inch force main and rehabilitation services at the Fruitville Master Lift Station.	Ashley Miele, P.E., Project Manager Wade Wood, P.E., Project Engineer Jordan Leep, P.E., Project Engineer Madeline Kender, E.I., Project Analyst Deirdre Lynch, E.I., Project Analyst Steven Hartl, Designer Rocco Angerami, Construction	Construction Underway
4. <b>Emerald Harbor Utility, Longboat Key, FL</b>	The Kimley-Horn team prepared design plans, permitting services, and construction phase services for the replacement of all the water mains, force mains, and lift stations within an 82-residential home community on Longboat Key. The project involved areas of roadway reconstruction and road repairs, extensive coordination on construction times and durations, and extensive utility coordination with the existing utilities.	Ashley Miele, P.E., Project Manager Wade Wood, P.E., Project Engineer Jamison Tondreault, P.E., Project Engineer Madeline Kender, E.I. Project Analyst Deirdre Lynch, E.I. Project Analyst Rocco Angerami, Construction	2018



## Professional Engineering Services for Water Transmission Main

on San Mateo Drive from Price Boulevard to Hillsborough Boulevard ; RFP No. 2019-41

Project Name		Key Project Elements	Key Project Team Personnel Involvement	Year Completed
5.	<b>Fairways of Capri and Seaboard Avenue Water Main Extensions, Venice, FL</b>	Design, bidding, permitting, and construction phase services for approximately 200 linear feet (LF) of 6-inch water main connecting dead ends from Phase I and Phase II of the Fairways of Capri development. Kimley-Horn also provided design, bidding, permitting, and construction phase services for the installation of approximately 1,600 LF of 6-inch water main along Seaboard Avenue from the 12-inch water line under the intercoastal, south to the fire hydrant near the curve just west of US-41 (Venice Bypass).	Ashley Miele, P.E., Project Engineer Wade Wood, P.E., Project Engineer Madeline Kender, E.I. Project Analyst Deirdre Lynch, E.I. Rocco Angerami, Construction	2018
6.	<b>Osprey Avenue Phase II and Phase IV 20-inch Force Main and 12-inch Water Main Replacements, Sarasota, FL</b>	Utility and roadway design services on a half-mile downtown corridor, including replacement of two aged asbestos cement (AC) pipelines (10-inch and 18-inch) with a new 16-inch water main and a new 24-inch force main.	Ashley Miele, P.E., Project Engineer Wayne White, P.E., Project Engineer Jamison Tondreault, P.E., Project Analyst Wade Wood, P.E., Project Engineer Madeline Kender, E.I., Project Analyst Deirdre Lynch, E.I., Project Analyst Steven Hartl, Designer	Design: 2018
7.	<b>Force Main 1M Rehabilitation, Manatee County, FL</b>	Replacement of Force Main 1M and Lift Station 1M discharge piping improvements consisting of the following pipeline construction: 17,350 LF of 18-inch to 30-inch PVC force main installed via open/cut; 1,320 LF of 30-inch HDPE installed via horizontal directional drill; and 350 LF of 36-inch jack-and-bore.	Wade Wood, P.E., Project Manager Ashley Miele, P.E., Project Engineer Wayne White, P.E., Project Engineer Jamison Tondreault, P.E., Project Engineer Rocco Angerami, Construction	Design: 2015 Construction: 2018
8.	<b>Force Main 5 Rehabilitation, Manatee County, FL</b>	Design, permitting, bidding, and construction phase services for the construction of approximately: 2,400 LF of 24-inch, 11,020 LF of 18-inch, and 2,250 LF of 6-inch force mains; 1,450 LF of 16-inch and 5,000 LF of 6-inch water mains; and Master Lift Station 5 improvements.	Wade Wood, P.E., Project Manager Ashley Miele, P.E., Project Engineer Wayne White, P.E., Project Engineer Jamison Tondreault, P.E., Project Engineer	Design: 2014 Construction: 2019
9.	<b>20-inch Force Main 15D Rehabilitation, Manatee County, FL</b>	Design, permitting, bidding, and construction oversight services associated with the rehabilitation of Force Main 15D. The project included approximately 550 LF of 20-inch PVC that included a jack-and-bore under the FDOT right-of-way. Kimley-Horn developed an innovative alternative dewatering method by treating the groundwater through filter bags before being discharged to the Manatee County sanitary sewer system. The sanitary sewer system manholes were located down the center of the road, which enabled construction to continue leaving at least one lane open northbound and southbound.	Wade Wood, P.E., Project Engineer Jamison Tondreault, P.E., Project Engineer Shelby Hughes, P.E., Project Engineer	2015
10.	<b>Reclaimed Water Transmission Main Expansion, North Port, FL</b>	Design and construction of a four-mile reclaimed water main expansion. The water main consisted of line sizes from 24 inches at the plant to 16 inches through the majority of the extension.	Wayne White, P.E., Project Engineer	2014



## Tab 5: Management Approach/Project Control

### BACKGROUND

The City of North Port has an incorporated area of more than 100 square miles and a current population of more than 64,000 people. In 1992, the City purchased utility systems from General Development Corporation and then later purchased Myakka Utilities in 1994. Today, the potable water distribution system consists of more than 300 miles of piping and is composed of major pipelines that deliver potable water from the Myakkahatchee Water Treatment Plant and Peace River Manasota Regional Water Supply Interconnect to the distribution system. The larger diameter transmission piping is developed through the City, whereas smaller diameter distribution piping system is primarily provided in the City core area only. This provides a challenge to the City as they expand the water system. Additionally, several portions of the existing distribution system lack a sufficient amount of pipeline looping. The lack of pipeline looping limits system reliability and increases the potential for water quality problems. The purpose of this project is the increase transmission capacity and improve water quality by providing 16,000 linear feet of 12-inch water main along San Mateo Drive. The project will include a connection to the existing 16-inch water main along Price Boulevard and the existing 12-inch water main along Hillsborough Boulevard.

### EXPERIENCE

Most of Kimley-Horn's experience presented in this proposal consists of projects that are local to this area and projects that have been performed by the same team that we have presented in this proposal. However, Kimley-Horn has more than 70 professionals within the State of Florida that specialize in water resources. Our expertise ranges from small diameter pipelines and rehabilitations in residential communities to large diameter pipelines with complex obstacles and a variety of trenchless technologies. Over the past 10 years, Kimley-Horn has successfully constructed thousands of feet of pipelines—pipeline construction is one of our specialties. Additionally, Kimley-Horn is currently under contract with the City of North Port for the Water Transmission Main from Myakkahatchee Creek Water Treatment Plant to Ortiz Boulevard. This project consists of the design, permitting, and construction of 9,000 linear feet of 16-inch water transmission main. Due to the successful approach of this project thus far, Kimley-Horn has organized the same approach for this project. ***Kimley-Horn's ability to simultaneously work on both of these projects may help reduce time and effort since the projects are very similar in scope.*** We feel that this is a win-win for the City since there may be cost reduction possibilities and opportunities to fast-track the design.

### PROJECT TIME AND BUDGET CONTROL

Kimley-Horn is sensitive to meeting the City's budgetary and scheduling needs and has employed a variety of measures to help ensure we design a project within budget and on schedule. The first step in this project to assist with cost control is developing an accurate scope of work detailing all the elements needed to accomplish City objectives.

Kimley-Horn often works with our clients to identify and develop project scopes to account for tasks that are not always readily foreseeable. Based on these findings, we prepare detailed work plans with descriptions of tasks, goals, milestones, QA/QC, detailed staff-hour estimates, and other critical items for a project's success. The work plan is shared and reviewed with the City to ensure there is a common understanding of the effort, budget, and milestones for the project. This is our first step in budget and schedule control and provides the foundation for a successful project. Involving all team members helps ensure adequate hours and dates are included from the start and provides a path for each team member to work from. ***Since Kimley-Horn just recently went through this process for the Water Transmission Main from Myakkahatchee Creek Water Treatment Plant to Ortiz Boulevard project, we are already aware of some of the key items that are important to the City, such as the timing for technical specifications deliverables and preferred communication methods.*** Having this knowledge and experience with the City will help expedite the approval process and the release of the purchase order.

The work plan is then tracked and compared to the budget, invoices, and schedule on a mid-month or monthly basis to capture any additional effort or time that may be required on the tasks. This process helps identify any issues or concerns early on in the project and bring them to our client's attention well before they have an impact. This approach guarantees schedule and budget control and contributes to projects staying on track with a successful outcome.



## PROJECT INITIATION AND DATA COLLECTION

Upon executing our agreement, Kimley-Horn will begin with a kick-off meeting with City staff to develop the scope, discuss constraints and opportunities, and determine what information is currently available relative to the project. Kimley-Horn will then begin to collect the critical portions of data that would impact the design and construction of this pipeline. This would include the following:

- Topographic Survey
- Geotechnical Investigations
- Environmental Review, where necessary
- Collect and Review Record Drawing Data
- Obtain List of Local Utility Companies (Sunshine 811 Design Ticket)
- Submit Route Alignment to Utility Companies and Request Record Drawings
- Perform Ground Penetrating Radar (GPR), where necessary

## HYDRAULIC MODELING AND WATER QUALITY

The purpose of this project is to increase transmission capacity and improve the water quality. Kimley-Horn has selected a dedicated team to perform a water quality and water age analysis on this system. Our staff has hands-on knowledge of WaterGEMS and is regularly involved with training and teaching of water modeling systems. Recently, we were requested to perform a water age analysis for a 10+ mile long pipeline that consists of a storage tank and high-service pump station. Through our analysis and data collection, we were able to determine an optimum tank level in the storage tank to maximize the number of turnovers in the tank and eliminate the problem. We are also underway with another project and obtaining nutrient data such as chlorine, ammonia, and nitrogen to perform a water quality analysis that will help determine the optimal flushing points to obtain chlorine residual.

## CRITICAL CROSSINGS AND CONCERNS

Kimley-Horn is familiar with the obstacles that could be involved with this construction of a water main. Based on preliminary review of the route, there are several obstacles that are associated with this project which may be overlooked such as:

- School Zones
- Evacuation Routes
- Cocoplum Waterway Crossing
- Overhead Electric
- Residential Communities
- Open Drainage
- Existing Infrastructure

San Mateo Drive is a commonly used and heavily traveled corridor for the Atwater Elementary School and Community Park. Although horizontal directional drilling (HDD) or other trenchless technologies may be considered along the route, the majority of the water will need to be installed at a shallow depth to allow for the water services connections, both existing services and proposed. The destruction due to the construction and disturbance to traffic in this area will be unavoidable. It will be important to have a well thought out maintenance of traffic (MOT) plan, as well as detailed technical specifications that may require certain timeframes and duration of construction to help avoid school delays or impacts to activities to the park. Detailed specifications should also require a well-planned hurricane preparedness plan since this corridor is an evacuation route for the City. It will need to be clear to the contractor that this is an evacuation route and precautions will be required to maintain evacuation safety during evacuation times.

The corridor overall consists of overhead electric on the east side of the road, open drainage, and existing utilities. Using our surveying and SUE subconsultants we will be able to identify and locate the drainage features and the majority of the existing utilities within the area. This will help to determine the preferred horizontal alignment of the water main along the corridor. Geotechnical and environmental engineering from our subconsultants will help identify any additional constraints along the project route such as wetlands/other surface waters and inadequate soils. This information will be especially important to determine the construction methodology needed to cross Cocoplum Waterway at the southern end of the project by Hillsborough Boulevard. Kimley-Horn is well equipped with professionals who have experience with various methods of trenchless technologies, including horizontal directional drill (HDD), Close Tolerance Directional Drill, jack and boring, and micro tunneling. We have also done several aerial crossings for water, wastewater, and gas pipelines ranging from 4 inches to 24 inches in diameter. There is not much that Kimley-Horn has not encountered when it comes to pipeline construction.



## Professional Engineering Services for Water Transmission Main

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Many times with the design of these utilities within a residential area, we encounter a need for other roadway, landscape architecture, or structural services—all of which are available in our local Sarasota office. Since Kimley-Horn is a multidisciplinary firm, the City will not have to worry about a lack of detail with areas beyond the utility design and construction. Our roadway group can help provide curb and roadway repair section details, milling and overlaying plans, signage marking and striping plans, driveway repair details, or maintenance of traffic plans. Our structural group may get involved if we are considering aerial crossings or needing to explore the options of attaching the pipeline to the bridge at Cocoplum Waterway. Our landscape architecture group and certified arborist may be needed if there are concerns about the trees in the area or there is a resident with a specific landscaping replacement concern. Although these services may not be necessary, as a multidisciplinary firm, Kimley-Horn has access to this expertise at any point during the project.

Geotechnical and environmental engineering from our subconsultants will help identify any additional constraints along the project route, such as wetlands and inadequate soils. This information will be especially important to determine the construction methodology to cross Cocoplum Waterway at the southern end of the project by Hillsborough Boulevard. Kimley-Horn is well equipped with professionals who have successfully completed projects with these obstacles and have learned ways to overcome them. Additionally, Kimley-Horn is well equipped with professionals who have experience with various methods of trenchless technologies, including horizontal directional drill (HDD), close tolerance directional drill, jack and boring, and micro tunneling. Although these technologies may not be feasible along the corridor since water service connections will be required for new and existing customers, these technologies may be utilized at certain intersections and the crossing of Cocoplum Waterway.

## CONSTRUCTION PLANS AND TECHNICAL SPECIFICATIONS

Kimley-Horn will begin with our 30% construction plans that will contain the topographic survey, location of the existing utilities, locations of environmental or geotechnical concerns, and the proposed horizontal alignment of the water main. At this point, we would want to also prepare any water age or water quality analysis which could impact the design. It is our intent that upon completion of the 30% construction plans that we have established the horizontal alignment of the 12-inch water main, resolved critical concerns, met with permitting agencies, and selected the construction methodologies for the route, including the crossing for the Cocoplum Waterway.

After review of the 30% construction plans, Kimley-Horn will address any comments or concerns that the City has with the alignment and begin to prepare 60% construction plans and technical specifications. At this point, the plans will consist of plan and profiles of the pipeline and enough design intent to submit to the permitting agencies. As we move toward the production of our 90% and 100% construction plans, additional comments from the City and other stakeholders (including permitting agencies and other City departments) will be incorporated. With all parties involved in each design level, additional design services can be avoided, and construction costs can remain updated and accurate. At this point, it will be critical for the specifications to be complete and match the intent of the design plans. Conflicting specifications and plans can lead to construction change orders and project delays, costing everyone time and money. The proposed project team takes great pride in the plan production and technical specifications preparation for these pipeline projects. It is critical that these documents work together and are thoroughly reviewed for content, leading to a successful project.

## PERMITTING

Kimley-Horn has a proven track record of dealing with permitting agencies and obtaining challenging permits, having been responsible for permitting on projects of all sizes and types throughout the State of Florida. We are experienced in preparing permit applications for local permits through city, state, and federal agencies such as the Florida Department of Environmental Protection (FDEP) and the U.S. Army Corp of Engineers (USACE). We understand these agencies, know what is required to gain approval, and excel in providing the high level of coordination that is required for expedited permit review.

With our recent experience with the Water Transmission Main from Myakkahatchee Creek Water Treatment Plant to Ortiz Boulevard project, we are well aware of the local permitting process and familiar with the agency concerns for these projects. This recent experience helps us prepare the permit applications quickly and also provide project information in the concise format that the agencies prefer. ***Kimley-Horn's goal is to have a complete submission the first time around.***



## QUALITY ASSURANCE/QUALITY CONTROL (QA/QC)

Quality work does not just happen, it evolves and is sustained through appropriate planning supported by internal quality programs designed to ensure professional and technical competency. Quality is one of the key attributes that has enabled Kimley-Horn to become one of the leading consulting firms in the country and it is essential to our continuing success.

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

We build time for quality reviews into our work plans and incorporate them at each milestone submittal. These reviews are tracked in our cast-ahead system and by our regional production managers, in addition to our project managers. Additionally, each office has a quality control leader that participates in a monthly conference call to organize the workload of our QA/QC managers. This helps ensure all deadlines are met and deliverables are made on time. Our QA/QC manager for this project, **Tom Jensen, P.E.**, will ensure our services provided for you meet our high standards of quality.

Our staff have been firmly committed to providing top-quality services since the firm began more than 50 years ago, and ultimately our people will be responsible for exceeding your expectations for quality.

## CONTROLLING CONSTRUCTION COST ESTIMATES

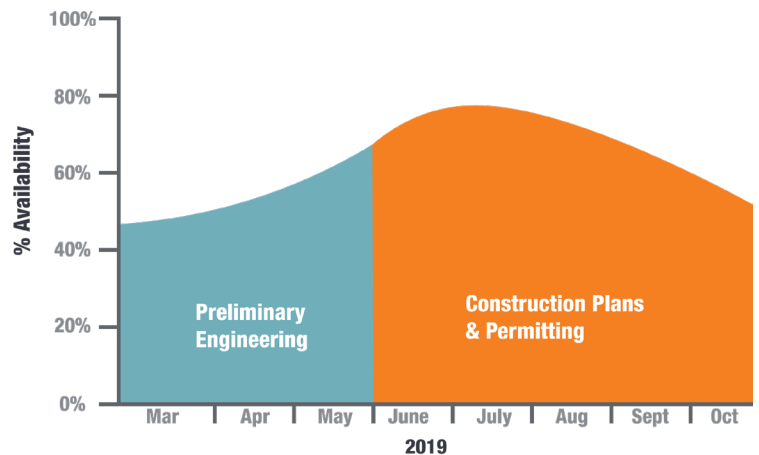
Construction costs have seen large swings both up and down over the last 5 to 10 years. Based on recent projects bids, we have seen a rise in costs and adjusted unit costs in our opinions of probable costs (OPCs) accordingly. We look at trends in unit pricing so we can help project costs for future capital projects. With similar projects recently bid and under construction, we have current unit costs to use for preparing OPCs. Our construction cost estimating approach is as follows:

- We will closely monitor construction costs at each phase submittal and any time significant changes occur to the project that may influence overall construction cost
- We will prepare a detailed OPC, typically at each milestone submittal, and will utilize recently bid City projects to determine the unit prices for individual pay items
- Unit prices will be individually evaluated based on the magnitude of work to ensure that construction costs take changing costs into consideration
- We will update construction unit prices at each phase submittal
- We will communicate promptly with City staff regarding cost escalation once we are aware of them
- During the design of critical project features, we will assess the cost of various options and make recommendations to the City as to the most cost-effective option available
- We will continuously scrutinize the proposed design during the process and during our QA/QC reviews to identify cost savings opportunities that should be considered during design

## STAFF AVAILABILITY AND WORKLOAD

Kimley-horn is committed to providing the City of North port with the highest quality staff and service to meet your project schedule and budget needs. With **Ashley Miele, P.E.** as your project/client manager and lead designer, you can count on her to get this project complete on time. As mentioned previously, Ashley and one of her teams were selected last year to complete the design and permitting for the Water Transmission Main from Myakkahatchee Creek Water Treatment Plant to Ortiz Boulevard, which has a similar project design deadline and construction start date. With the recent experience of this ongoing project, the incorporation of this project would be a seamless transition with our design team. We feel

that this would help expedite schedule and possibly provide cost savings for the City. Based on the review of our cast-aheads system, we can assure the City of North Port that the staff members selected for this team are available and can be dedicated to this project. ***The graphic above represents Kimley-Horn's staff availability for RFP No. 2019-14.***





## Tab 6: References

**Kimley-Horn** is proud of the relationships we have developed with our clients, and much of our success over the last 52 years is directly related to our efforts to perform high-quality, timely services for all of our clients. We invite you to contact the client references listed below for projects completed within the past ten years.

### Project Reference Name/Title:

Seton Katz – Project Manager

### Reference Phone:

(941) 955-2325

### Reference Email:

seton.katz@sarasotafl.gov

### Completion Date:

September 2017

### Project Cost:

\$42,335

### KEY STAFF:

- Ashley Miele, P.E. – Project Manager
- Wayne White, P.E. – QA/QC Reviewer
- W. Wade Wood, III, P.E. – Project Engineer
- Madeline Kender, E.I. – Project Analyst

## City of Sarasota Lift Station #8 Force Main Replacement

This project included the replacement of an existing 12-inch diameter AC force main along Cocoanut Avenue from just north of 10th Street, approximately 2,700 LF north, to 17th Street within the City of Sarasota. The project included the preparation of a basis of design report (BODR) that evaluated up to four alternate routes for the realignment of the 12-inch force main. The BODR consisted of research of existing utility infrastructure along the alternative



routes, coordination with permitting agencies, environmental analysis, property requirement research, and opinions of construction costs and projected future wastewater flows for the service area. Kimley-Horn developed a hydraulic model of the existing City of Sarasota system to determine the impacts of the alignment to the existing force main. Kimley-Horn designed plans and permitting for the force main once the route was selected. Design plans consisted of a combination of hydraulic directional drill (HDD) and open cut of the 12-inch force main. Asphalt repair and replacement, maintenance of traffic (MOT), and extensive public involvement were also required for this design.

## Force Main 1M, Manatee County

Kimley-Horn was selected in 2012 to provide general engineering services (including design, permitting, and construction) to Manatee County for various public works projects, including Force Main 1M. This project included the rehabilitation of approximately 14,800 LF of 24-inch ductile iron pipe (DIP) with a combination of 24-inch and 30-inch force main from the 1M lift station (located west of the intersection of Palma Sola Blvd. and Cortez Blvd.) to the connection at the Southwest Water Reclamation Facility (SWWRF). The project began with a route study analyzing several routes for design and permitting constraints; traffic impacts, including maintenance of traffic; land acquisition; environmental and geotechnical considerations; and operation and maintenance concerns and costs.





## Professional Engineering Services for Water Transmission Main

on San Mateo Drive from Price Boulevard to Hillsborough Boulevard ; RFP No. 2019-41

### Project Reference Name/Title:

Anthony Russo, P.E. —  
Project Manager

### Reference Phone:

(941) 792-8811

### Reference Email:

anthony.russo@mymanatee.org

### Completion Date:

March 2018

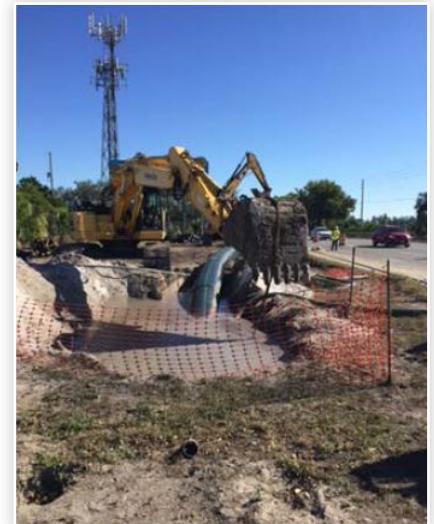
### Project Cost:

\$655,051

### KEY STAFF:

- W. Wade Wood, P.E. —  
Project Manager
- John Potts, P.E. —  
QA/QC Reviewer
- Ashley Miele, P.E. —  
Project Engineer
- Jordan Walker, P.E. —  
Project Engineer
- Wayne White, P.E. —  
Project Engineer
- Jamison Tondreault, P.E. —  
Project Engineer

This project is unique because Manatee County selected a route for the force main that would be beneficial for a future development called Lake Flores, which is anticipated to provide future roadways, utilities, and stormwater improvements. The route included horizontal directional drill (HDD) along Cortez Boulevard, jack and bore across Cortez Boulevard, open cut along a new four-lane roadway, and continuation of the force main along future roadways of the Lake Flores development to the SWWRF. Additionally, an extension of the force main 1D rehabilitation was included into the project, as well as several smaller force main connections along the route. Both designs involved extensive coordination with the County; City of Bradenton; permitting agencies such as FDOT, FDEP, USACE, SWFWMD; other property owners; and the development of Lake Flores. It also



included wetland impacts and coordination with other consultants on other force main connections which were under design or under construction at the same time. Final construction plans have been submitted to Manatee County.

### Project Reference Name/Title:

Isaac Brownman —  
Public Works Director

### Reference Phone:

(941) 316-1988

### Reference Email:

ibrownman@longboatkey.org

### Completion Date:

Ongoing

### Project Cost:

\$181,111

### KEY STAFF:

- Ashley Miele, P.E. —  
Project Manager
- W. Wade Wood, P.E. —  
Project Engineer
- Jordan Leep, P.E. —  
Project Engineer
- Jamison Tondreault, P.E. —  
Project Engineer
- Madeline Kender, E.I. —  
Project Analyst

## Emerald Harbor Utility, Town of Longboat Key

Emerald Harbor consists of approximately 82 homes and is located on the northern end of Longboat Key. The development was constructed over 40 years ago and consists of aging infrastructure, including: seven lift stations, force main piping, gravity sewer system, water main, and water and sewer services. The roadway was resurfaced 15 years ago, but significant base deformation has occurred in some areas that has led to poor drainage and poor stabilization within the roadway. The project involves the rehabilitation of the lift stations, including electrical upgrades, new wet well and discharge piping, insertion of new valve vaults and guide rails, and replacement of the water mains and all water and irrigation services. The roadway improvements consist of milling and resurface all of the roads within the development and three new roadway cross sections to





## Professional Engineering Services for Water Transmission Main

on San Mateo Drive from Price Boulevard to Hillsborough Boulevard ; RFP No. 2019-41

assist the development with problem areas of poor stabilization and drainage. The Town is currently undergoing the transition of overhead utilities to underground along the Gulf of Mexico Drive (main boulevard) and plan to address individual developments once it is complete. To avoid additional roadway impacts in the future, extensive coordination with the utility companies was required to incorporate underground conduit for these services. The Kimley-Horn team prepared a basis of design report (BODR) that consisted of preliminary engineering services including but not limited to: the review of the existing gravity sewer system, determination of water and irrigation service locations, and conditions of the existing lift stations and force mains. The project is currently underway with 90% construction plans and technical specifications. Coordination with a construction manager at risk (CMAR) has been included in this project as well.



### Project Reference Name/Title:

Jeff Streitmatter, P.E. –  
Project Management Division  
Manager

### Reference Phone:

(941) 708-7450

### Reference Email:

[jeff.streitmatter@mymanatee.org](mailto:jeff.streitmatter@mymanatee.org)

### Completion Date:

February 2015

### Project Cost:

\$70,000

### KEY STAFF:

- Jordan Walker, P.E. –  
Project Manager
- John Potts, P.E. –  
QA/QC Reviewer
- Wayne White, P.E. –  
Project Engineer
- Jamison Tondreault, P.E. –  
Project Engineer

## 20-inch Force Main 15D Rehabilitation, Manatee County

Manatee County had one of their primary 20-inch diameter force mains fail at the intersection of 59th Avenue and Manatee Avenue. The failure occurred at the location where the existing cast iron force main meets the manhole. The concrete and cast-iron pipe had corroded to the point where the force main had begun to leak into the surrounding soil, causing a pot hole to open up and an automobile crash to occur.

Kimley-Horn was contracted to provide design, permitting, and construction observation services associated with the rehabilitation of Force Main 15D. The permanent solution designed by Kimley-Horn was designed with sustainability specifically in mind. A leaking force main has the potential to impact the environment, as well as public welfare, so a permanent solution that will last for multiple decades is essential to the health of the community. Kimley-Horn created a preliminary design memorandum that went through several alternatives to replace the damaged force

main. Alternatives included open cut, directional drill, jack and bore, and other pipeline construction methods. Ultimately, the County decided to cross the Manatee Avenue via jack and bore and open cut the remaining portions of the pipeline. It was also determined that the most sustainable method for the project was to replace the entire old segment of force main, including its connections to the existing force main and existing gravity sewer. As a result, a new dog house manhole with protective lining was installed over the existing gravity main for the force main tie-in south of Manatee Avenue. The pipeline was also reconstructed 550 linear feet north of Manatee Avenue along 59th Street to tie into a newer portion of the pipeline that was PVC instead of cast iron and is currently active and in use without issues.





## Professional Engineering Services for Water Transmission Main

on San Mateo Drive from Price Boulevard to Hillsborough Boulevard ; RFP No. 2019-41

The project had to be permitted through the State of Florida Department of Transportation (FDOT), as well as the Florida Department of Environmental Protection (FDEP). Kimley-Horn worked with both agencies to work through permitting issues to ensure a safe, quick, and easy permitting process. Dewatering effluent from excavation presented a challenge because discharge into the stormwater inlets would require a shutdown of the road. Kimley-Horn developed an innovative alternative dewatering method by treating the groundwater through filter bags before being discharged to the Manatee County sanitary sewer system. The sanitary sewer system manholes were located down the center of the road, which enabled construction to continue and leaving at least one lane open northbound and southbound.

The project was designed and constructed to allow for the continuance of traffic through both Manatee Avenue and 59th Street. The new force main was then jack and bored underneath Manatee Avenue, which is an FDOT roadway with a high volume of traffic. The FDEP and FDOT approved the proposed methods in design and accepted the final work after construction completion.

**Kimley-Horn submitted award application for Manatee County for this project, resulting in the County receiving the APWA Florida Chapter Award for 2015 under the Disaster or Emergency Construction/Repair category.**

### Project Reference Name/Title:

Jaimol Charles, P.E., PM –  
Project Manager

### Reference Phone:

(941) 861-5000

### Reference Email:

jcharles@scgov.net

### Completion Date:

Ongoing

### Project Cost:

\$1,179,292

### KEY STAFF:

- Ashley Miele, P.E. –  
Project Manager
- Wayne White, P.E. –  
Project Engineer
- Wade Wood, P.E. –  
Project Engineer
- Jamison Tondreault, P.E. –  
Project Engineer
- Shelby Hughes, P.E. –  
Project Engineer
- Madeline Kender, E.I. –  
Project Analyst
- Rocco Angerami –  
Construction Administrator

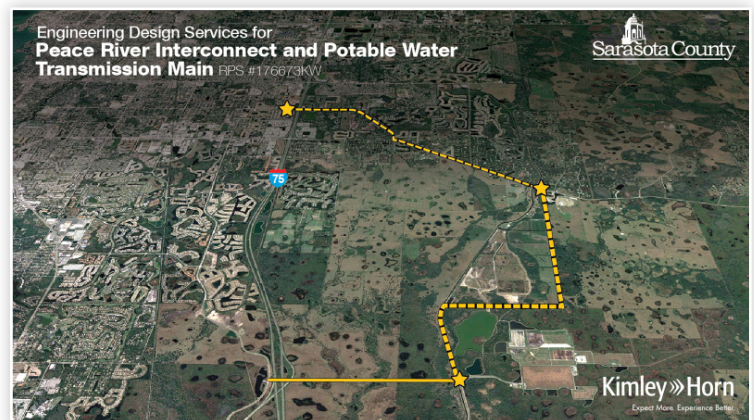
## Peace River Interconnect and Potable Water Transmission Main, Sarasota County, FL

Sarasota County currently receives water from the Peace River Manasota Regional Water Supply Authority (PRMRWSA) via 24-inch water main at Preymore/SR 671 (the terminus location of the PRMRWSA Phase 3A potable water transmission main). The PRMRWSA is currently underway with the design and construction of a 48-inch Phase 3B interconnect pipeline that extends from the Preymore/SR 671 Interconnect north to SR 72/Clark Road providing Sarasota County with a new connection/delivery point.

The Kimley-Horn team was selected to provide design and construction phase services for 5 miles of 30-inch and 36-inch potable water transmission main that connects to the termination point of Phase 3B and runs west along Clark Road and northwest along Proctor Road to Pump Station Number 5. The route includes various wetlands; critical crossings such as Cow Pen Slough, Philippi Creek, and Interstate I-75; and schools, churches, and an FPL transmission station. The pipeline will be constructed with a combination of construction methodologies, including open trench, horizontal directional drill, and jack and bore. This project requires extensive coordination with not only Sarasota County and PRMRWSA but also FDEP, ACOE, and FDOT (state roads and interstate departments). Plans are required to meet existing right-of-way along SR 72 and future expansions, including the construction of two potential roundabouts and road widening. The corridor also consists of new large developments along that way that are currently underway with design and/or construction. This required additional coordination with developers and developers' engineers to ensure

construction duration and times were coordinated correctly and impacts were reduced.

With this project being contingent upon the construction of the Phase 3B pipeline, schedule and budget are critical concerns to the County. Our team's experience and expertise in pipeline design is what Sarasota County needs to complete this project. The Kimley-Horn team is currently under design with the project and ahead of schedule and budget. Anticipated construction start time is 2019.





## Tab 7: Litigation and Insurance

Kimley-Horn and its subsidiaries have provided services in all 50 states and numerous countries. Because of the many and varied projects we have completed, we are subject to various legal proceedings from time to time and in the ordinary course of business. In the last five years, Kimley-Horn has had more than 14,000 active projects in Florida, 18 of which had some form of litigation. Of those, 3 were dismissed, 12 were settled, and 3 are pending. None of the pending matters, if decided against Kimley-Horn, would have a material impact on our financial statements or impair in any way our ability to serve our clients. Generally, these matters are covered by insurance, and we consider them to be without merit. If you would like to discuss our legal matters in more detail, please contact Kimley-Horn's General Counsel, Richard Cook, at 919.677.2058.

### INSURANCE LEVELS

Kimley-Horn has adequate liability insurance to meet the requirements set forth by the City of North Port in RFP No. 2019-41. **Our current sample certificate of insurance is provided in Tab 9.**



## Tab 8: Additional Information

### INTEGRATED WATER SERVICES

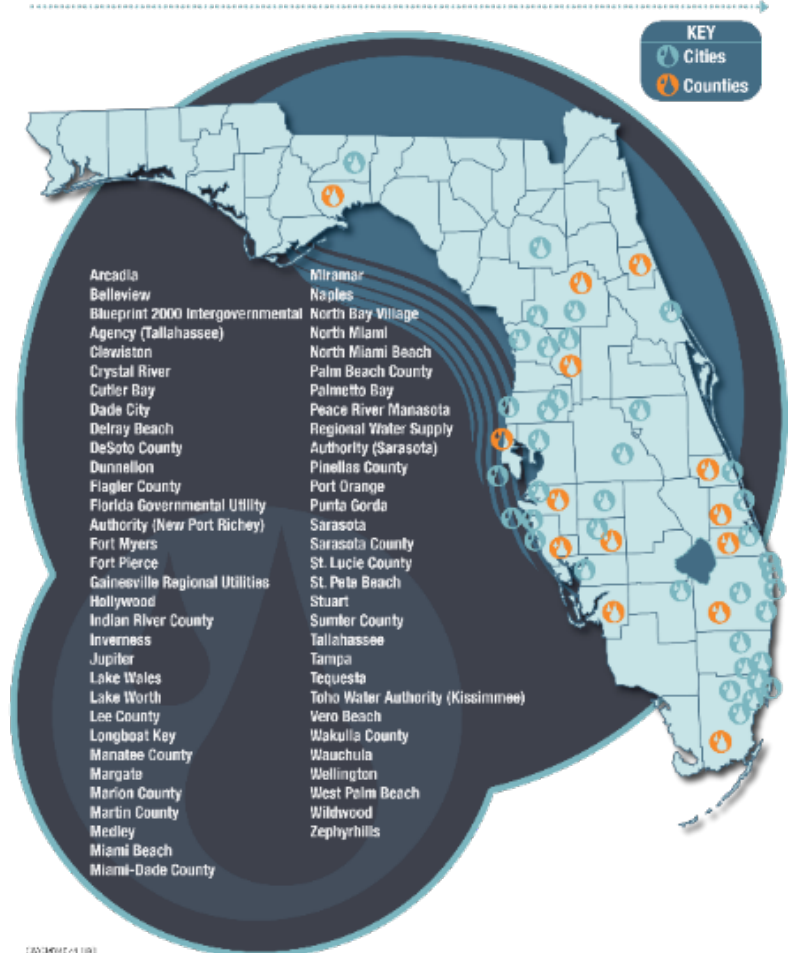
For 51 years in Florida, Kimley-Horn has demonstrated a passion for providing integrated water services. Our integrated water expertise includes:

- Alternative water supply strategies
- Advanced water treatment
- Aquifer storage and recovery
- Asset management
- Biological/hydraulic modeling of wastewater process systems
- Chemical engineering
- Civil engineering
- Complex utility relocations
- Construction observation services
- Design of trenchless pipelines
- Flood control and floodplain mapping
- Geographic information systems (GIS)
- Groundwater modeling
- Grant funding assistance
- Hydraulic modeling of water and wastewater systems
- Master planning
- Mechanical engineering
- Monitoring and reporting
- Permit compliance
- Pipeline design
- Process evaluations
- Reclaimed water distribution systems
- Reclaimed water storage and pumping systems
- Regulatory assistance
- Route evaluations and alternatives
- Sewer rehabilitation and replacement
- Stormwater management
- Wastewater collection and transmission systems
- Water and wastewater process evaluations/optimization studies
- Water and wastewater treatment design
- Water supply and distribution systems infiltration and inflow studies
- Well design and construction observation

### INTEGRATED WATER EXPERIENCE

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

### CURRENT FLORIDA INTEGRATED WATER MUNICIPALITIES SERVED





## Tab 9: Submission Requirements and Required Submittal Forms

*The forms listed below are provided on the following pages:*

- Proposer Checklist
- Proposer Submittal Signature Form
- Statement of Organization
- References/Client Listing
- Drug Free Workplace Form
- Public Entity Crime Information
- Non-Collusive Affidavit
- Lobbying Certification
- Conflict of Interest Form
- Disclosure Form for Consultant/Engineer/Architect
- Scrutinized Company Certification Form
- State of Florida Registrations – Firm and Individuals
- Sample Certificate of Insurance
- M/W/VBE Certifications

**TAB 8 – ADDITIONAL INFORMATION:** Any other pertinent information the proposer chooses to provide. **(maximum 2 pages)**

**TAB 9 – SUBMISSION REQUIREMENTS AND REQUIRED SUBMITTAL FORMS:** This checklist is provided to assist each Proposer in the preparation of their response. Included in this checklist are important requirements, which is the responsibility of each Proposer to submit with their response in order to make their response fully compliant.

#### A. FORMAT GUIDELINES

☒ **NUMBER OF PAGES:**

- **shall not exceed (24) pages (one-sided) or (12) pages (two-sided) in length.**
  - *(Title Page, Table of Contents, City Required Forms, Resumes and tabs **do not** count towards the 24 page total).*
  - **Do not use three ring binders of any kind**

Place proposal with all the required items in a sealed envelope clearly marked for specification number, project name, name of proposer, and due date and time.

☒ **PAPER/FONT SIZE:** 8.5"x11"/Font Calibri 11, PDF FORMAT.

☒ **NUMBER OF ORIGINAL AND COPIES PROPOSALS:**

- **ORIGINAL:** One (1) original hard-copy **UNBOUND** (clearly marked "**ORIGINAL**" on the front page) and signed in blue ink.
- **COPIES:** three (3) hard-copies **BOUND** (marked "**COPY**"), signed identical copies.

☒ **USB Flash/Travel Drive:** One (1) electronic version in Portable Document Format (PDF) **on a** Flash Drive containing the entire submittal.

☒ Sealed package clearly marked on the outside

**RFP NO. 2019-41, PROFESSIONAL ENGINEERING SERVICES FOR WATER TRANSMISSION MAIN ON SAN MATEO DRIVE FROM PRICE BOULEVARD TO HILLSBOROUGH BOULEVARD**

Alla V. Skipper, CPPB, Senior Contract Administrator  
City of North Port Finance Department/Purchasing Division  
4970 City Hall Boulevard  
North Port, Florida, 34286

**B. REQUIRED SUBMITTAL FORMS: INCLUDE THIS CHECKLIST**

- ☒ Proposal Submittal Signature Form
- ☒ Statement of Organization Form
- ☒ References – Consultant is to contact the references and advise his/her references that the City will be sending an e-mail and reference form which needs to be completed and e-mailed back to the City in a timely fashion. This form may be used for Tab 6 above and also included with this section.
- ☒ Drug-Free Workplace (If Applicable)
- ☒ Public Entity Crime Information
- ☒ Non-Collusive Affidavit
- ☒ Lobbying Certification
- ☒ Statement of Organization
- ☒ Scrutinized Companies
- ☒ Conflict of Interest Form
- ☒ Disclosure Form (Consultant/Engineer/Architect)
- ☒ State Registration Requirements (<http://www.sunbiz.org/search.html>)
- ☒ Copy of Registration, Attached
- ☒ State required license for Prime Firm Only (Not sub-consultants)
- ☒ **SAMPLE INSURANCE CERTIFICATE:** Demonstrate your firm's ability to comply with insurance requirements. Provide a previous certificate or other evidence listing the Insurance Companies names for both Professional Liability and General Liability and the dollar amounts of the coverage.
- ☒ YES
- ☐ NO Sample Insurance Certificate is included with the submittal
- ☒ **MBE/WBE/VBE:** If claiming either Minority Business Enterprise/Women Business Enterprises/Veteran Business Enterprise, the Prime Firm (not sub-consultant) **shall be** certified as a Minority Business Enterprise by the State of Florida, Department of Management Services, Office of Supplier Diversity pursuant to Section 287.0943, Florida Statutes.
- ☐ YES, CLAIMING STATUS AS PRIME ONLY
- ☐ YES, I'VE ATTACHED THE CERTIFICATE OF MBE/WBE STATUS FROM THE STATE OF FLORIDA AS OUTLINED SECTION 1.
- ☒ NOT CLAIMING MBE/WBE /VBE



**STATEMENT OF ORGANIZATION**  
**(Information Sheet for Transactions and Conveyances Corporation Identification)**

The following information will be provided to the City of North Port for incorporation in legal documents. It is, therefore, vital all information is accurate and complete. Please be certain all spelling, and capitalization is exactly as registered with the state or federal government.

**Name of Respondent:** Kimley-Horn and Associates, Inc.

**DBA (if any):** \_\_\_\_\_

**Type of Entity** (Sole Proprietor, Corporation, LLC, LLP, Partnership, etc): Corporation

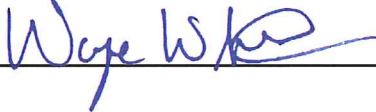
**Business Address:** 1777 Main Street, Suite 200  
Sarasota, FL 34236

**Phone:** 941.379.7600 **Fax:** 561.863.8175

**E-Mail** Ashley.Miele@kimley-horn.com

**Print Name and Title of person authorized to bind:** Wayne White, P.E., Associate

**Federal Identification Number:** 56-0885615

**Signature:** 

Respondent shall submit proof that it is authorized to do business in the State of Florida unless registration is not required by law.

**(Please Check One)**

**Is this a Florida Corporation:** ☐ Yes or ☒ No

**If not a Florida Corporation,**

In what state was it created: North Carolina  
 Name as spelled in that State: Kimley-Horn and Associates, Inc.

**What kind of corporation is it:** ☒ "For Profit" or ☐ "Not for Profit"

**Is it in good standing:** ☒ Yes or ☐ No

**Authorized to transact business in Florida:** ☒ Yes or ☐ No

State of Florida Department of State Certificate of Authority Document No.: 821359

**Does it use a registered fictitious name:** ☐ Yes or ☒ No

**THIS PAGE MUST BE SUBMITTED WITH PROPOSAL**

**Names of Officers:****President:** Steven E. Lefton **Secretary:** Richard N. Cook**Vice President:** David W. Walthall, P.E. **Treasurer:** David L. McEntee**Director:** \* Please see list below **Director:****Other:** **Other:****Name of Corporation (As used in Florida):**

Kimley-Horn and Associates, Inc.

(Spelled exactly as it is registered with the state or federal government)

**Corporate Address:**

Post Office Box:

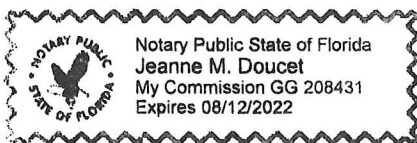
City, State Zip:

Street Address:

City, State, Zip:

421 Fayetteville Street, Suite 600

Raleigh, NC 27601

STATE OF Florida  
COUNTY OF OrangeSworn to and subscribed before me this 9th day of January, 20 19, by Wayne White, P.E. who ☒ is personally known to me or ☐ has produced his/her driver's license as identification.

Notary Public - State of Florida

Print Name: Jeanne M. DoucetCommission No: GG 208431**\*Board of Directors**John C. Atz  
Paul B. Danielson  
Steven E. Lefton  
Brooks H. Peed  
G. Brad TribbleBarry L. Barber  
James R. Hall  
Emmeline F. Montanye  
Michael G. SchillerStephen W. Blakely, Jr.  
Nicole M. Kerry  
Terence T. Murphy  
Christopher A. Squires**THIS PAGE MUST BE SUBMITTED WITH PROPOSAL**

**REFERENCES/CLIENT LISTING**

(The firm shall provide a minimum of five (5) business related references for which they are currently providing or have provided within the last ten (10) years, services similar to the scope of services required by this RFP). Attach additional sheets if necessary.

1. Business/Customer Name: City of Sarasota

Name of Contact Person/Title: Seton Katz, Project Manager

Telephone# 941.955.2325 Fax n/a E-mail seton.katz@sarasotafl.gov

Address 1750 12th Street, Sarasota, FL 34236

Phone Number 941.955.2325

Duration of Contract or business relationship December 2016 – September 2017

Type of Services Provided Design and permitting

2. Business/Customer Name: Manatee County

Name of Contact Person/Title: Anthony Russo, P.E., Project Manager

Telephone# 941.792.8811 Fax 941.795.3419 E-mail anthony.russo@mymanatee.org

Address 4410 66th Street West, Bradenton, FL 34206

Phone Number 941.792.8811

Duration of Contract or business relationship Design: December 2013 – September 2015; Construction: March 2018

Type of Services Provided General engineering services including design, permitting, and construction

3. Business/Customer Name: Town of Longboat Key

Name of Contact Person/Title: Isaac Brownman

Telephone# 941.316.1988 Fax n/a E-mail ibrownman@longboatkey.org

Address 600 General Harris Street, Longboat Key, FL 34228

Phone Number 941.316.7988

Duration of Contract or business relationship August 2016 – August 2018

Type of Services Provided Design, permitting, and construction phase services

**COMPANY NAME:** Kimley-Horn and Associates, Inc.

**SIGNATURE:** 

**THIS PAGE MUST BE SUBMITTED WITH PROPOSAL**

4. Business/Customer Name: Manatee County

Name of Contact Person/Title: Jeff Streitmatter, P.E., Project Management Division Manager

Telephone# 941.708.7450 Fax 941.708.7549 E-mail jeff.streitmatter@mymanatee.org

Address 1022 26th Avenue East, Bradenton, FL 34208

Phone Number 941.708.7450

Duration of Contract or business relationship Design: March 2014 – Feb. 2015; Construction: Oct. 2014 – Feb. 2015

Type of Services Provided Design, permitting, bidding, and construction oversight services

5. Business/Customer Name: Sarasota County

Name of Contact Person/Title: Jaimol Charles, P.E., PM, Technical Manager

Telephone# 941.861.5000 Fax 941.861.0762 E-mail jcharles@scgov.net

Address 1001 Sarasota Center Boulevard, Sarasota, FL 34240

Phone Number 941.861.5000

Duration of Contract or business relationship February 2018 – Ongoing

Type of Services Provided Design and construction phase services

1	Project Team Name and Title	Years of Experience	City of office the individual will work out of for this project	City individual's office is normally located	City of Individual's residence
	Ashley Miele, P.E., Project Manager/Lead Designer	16	Sarasota	Sarasota	Sarasota
	Wayne White, P.E., Principal-in-Charge	25	Sarasota	Orlando	unincorporated Polk County
	Tom Jensen, P.E., Quality Assurance/Quality Control	33	Sarasota	West Palm Beach	Wesley Chapel
	Wade Wood, P.E., Trenchless Design	16	Sarasota	St. Petersburg	Tampa
	Jamison Tondreault, P.E., Trenchless Design, Pipeline Design	7	Sarasota	Lakeland	Lakeland
	Fannie Howard, P.E., Water Quality	14	Sarasota	West Palm Beach	North Palm Beach
	Shelby Hughes, P.E., Water Quality	5	Sarasota	St. Petersburg	Tampa
2	<b>Magnitude of Company Operations</b>				
	<b>a. Total professional services fees received within last 12 months</b>			\$656,469,080 in fee for 11 months (ended 11/30/2018)	
	<b>b. Number of similar projects started within last 12 months:</b>			2,060 integrated-water projects worked on company-wide in last 11 months	

	<b>c. Largest single project to date:</b>	\$73,206,207 Blue Line Extension; inception to date revenue		
<b>3</b>	<b>Magnitude of City of North Port Projects</b>			
	<b>a. Number of Current or scheduled County Projects</b>	4 active projects for City of North Port		
	<b>b. Payments received from the City over the past 24 months (based upon executed contracts with the City)</b>	\$836,223.74		
<b>4.</b>	<b>Sub-Consultant(s) (if applicable)</b>	<b>Location</b>	<b>%Of Work To Be Provided</b>	<b>Services to be Provided</b>
	Hyatt Survey, Inc.	Bradenton	20%	Survey/SUE
	Universal Engineering Sciences, Inc.	Sarasota	5%	Geotechnical
	Scheda Ecological Associates, Inc.	Sarasota	2%	Environmental
<b>5</b>	<b>Disclosure of Interest or involvement: List below all private sector clients with whom you have an active pending contract and who have interest within the areas affected by this project. Also include any properties or interest held by your firm, or officers of your firm, within the areas affected by this project.</b>			
	<b>Firm:</b> N/A	<b>Address:</b>		
	<b>Phone #:</b>	<b>E-mail:</b>		
	<b>Contact Name:</b>	<b>Start date &amp; End Date:</b>		
	<b>Project Name/Description:</b>			

**COMPANY NAME:** Kimley-Horn and Associates, Inc.

**SIGNATURE:** 

**THIS PAGE MUST BE SUBMITTED WITH PROPOSAL**

**DRUG FREE WORKPLACE FORM**

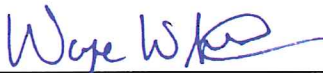
The undersigned Consultant in accordance with Florida Statute 287.087 hereby certifies that  
Kimley-Horn and Associates, Inc. does:

(Company Name)

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

**Check one:**

- ☒ As the person authorized to sign this statement, I certify that this firm complies fully with above requirements.
- ☐ As the person authorized to sign this statement, this firm **does not** comply fully with the above requirements.



**Offeror's Signature**

January 9, 2019

**Date**

**THIS PAGE MUST BE SUBMITTED WITH PROPOSAL**

**PUBLIC ENTITY CRIME INFORMATION**

As provided by F.S. §287.133, a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a Contractor, Supplier, Subcontractor, or Consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

I, Wayne White, P.E., being an authorized representative of the Respondent, Kimley-Horn and Associates, Inc., located at 1777 Main Street, Suite 200  
 City: Sarasota State: Florida Zip Code: 34236, have read and understand the contents above. I further certify that Respondent is not disqualified from replying to this solicitation because of F.S. §287.133.

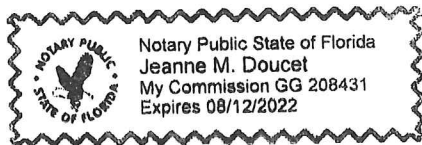
Signature:  Date: 1/9/2019

Telephone #: 941.379.7600 Fax #: 561.863.8175

Federal ID #: 56-0885615

STATE OF Florida  
 COUNTY OF Orange

Sworn to and subscribed before me this 9th day of January, 2019, by Wayne White, P.E.  
 who ☒ is personally known to me or ☐ has produced his/her driver's license as identification.



  
 Notary Public - State of Florida

Print Name: Jeanne M. Doucet

Commission No: GG 208431

**THIS PAGE MUST BE SUBMITTED WITH PROPOSAL**

NON-COLLUSIVE AFFIDAVIT

State of Florida  
County of Orange } SS.

Before me, the undersigned authority, personally appeared:  
Wayne White, P.E. who, being first duly sworn, deposes and says that:

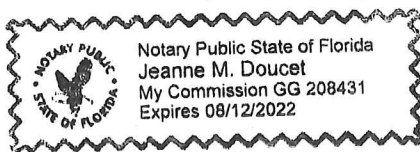
1. He/She is the Associate (Owner, Partner, Officer, Representative or Agent) of Kimley-Horn and Associates, Inc., the Respondent that has submitted the attached reply;
2. He/She is fully informed respecting the preparation and contents of the attached reply and of all pertinent circumstances respecting such reply;
3. Such reply is genuine and is not a collusive or sham reply;
4. Neither the said Respondent nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other respondent, firm, or person to submit a collusive or sham reply in connection with the work for which the attached reply has been submitted; or have in any manner, directly or indirectly sought by agreement or collusion, or communication or conference with any respondent, firm, or person to fix the price or prices in the attached reply or of any other respondent, or to fix any overhead, profit, or cost elements of the reply price or the reply price of any other respondent, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the reply work.

Signed, sealed and delivered this 9th day of January, 2019.

By: Wayne White  
Wayne White, P.E.  
(Printed Name)  
Associate  
(Title)

STATE OF Florida  
COUNTY OF Orange

Sworn to and subscribed before me this 9th day of January, 2019, by Wayne White, P.E. who ☒ is personally known to me or ☐ has produced his/her driver's license as identification.



Jeanne M. Doucet  
Notary Public - State of Florida  
Print Name: Jeanne M. Doucet  
Commission No: GG208431

THIS PAGE MUST BE SUBMITTED WITH PROPOSAL

**LOBBYING CERTIFICATION**

"The undersigned hereby certifies, to the best of his or her knowledge and belief, that":

STATE OF Florida

COUNTY OF Orange

This 9th day January of 2019

Wayne White, P.E., Associate, being first duly sworn, deposes and says that he or she is the authorized representative of Kimley-Horn and Associates, Inc. (Name of the contractor, firm or individual), and that the vendor and any of its agents agree to have no contact or communication with, or discuss any matter related in any way to any active City of North Port solicitation, with any City of North Port elected officials, officers, their appointees or their agents or any other staff or outside individuals working with the city in respect to this request other than the designated Procurement Official Contact and to abide by the restrictions outlined in the General Terms and Conditions of the Solicitation. Technical questions directed to the project manager, is prohibited. These persons shall not be lobbied, either individually or collectively, regarding any questions for bid, proposal, qualification and/or any other solicitations released by the city. To do so is grounds for immediate disqualification from the selection process. The selection process is not considered final until such a time as the Commission has made a final and conclusive determination.

(a) No City appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence either directly or indirectly an officer or employee of the City, City Commission in connection with the awarding of any City Contract.

(b) If any funds other than City appropriated funds have been paid or will be paid to any person for influencing or attempting to influence a member of City Commission or an officer or employee of the City in connection with this contract, the undersigned shall complete and submit Standard Form-L "Disclosure Form to Report Lobbying", in accordance with its instructions.

Signed, sealed and delivered this 9th day of January, 2019.

By: Wayne White  
Wayne White, P.E.

(Printed Name)

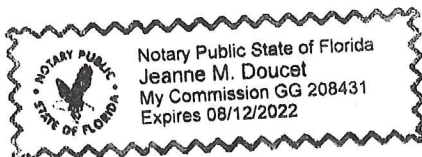
Associate

(Title)

STATE OF Florida

COUNTY OF Orange

Sworn to and subscribed before me this 9th day of January, 2019 by Wayne White, P.E. who ☒ is personally known to me or ☐ has produced his/her driver's license as identification.



Jeanne M. Doucet  
Notary Public - State of Florida  
Print Name: Jeanne M. Doucet  
Commission No: GG208431

THIS PAGE MUST BE SUBMITTED WITH BID

**CONFLICT OF INTEREST FORM**

F.S. §112.313 places limitations on public officers (including advisory board members) and employees' ability to contract with the City either directly or indirectly. Therefore, please indicate if the following applies:

**PART I.**

- ☐ I am an employee, public officer or advisory board member of the City  
 \_\_\_\_\_ (List Position Or Board)
- ☐ I am the spouse or child of an employee, public officer or advisory board member of the City  
 Name: \_\_\_\_\_
- ☐ An employee, public officer or advisory board member of the City, or their spouse or child, is an officer, partner, director, or proprietor of Respondent or has a material interest in Respondent. "Material interest" means direct or indirect ownership of more than 5 percent of the total assets or capital stock of any business entity. For the purposes of [§112.313], indirect ownership does not include ownership by a spouse or minor child.  
 Name: \_\_\_\_\_
- ☐ Respondent employs or contracts with an employee, public officer or advisory board member of the City  
 Name: \_\_\_\_\_
- ☒ None Of The Above

**PART II:**

Are you going to request an advisory board member waiver?

- ☐ I will request an advisory board member waiver under §112.313(12)
- ☐ I will NOT request an advisory board member waiver under §112.313(12)
- ☒ N/A

The City shall review any relationships which may be prohibited under the Florida Ethics Code and will disqualify any vendors whose conflicts are not waived or exempt.

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

**SIGNATURE:**

*Wayne W. Kim*

**THIS PAGE MUST BE SUBMITTED WITH PROPOSAL**

**DISCLOSURE FORM**  
**FOR**  
**CONSULTANT/ENGINEER/ARCHITECT**

**Please select (only) one of the following three options:**

☒ Our firm has no actual, potential, or reasonably perceived, **financial\*** or **other interest\*\*** in the outcome of the project.

☐ Our firm has a potential or reasonably perceived **financial\*** or **other interest\*\*** in the outcome of the project as described here: \_\_\_\_\_.

Our firm proposes to mitigate the potential or perceived conflict according to the following plan:  
\_\_\_\_\_.

☐ Our firm has an actual **financial\*** or **other interest\*\*** in the outcome of the project as described here:  
\_\_\_\_\_.

**\*What does "financial interest" mean?**

If your firm, or employee of your firm working on the project (or a member of the employee's household), will/may be perceived to receive or lose private income depending on the government business choices based on your firm's findings and recommendations, this must be listed as a financial interest. An example would be ownership in physical assets affected by the government business choices related to this project. The possibility of contracting for further consulting services is not included in this definition and is not prohibited.

**\*\*What does "other interest" mean?**

If your firm, or employee of your firm working on the project (or a member of the employee's household), will/may be perceived to have political, legal or any other interests that will affect what goes into your firm's findings and recommendations, or will be/may be perceived to be affected by the government business choices related to this project, this must be listed as another interest.

**BUSINESS NAME:** \_\_\_\_\_ Kimley-Horn and Associates, Inc.

**NAME (PERSON AUTHORIZED TO BIND THE COMPANY):** \_\_\_\_\_ Wayne White, P.E., Associate

**SIGNATURE:** Wayne White **DATE:** 1/9/2019

**Scrutinized Company Certification Form**

Company Name: <u>Kimley-Horn and Associates, Inc.</u>			
Authorized Representative Name and Title: <u>Wayne White, P.E., Associate</u>			
Address: <u>1777 Main Street, Suite 200</u>	City: <u>Sarasota</u>	State: <u>Florida</u>	ZIP: <u>34236</u>
Phone Number: <u>941.379.7600</u>	Email Address: <u>wayne.white@kimley-horn.com</u>		

A company is ineligible to, and may not, bid on, submit a proposal for, or enter into or renew a contract with the City of North Port for goods or services of any amount if, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Florida Statutes, section 215.4725, or is engaged in a boycott of Israel.

A company is ineligible to, and may not, bid on, submit a proposal for, or enter into or renew a contract with the City of North Port for goods or services of \$1 million or more if, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, the company is on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to Florida Statutes, section 215.473, or with companies engaged in business operations in Cuba or Syria.

**CHOOSE ONE OF THE FOLLOWING**

- ☐ This bid, proposal, contract or contract renewal is for goods or services of less than \$1 million. As the person authorized to sign on behalf of the above-named company, and as required by Florida Statutes, section 287.135(5), I hereby certify that the above-named company is not participating in a boycott of Israel.
- ☒ This bid, proposal, contract or contract renewal is for goods or services of \$1 million or more. As the person authorized to sign on behalf of the above-named company, and as required by Florida Statutes, section 287.135(5), I hereby certify that the above-named company is not participating in a boycott of Israel, is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, and it does not have business operations in Cuba or Syria.

I understand that pursuant to Florida Statutes, section 287.135, the submission of a false certification may result in the termination of the contract if one is entered into, and may subject the above-named company to civil penalties, attorney's fees and costs.

Certified By: Wayne White

AUTHORIZED REPRESENTATIVE SIGNATURE

Print Name and Title: Wayne White, P.E., Associate

Date Certified: 1/9/2019

Solicitation/Contract/PO Number (Completed by Purchasing): \_\_\_\_\_

**END OF PART IV**

# State of Florida Registrations – Firm and Individuals

## Kimley-Horn – Firm Licenses

### *State of Florida Department of State*

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

The document number of this corporation is 821359.

I further certify that said corporation has paid all fees due this office through December 31, 2018, that its most recent annual report/uniform business report was filed on March 15, 2018, and that its status is active.

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

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Twenty-fourth day of April,  
2018*



*Ken Detjen*  
**Secretary of State**

Tracking Number: CU7486580346

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

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

**State of Florida**  
**Board of Professional Engineers**  
Attests that  
**Kimley-Horn & Associates, Inc.**

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

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

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

RICK SCOTT, GOVERNOR JONATHAN ZACHEM, SECRETARY


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

**LICENSE NUMBER:**  
LCC000219

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

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


ISSUED: 11/08/2017 DISPLAY AS REQUIRED BY LAW SEQ # L1711060001566

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

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

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

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

  
**ADAM H. PUTNAM**  
COMMISSIONER OF AGRICULTURE

RICK SCOTT, GOVERNOR JONATHAN ZACHEM, SECRETARY

Florida  
**dbpr**

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

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

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

**LICENSE NUMBER: GB175**  
**EXPIRATION DATE: JULY 31, 2020**  
Always verify licenses online at [MyFloridaLicense.com](http://MyFloridaLicense.com)

Do not alter this document in any form.  
This is your license. It is unlawful for anyone other than the licensee to use this document.

## Kimley-Horn – Individual's Licenses

**State of Florida**  
Board of Professional Engineers

Attests that  
**Ashley M. Miele, P.E.**

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019  
Audit No: 228201920645 R

P.E. Lic. No: **66476**

**State of Florida**  
Board of Professional Engineers

Attests that  
**Thomas Carl Jensen, P.E.**

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019  
Audit No: 228201918884 R

P.E. Lic. No: **37290**

**State of Florida**  
Board of Professional Engineers

Attests that  
**Wayne E. White, P.E.**

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019  
Audit No: 228201916629 R

P.E. Lic. No: **53232**

**State of Florida**  
Board of Professional Engineers

Attests that  
**William Wade Wood III, P.E.**

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019  
Audit No: 228201920843 R

P.E. Lic. No: **69051**

**State of Florida**  
Board of Professional Engineers

Attests that  
**Jamison Richard Tondreault, P.E.**

Do not alter this document in any form.

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019  
Audit No: 228201936138 R

P.E. Lic. No: **84396**

-Always verify licenses online at MyFloridaLicense.com-  
This is your license. It is unlawful for anyone other than the licensee to use this document.

**State of Florida**  
Board of Professional Engineers

Attests that  
**Fannie Hunter Howard, P.E.**

Is licensed as a Professional Engineer under Chapter 471, Florida Statutes  
Expiration: 2/28/2019  
Audit No: 228201930526 R

P.E. Lic. No: **67506**

**Florida dbpr** DBPR ONLINE SERVICES

Log On Home

Search for a Licensee  
Apply for a License  
View Application Status  
Find Exam Information  
File a Complaint  
AB&T Delinquent  
Invoice & Activity  
List Search

**Licensee Details**

**License Information**

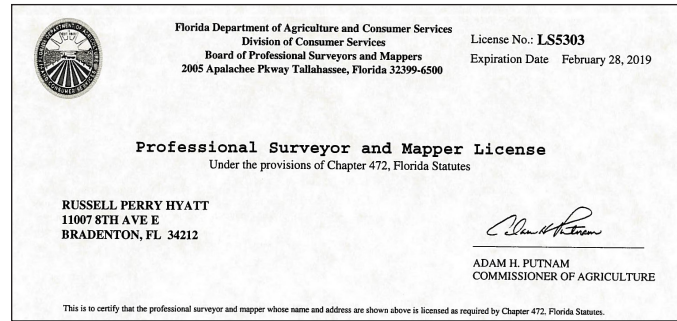
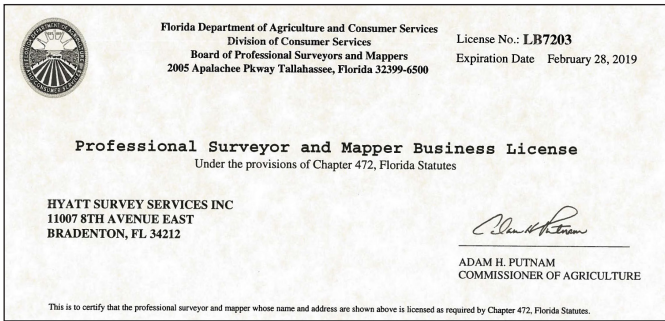
Name:	HUGHES, SHELBY NICHOLE (Primary Name)
Main Address:	306 COLUMBIA DRIVE TAMPA Florida 33606
County:	HILLSBOROUGH
License Mailing:	
License Location:	

**License Information**

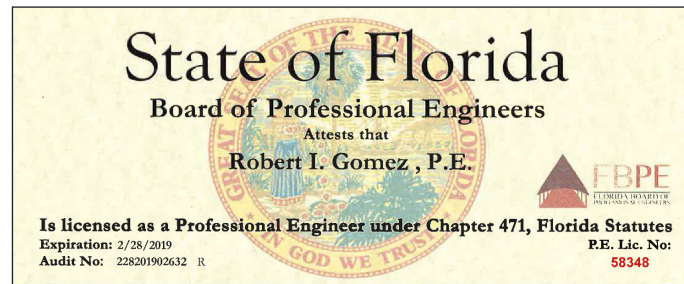
License Type:	Engineering Intern
Rank:	Eng Intern
License Number:	1100018018
Status:	Current
Licensure Date:	01/17/2014
Expires:	

## Subconsultant's Licenses/Certifications

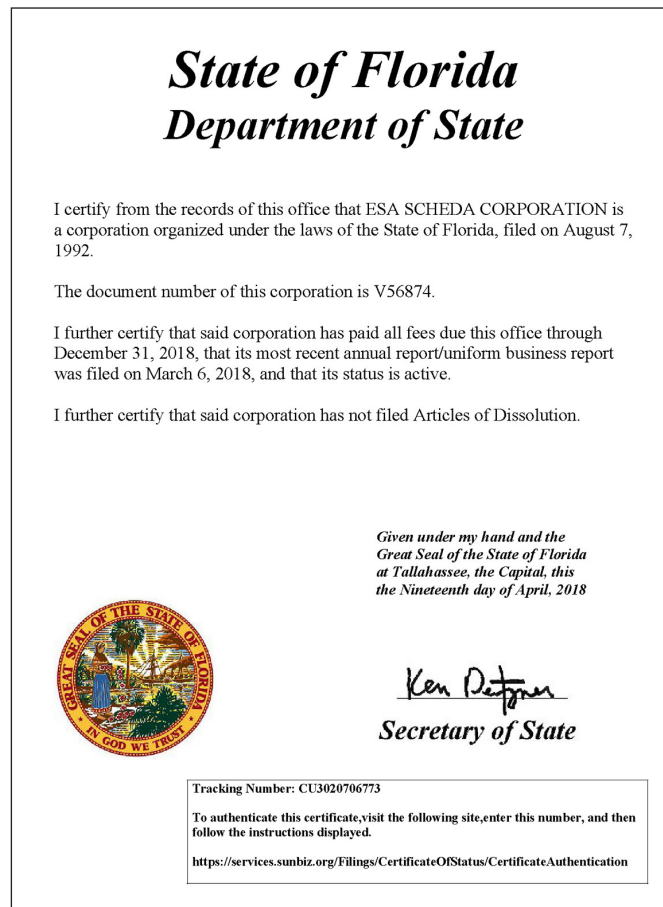
### Hyatt Survey Services, Inc.



### Universal Engineering Sciences, Inc.



### Scheda Ecological Associates, Inc.



# Sample Certificate of Insurance

**ACORD™**

Client#: 25320 KIMLHORN  
**CERTIFICATE OF LIABILITY INSURANCE**

DATE (MM/DD/YYYY)  
3/25/2018

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

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

<b>PRODUCER</b> Greyling Ins. Brokerage/EPIC 3780 Mansell Road, Suite 370 Alpharetta, GA 30022		<b>CONTACT NAME:</b> Jerry Noyola <b>PHONE (A/C, No, Ext):</b> 770-552-4225 <b>FAX (A/C, No):</b> 866-550-4082 <b>E-MAIL ADDRESS:</b> jerry.noyola@greyling.com	
		<b>INSURER(S) AFFORDING COVERAGE</b>	<b>NAIC #</b>
		INSURER A : National Union Fire Ins. Co.	19445
		INSURER B : Aspen American Insurance Company	43460
		INSURER C : New Hampshire Ins. Co.	23841
		INSURER D : Lloyds of London	085202
		INSURER E :	
		INSURER F :	

**COVERAGES** **CERTIFICATE NUMBER: 18-19** **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab.  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC <input type="checkbox"/> OTHER:			5268169	04/01/2018	04/01/2019	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$500,000 MED EXP (Any one person) \$25,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			4489663	04/01/2018	04/01/2019	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$0			CX005FT18	04/01/2018	04/01/2019	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	015893685 (AOS) 015893686 (CA) 039326820 (ME)	04/01/2018 04/01/2018 04/01/2018	04/01/2019 04/01/2019 04/01/2019	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
D	Professional Liab			P070831800	04/01/2018	04/01/2019	Per Claim \$5,000,000 Aggregate \$5,000,000

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

**Proof of Insurance**

**CERTIFICATE HOLDER**

Sample Certificate

**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

*D. H. Gilling*

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#S1021594/M1017419

JNOY1

**Kimley»Horn**

# M/W/VBE Certifications

Hyatt Survey Services, Inc.

*State of Florida*

## Woman Business Certification

Hyatt Survey Services, Inc.

Is certified under the provisions of  
287 and 295.187, Florida Statutes, for a period from:

09/27/2017 to 09/27/2019



Erin Rock, Secretary  
Florida Department of Management Services



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DIVERSITY  
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